



**HINDU COLLEGE
UNIVERSITY OF DELHI**

SUPPORTING DOCUMENT: 3.2.1

INSTITUTION HAS CREATED AN ECOSYSTEM FOR INNOVATIONS, INDIAN KNOWLEDGE SYSTEM (IKS), INCLUDING AWARENESS ABOUT IPR, ESTABLISHMENT OF IPR CELL, INCUBATION CENTRE AND OTHER INITIATIVES FOR THE CREATION AND TRANSFER OF KNOWLEDGE/TECHNOLOGY AND THE OUTCOMES OF THE SAME ARE EVIDENT



3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

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प्राचार्य/Principal
हिन्दू महाविद्यालय, दिल्ली-7
Hindu College, Delhi-7

Link to Research Policy of Hindu College:

<https://hinducollege.ac.in/download/IQAC/INSTITUTIONAL%20POLICY%20FOR%20THE%20PROMOTION%20OF%20RESEARCH.pdf>

IPR Events:

World IP Day
Session on
**Why IP is important
in academia?**

Monday 26th
APRIL 2021 | 03.00 PM - 04.00 PM

JOIN US ON
Venue: Google Meet

For Registration : [click here](#)

Dr. Abhay Jere
Chief Innovation Officer
MoE Innovation Cell

Dr. Mohit Gambhir
Innovation Director
MoE Innovation Cell

Coordinator: Dr. Shalini Suryanarayan

Follow us on [YouTube Live](https://www.youtube.com/live/) /mhrdinnovationcell
www.twitter.com/mhrd_innovation

Hindu College celebrated World IP Day by organizing the session on “ Why IP is important in academia” on 26th April 2021





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

in collaboration with
HINDU COLLEGE INNOVATION COUNCIL
 &
INNOVATION AND STARTUP CELL

Presents a session on :
IPR Awareness Program
 (Under National Intellectual Property Awareness Mission)
 CREATIVE INDIA, INNOVATIVE INDIA



Keynote Address By :
Mr. Sukhdeep Singh
 (Chief Guest & Speaker)
 Assistant Controller of Patents & Designs
 Intellectual Property Office, Delhi
 DPIIT, Ministry of Commerce & Industry.

Registration Link : [Click here](#)
 Zoom Link : [Click here](#)
 YouTube Live Link : [Click here](#)

 29th December, 2021
 05:30 P.M.

