



Workshop on

FROM IDEA TO ENTERPRISE

An IPR Guide for School Students



Organised By

IPR Cell, Department of Holistic Education

A Unit of Vidya Bharti Institute of Training & Research Trust



In Collaboration With

**CSIR–Central Scientific Instruments Organisation
Chandigarh**



DEPARTMENT OF HOLISTIC EDUCATION

The Department of Holistic Education (DHE) was established to advance value-based, skill-oriented, and innovation-driven education aligned with the National Education Policy 2020. Inspired by the philosophy of Vidya Bharti, DHE works to nurture responsible citizens, creative thinkers, and ethical leaders by integrating **Bharatiya values, modern knowledge, and experiential learning.**

Founded in **2021** under Vidya Bharti Punjab and scaled nationally in **2023** under **VBTR Trust**, DHE today functions as a global **platform for educational reform, leadership development, and research and innovation in education.**



The **IPR Cell** is one of the 25 cells of DHE. Its the **first structured IPR-focused cell** working at the school and higher education level. The cell aims to:

- Create **IPR awareness among school students & teachers**
- Promote innovation, creativity, and design thinking
- Support patent, design, and copyright literacy
- Encourage startup mindset among students of schools and higher education
- Connect young innovators with national institutions



CSIR-CSIO

CSIR–Central Scientific Instruments Organisation, Chandigarh, is a premier national laboratory under the Council of Scientific & Industrial Research. CSIO plays a vital role in **research, development, and commercialization of scientific instruments**, supporting academia, industry, and national missions.

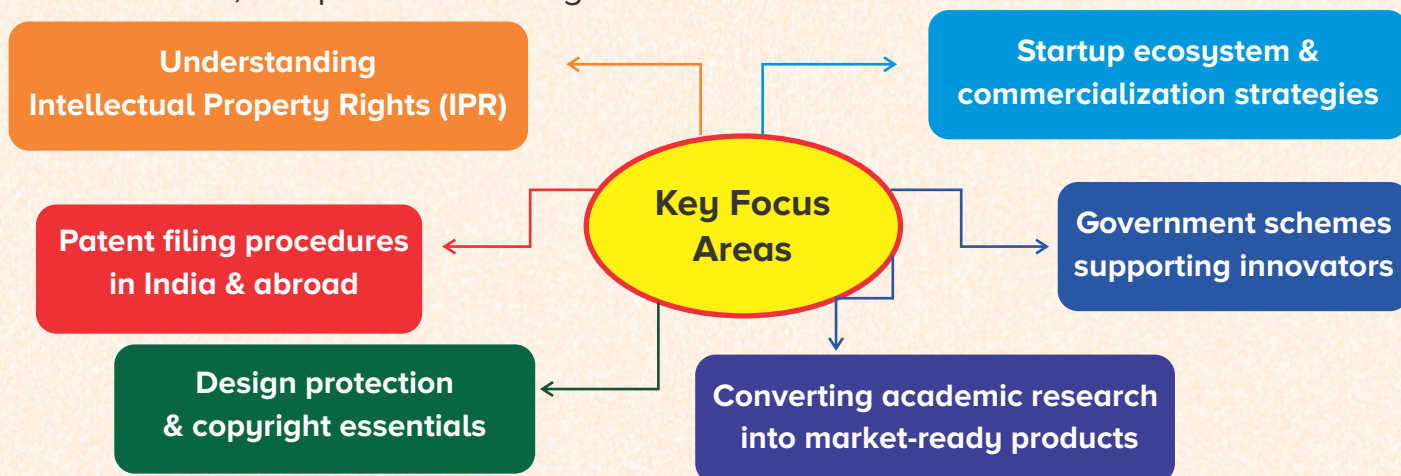
CSIO actively contributes to **IPR awareness, technology transfer, and innovation mentoring**, making it a strong partner for nurturing young innovators.



WORKSHOP OVERVIEW

The workshop aimed to **empower school students, teachers, and researchers** with practical knowledge to transform innovative ideas into viable enterprises through **Intellectual Property Rights (IPR) protection and strategic planning**.

The workshop witnessed **enthusiastic participation**, with active interaction, discussions, and problem-solving exercises.



Sessions and Resource Persons

✓ Session I | Academic Ideas For Entrepreneurial Ventures



Dr. Varsha Singh

Associate Professor, Chitkara University

Dr. Varsha Singh delivered an inspiring session on **nurturing innovation among students** and demonstrated how academic ideas can be shaped into entrepreneurial ventures. She emphasized **research orientation, structured thinking, and early IPR awareness**.

✓ Session II | Patent Drafting & Filing

Dr. Ruchi Singla

Scientific Advisor, IP Office | IP Mitra (Design Facilitator – SIPP)
Director & CEO, RAS Intellect Solutions, India

Dr. Ruchi Singla provided deep insights into: - Patent drafting & filing processes - National & international patent protection - Design registration - Government support under Startup India

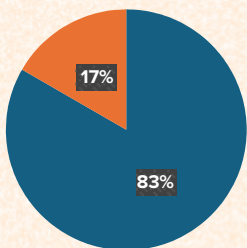
Her real-life case studies and practical assignment helped students understand **how ideas are protected and monetized**.





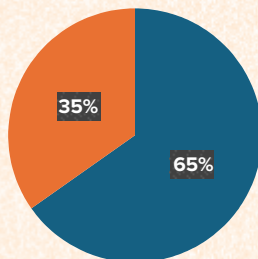
Participants Overview

Class-wise Students



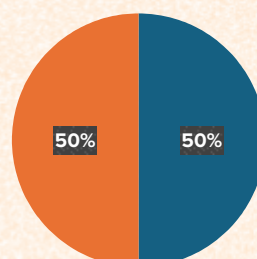
■ Class 9: **40 Students**
■ Class 11: **8 Students**

School-wise Students



■ St. Vivekanand Millennium School : 15 Students
■ Sharda Sarvhitkari Model Sr. Sec. School : 33 Students

School-wise Teachers



■ St. Vivekanand Millennium School
■ Sharda Sarvhitkari Model Sr. Sec. School

Early exposure to innovation & startup thinking

Enhanced IPR awareness among school students

Practical understanding of idea protection

KEY OUTCOMES

Strong academia–research institution linkage

Motivation towards research & entrepreneurship



FUTURE PLANS OF IPR CELL

- ✓ Regular IPR awareness programs for school students
- ✓ Collaborations with IITs, IIMs, NITs, CSIO, DRDO & other institutions
- ✓ Startup & innovation mentoring activities - Student innovation & activity camps
- ✓ Idea-to-prototype support initiatives



HOW TO PARTICIPATE

Schools interested in conducting IPR programs or innovation workshops may approach the Department of Holistic Education for collaboration.

Department of Holistic Education

A Unit of Vidya Bharti Institute of Training & Research Trust
E7, Orchid Towers, Sector-125, SAS Nagar, Punjab 140301

+91-160 453 3194 | +91-783 790 7516 | olympiad@shikshamahakumbh.com | dhe.org.in

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