

## INTRODUCTION

3.3.2 Workshops / Seminars organized on Intellectual Property Right (IPR), Research methodology, Good clinical Practice, Laboratory, Pharmacy and Collection practices, Research Grant writing and Industry-Academia Collaboration during the academic Year 2023 - 2024.

VISTAS promotes research in a streamlined and systematic manner. The first step in the promotion of research is to create awareness on the various components of research so that young faculty are motivated to take up research passionately. Therefore, workshops and seminars are organized on

- **Intellectual Property Right (IPR)**
- **Research Methodology**
- **Good clinical Practice**
- **Laboratory**
- **Pharmacy and Collection practices**
- **Industry-Academia Collaboration**

### **Intellectual Property Rights**

The vision of VISTAS - IPR is to be the source of new ideas and innovations in technology and science. The mission is to create an ambiance where new ideas and research flourish, fostering tomorrow's leaders and innovators. VISTAS - IPR has initiated the promotion of innovations among faculty, research scholars, and students. Subsequently, VISTAS – IPR has undertaken the protection of inventions and other creative works of its students, faculty, and research scholars, as IP has steadily grown in the institution. The IPR cell of VISTAS, established in association with TNSCST, serves as a platform for distributing IPR knowledge among VISTAS faculty members, research scholars, and students. Furthermore, AVISHKAR, an Intra-University technical expo, is organized for students to display their creative ideas as products, prototypes, or models.

## **Research Methodology**

Workshops in research methodology are organized for postgraduate students and research scholars in medicine, dental, engineering, and nursing fields. These programs help students understand the nuances of conducting research in their respective fields.

## **Good Clinical Practice**

The institution has organized workshops on good clinical laboratory practice focusing on demonstrating procedures for the proper use of Personal Protection, Equipment, sample registration, and data management.

## **Laboratory**

Many workshops have been organized on Laboratory Safety Protocols, Equipment Maintenance, Documentation and Record Keeping, Quality Control and Assurance, Standard Operating Procedures (SOPs), Waste Management, and Data Management and Analysis by the institution.

## **Pharmacy and Collection Practices**

The institution has organized various workshops on Inventory Management, Medication Safety and Quality Control, Prescription Handling, Payment Collection, and Revenue Cycle Management, Regulatory Compliance, Technology Integration, and Patient Engagement and Support.

## **Research Grant Writing**

Many programs on research grant writing were organized. Workshops on research grant drafting provide a platform for faculty members as well as undergraduate and postgraduate students to understand the importance of grant writing for successful research.

## **Industry-Academia Collaborations**

Workshops and seminars on industry-academia collaborations have been regularly organized by the institution, with a major focus on collaborating with industry partners to propose solutions for predominant challenges faced by the industry. The institution, in association with industries, pursues common goals of research, innovation, and entrepreneurship. These collaborations also provide an opportunity for students to experience experiential learning through collaborative programs, internships, student projects, and research projects, enhancing the overall learning atmosphere and increasing employability for the students.

Intellectual Property Right (IPR)	Research Methodology	Good Clinical Practice	Laboratory	Pharmacy and Collection practices	Research Grant Writing	Industry-Academia Collaborations
<b>5</b>	<b>14</b>	<b>8</b>	<b>6</b>	<b>10</b>	<b>3</b>	<b>18</b>
<b>64</b>						

**Workshops / Seminars organized on Intellectual Property Right (IPR), Research methodology, Good clinical Practice, Laboratory, Pharmacy and Collection**

practices, Research Grant writing and Industry-Academia Collaboration during the academic Year 2023 - 2024.

<b>Intellectual Property Right (IPR)</b>				
<b>S.No</b>	<b>Department</b>	<b>Name of the Workshop / Seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>
1	Pharmacognosy	Intellectual Property Rights- Patents and Designs filing	197	26.07.2023
2	MBA	IP Rights in the Digital Age: Challenges and Opportunities	87	14.08.2023
3	BCA	Unlocking Innovation: A Guide to Intellectual Property Rights	105	01.11.2023
4	Law	Protect Your Ideas: Mastering Intellectual Property Law	136	06.03.2024
5	BBA	The role of Invention and Innovation in Business	127	15.03.2024
<b>Research Methodology</b>				
<b>S.No</b>	<b>Department</b>	<b>Name of the Workshop / Seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>
1	Biotechnology	Career Opportunities in Biotechnology	84	17.08.2023
2	Commerce (Corporate Secretaryship)	Data Analysis Techniques: From Descriptive to Inferential Statistics	57	31.08.2023
3	Mechanical	Innovative Approaches to Research Methodology	41	02.09.2023
<b>S.No</b>	<b>Department</b>	<b>Name of the Workshop / Seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>