Chairpersons :
 Prof. Anju Srivastava
 Dr. Reena Jain

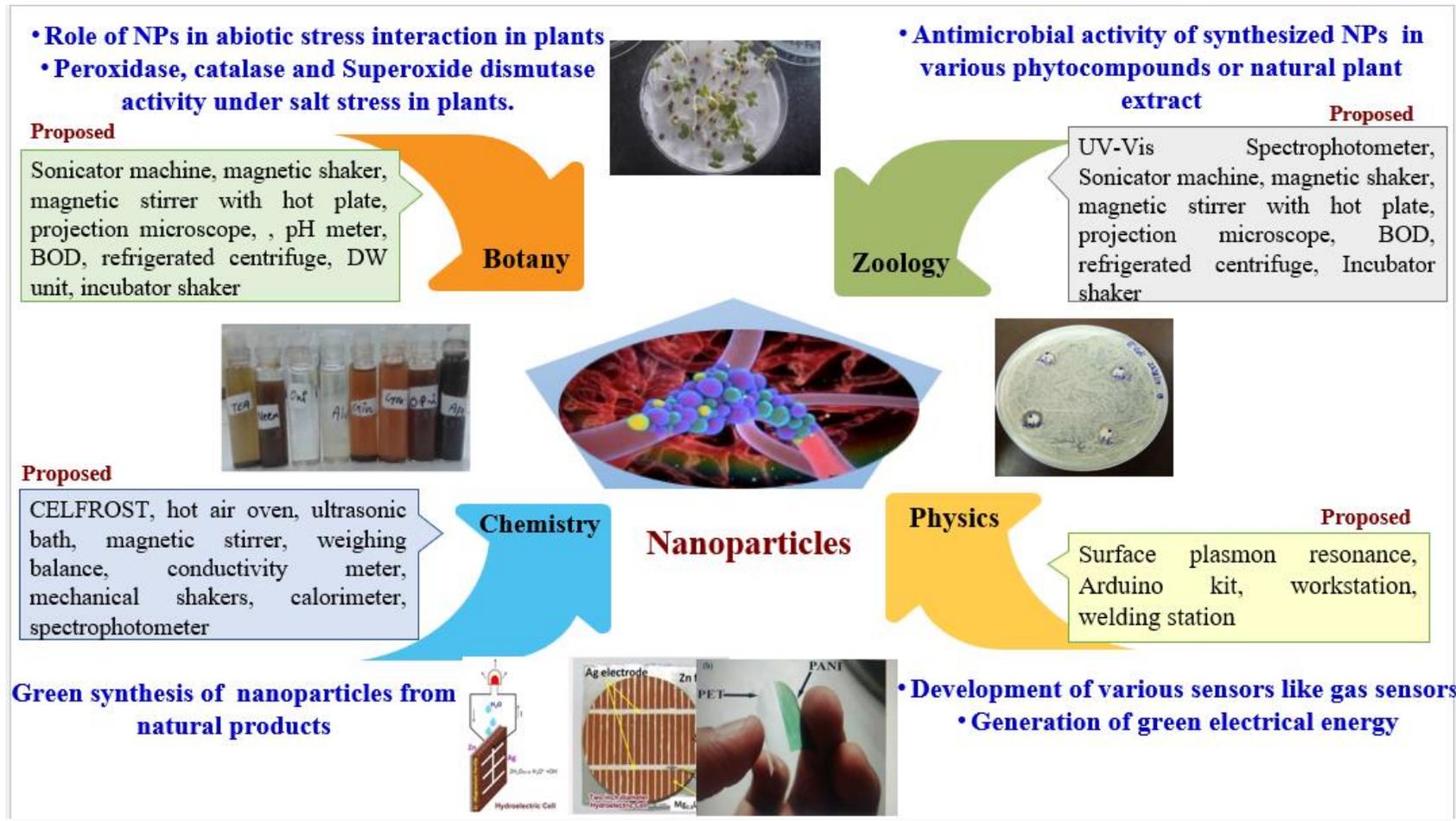
Coordinator :
 Mr. Rajesh Kumar Meena
 (Formerly Hindu College)
 Examiner of Patents & Designs
 Intellectual Property Office, Delhi
 DPIIT, Ministry of Commerce & Industry.

Convenors :
 Dr. Lalit Kumar
 Dr. Devanshi Magoo

For Queries Contact : mic@hinducollege.ac.in

IPR Awareness Program was organized in collaboration with hindu college innovation council and Innovation and Start up Cell

DBT Star Scheme for innovation



Outreach Programmes



Department of Botany



Paper Recycling



Herbal Garden



- ❖ Educating students about the medicinal importance of commonly grown plants, like Aloe vera, Tulsi etc.
- ❖ Study of flora of their native area and promoting plantations of indigenous species of plants to enrich biodiversity.
- ❖ Awareness campaign regarding various environmental problems to increase public participation bringing environmental education in schools.
- ❖ Workshop on paper recycling and hand-made paper.
- ❖ Awareness campaign regarding air purifying plants.
- ❖ Workshops on plant cultivation through tissue culture technique.

Department of Zoology



Integrated Pest Management

DNA Isolation/ Barr Body

Bird Count

Physiology Workshop

- ❖ Workshop in Physiology: Blood group, Hb estimation etc. & Molecular Biology: DNA Isolation, Barr Body detection etc.
- ❖ Annual Bird count to spread awareness on understanding the role of avian diversity in studying the impact of environmental changes in the ecosystem.
- ❖ Workshop to generate awareness about animal biodiversity and its relevance in wildlife conservation.
- ❖ Workshop on IPM programs in collaboration with IARI, ND and IVM programs in collaboration with NCDC, ND, to spread awareness about mosquito management & preventing diseases.

Department of Chemistry



Green & Sustainable Chemistry Education Today
for a Better tomorrow

Going Global Partnerships Grant

Outreach collaborative effort by UK and India



Green Chemistry

Teacher's Training

- ❖ Green Chemistry Education for a Sustainable Tomorrow through Going Global Partnership Grant funded by British Council: Outreach Programme for strengthening transnational education.
- ❖ Yusuf Hamied inspirational teacher's training program.
- ❖ Green chemistry awareness in schools.

Department of Physics

Warli Art



Gold Extraction

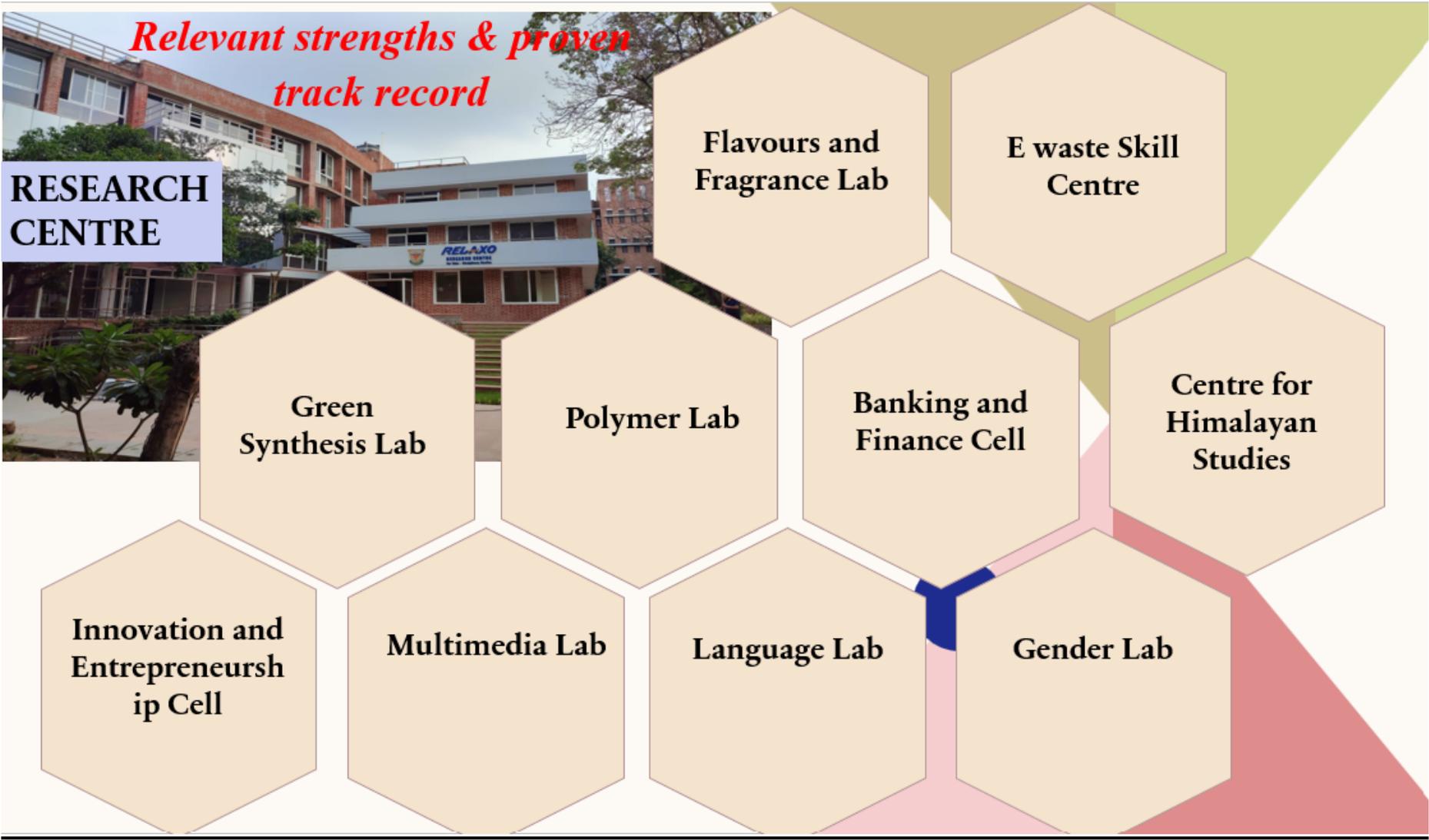
Recycling & Reuse of e-waste



- ❖ e-waste: Recycling & Reuse.
- ❖ Workshops and Training Sessions will be organised for teachers and students from schools with limited infrastructure facilities and exposure.
- ❖ Revival of Warli art and encourage students for startups

Relevant strengths & proven track record

RESEARCH CENTRE



Detail list of Laboratories in Research Centre

1. Fragrances and Flavors Research lab
2. Polymer Research Lab
3. Academia-Industry Collaboration Strategy Lab
4. Design and Innovation Lab
5. E-waste Reuse and Recycle Skill Lab
6. Drosophila Research lab
7. Material Characterization Lab
8. Centre for Green Policy
9. Multimedia Studio
10. GNCN Research Lab I
11. GNCN Research Lab II
12. GNCN Research Lab III
13. Himalayan Study Circle
14. Synthesis Lab
15. Center for Environment Studies
16. Life Sciences Research Lab
17. Material Synthesis Lab
18. Language Lab
19. Research cell for Banking and Finance
20. Centre for Gender Studies
21. The Social and Ethnographic Research Lab
22. Itihas Tarangini: The centre for Historical Research

List of Major Equipments in Research Centre:

1. UV Visible Spectrometer
2. Gas Chromatography Mass Spectrometer (GCMS)
3. Energy Dispersive X Ray Florescence Spectrometer (ED-XRF)
4. Fourier Transform Infrared Spectrometer (FTIR)
5. Atomic Absorption Spectrophotometer (AAS)
6. Spin Coater
7. Tunable Light Source
8. Rotor-Evaporators
9. CO₂/O₂ Incubation
10. Stability Chamber
11. Environment Chamber

GREEN CHEMISTRY NETWORK CENTER (GCNC) Activities

Green Chemistry Network Centre (GCNC) was established in Delhi University under the recommendation of a panel of world leaders headed by Professor Paul Anastas (known as father of Green Chemistry) with aims to:



- Build a Green Chemistry Network
 - Prepare and disseminate the GC Material
 - Design trainings
 - Take up Green Chemistry Research Projects (CSIR, UGC, DST, DBT, INDUSTRY)
- Setting up of GCNC Laboratory
(Ministry of Textiles)

IUPAC CHEMRAWN GCI-DEN GRANT



Going Global Partnerships Grant



Exploratory Grant - Awarded by British Council to Green Chemistry Centre of Excellence, York University, Hindu College, University of Delhi, Green Chemistry Network Centre, University of Delhi and University of Ladakh





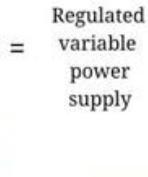
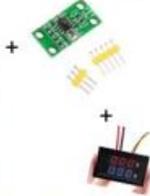
E-WASTE REUSE, RECYCLE & SKILL CENTRE HINDU COLLEGE

E-Waste to Useful products

Bringing the dead laptop back to life!



Making variable power supply from E-wasted LED tubelights



= Regulated variable power supply

Repairing & decorating E-wasted table lamps



E-WASTE SKILL CENTRE



Hindu College Innovation Council : An Initiative to shape the Innovation Ecosystem



Promotion of innovation through start-ups- HCISC



AISHE CODE	INSTITUTE TYPE	INSTITUTE NAME	STATE	CITY	COMMITTEE FORMED	POLICY FORMULATED
C-6377	GOVT COLLEGES/INSTITUTES (AFFILIATED OR STANDALONE)	HINDU COLLEGE	DELHI	NORTH	✓	✓

UV-C Disinfection Machine

**IONUVA Innovations – First Startup launched in collaboration with IIT Delhi
Recognised by Ministry of Commerce**

Sample Proofs for the events on Indian Knowledge System

संस्कृत विभाग
हिन्दू महाविद्यालय
(दिल्ली विश्वविद्यालय)

अंतर्राष्ट्रीय मातृभाषा दिवस
(पञ्चदिवसीय महोत्सव - 21 फरवरी से 25 फरवरी तक)

तृतीय दिवस

दिनांक - 23.02.2022, बुधवार
समय - 2:00 बजे (अपराह्न)
आभासीय पटल - गूगल मीट

उर्दू शायरी
उर्दू कवयित्री, डॉ. इफ्त जरी,
सह-आचार्या, उर्दू विभाग,
माता सुंदरी महाविद्यालय, दिल्ली
विश्वविद्यालय

परिचर्चा - संस्कृत तथा आधुनिक
भारतीय भाषाएं -
आदान-प्रदान
वक्ता - डॉ. बलराम शुक्ल, सह-आचार्य,
संस्कृत विभाग, दिल्ली विश्वविद्यालय

प्रो. अंजू भोवास्त्व
प्राचार्या

डॉ. जगमोहन
प्रभारी

डॉ. अनीता राजपाल
संयोजिका

संस्कृत विभाग
हिन्दू महाविद्यालय
(दिल्ली विश्वविद्यालय)

अंतर्राष्ट्रीय मातृभाषा दिवस
(पञ्चदिवसीय महोत्सव - 21 फरवरी से 25 फरवरी तक)

प्रथम दिवस

दिनांक - 21.02.2022, सोमवार
समय - 4:00 बजे (अपराह्न)
आभासीय पटल - गूगल मीट

**परिचर्चा - आधुनिक भारतीय भाषाओं के विकास
में संस्कृत का योगदान**

 **वक्ता - डॉ. सुद्युम्न आचार्य**
राष्ट्रपति सम्मान प्रमाण-पत्र से
सम्मानित संस्कृत विद्वान्
निदेशक - वेद वाणी वितान, मध्यप्रदेश

प्रो. अंजू श्रीवास्तव प्राचार्या डॉ. जगमोहन प्रभारी डॉ. अनीता राजपाल संयोजिका



हिंदी विभाग

साहित्य सभा
प्रस्तुत करता है
व्याख्यान
कला और साहित्य का अंतः संबंध
प्रो हेमंत द्विवेदी
दिनांक : २९-०१-२०२१
दोपहर १२:०० बजे

[Google Meet Link](#)



हिन्दू कॉलेज हिंदू कॉलेज नई दिल्ली, भारत में दिल्ली

विश्वविद्यालय का एक घटक कॉलेज है। यह विज्ञान,
मानविकी, सामाजिक विज्ञान और वाणिज्य में स्नातक
और स्नातकोत्तर कार्यक्रम प्रदान करता है।



प्रो हेमंत द्विवेदी ।
पदनाम : प्राध्यापक।
विभाग: दूरस्थ कला विभाग

List of Courses involving Indian Knowledge System (IKS)

<u>Programme Name</u>	<u>Link to the syllabus</u>
B.A. (H) Hindi	https://www.du.ac.in/uploads/Revi_syll_19082019/22082019_B.A.%20(Hons.)%20Hindi.pdf
B.A. (H) Sanskrit	https://www.du.ac.in/uploads/RevisedSyllabi1/Annexure-163.%20(Sanskrit)%20Hons..pdf
B.A. (H) English	https://www.du.ac.in/index.php?page=revised-syllabi-ug
B.A. (H) History	https://www.knc.edu.in/document/courses/syllabus-2019-20/History_BA_Hons_locf.pdf
B.A. (H) Sociology	https://sociology.du.ac.in/wp-content/uploads/2019/08/BA-H-Sociology_From-July-2019_Final-1.pdf
B.A. (H) Political Science	http://www.du.ac.in/uploads/RevisedSyllabi1/03092019/03092019-POL-1.%20Political%20Science%20BA%20Hons%20SEM%20I%20August.pdf
B.A. (H) Philosophy	http://philosophydu.website/wp-content/uploads/2019/07/BA-Hons-Philosophy-Booklet2.pdf