4	Biochemistry	Quantitative vs. Qualitative Research: Choosing the Right Approach	53	16.10.2023
5	Pharmaceutical Chemistry and Analysis	Pharmacovigilance and Drug Safety Research Methodologies	114	16.10.2023
6	Mass Communication	Cinematic Photography: Telling Stories through Images	23	19.02.2024
7	Mass Communication	Fighting Fake News: The Vital Role of Fact-Checking in the Media Landscape	129	06.03.2024
8	EEE	Mastering Research Methodology: Tools and Techniques for Success	47	08.03.2024
9	Pharmacy	Molecular Docking by PYRX Software	58	16.03.2024
10	CSE	Exploring Research Methodologies: Best Practices for Effective Studies	104	06.03.2024
11	Bioinformatics	How to Use Software Tools for Data Analysis in Research	32	01.04.2024
12	Microbiology	Systematic Reviews and Meta-Analyses in Healthcare Research	46	03.04.2024
13	VMCH	Clinical Trial Design: Methodologies for Evidence-Based Medicine	41	09.04.2024
14	Nursing	Data Collection Methods: Surveys, Interviews, and Observation	67	11.04.2024
<b>Good clinical Practice</b>				

S.No	Department	Name of the Workshop / Seminar	Number of Participants	Date From – To
1	VMCH	Conference on Good Clinical Practices	120	12.03.2024
2	Biotechnology	Sustainable Community Development: Balancing Environment and Economic Needs	86	29.02.2024
3	Pharmaceutical Chemistry and Analysis	Overview On Memory Enhancers from Nutraceuticals	95	14.08.2023 to 19.08.2023
4	Biomedical Engineering	Data Acquisition with Biopac System	50	16.10.2023
5	Biomedical Engineering	Wearable technology in healthcare	45	26.10.2023
6	Biomedical Engineering	Role of Biomedical Engineer in Hospitals	60	04.08.2023
7	Biochemistry	Epidemiology of Infectious Diseases	72	29.02.2024
8	Biotechnology	Principles of Early Drug Discovery”	86	05.04.20224
<b>Laboratory</b>				
S.No	Department	Name of the Workshop / Seminar	Number of Participants	Date From – To
1	Bioinformatics	Bioinformatics and Drug designing	40	07.03.2024 to 08.03.2024
2	Microbiology	Microbiological Techniques in the Lab: From Culturing to Identification	49	13.03.2024
S.No	Department	Name of the Workshop / Seminar	Number of Participants	Date From – To
3	Chemistry	Handling Hazardous	32	22.03.2024

		Materials: Safety and Protocols in the Laboratory		
4	Biomedical Engineering	Biomaterials and Its Applications	43	01.04.2024
5	Pharmacy Practice	Lab-Based Research in Pharmacology: Drug Discovery and Testing	87	10.04.2024
6	MBA	Laboratory Information Management Systems (LIMS): Enhancing Data Management	92	16.04.2024

### Pharmacy and Collection practices

S.No	Department	Name of the Workshop / Seminar	Number of Participants	Date From – To
1	Pharmaceutical Chemistry and Analysis	Fostering the Drug Design Via Artificial Intelligence and Sanctifying Molecular Docking Studies	225	24.07.2023 to 28.07.2023
2	VMCH	E-Health Records: Data Collection, Management, and Security in Pharmacy Practice	46	11.09.2023
3	Nursing	Blood Sample Collection and Handling for Pharmacokinetic Studies	74	20.09.2023
4	Nursing	Recent Advances in Drug Delivery Systems	89	04.10.2023
5	VMCH	Collection and Analysis of Prescription Data: Trends in Drug utilization	40	10.10.2023
S.No	Department	Name of the Workshop / Seminar	Number of Participants	Date From – To

6	Pharmaceutics	Techniques in Collection of Microbial Samples for Antibiotic Research	36	10.10.2023
7	Pharmacy Practice	Clinical Pharmacy: The Role of Pharmacists in Patient-Centered Care	52	07.01.2024
8	Biotechnology	Biotechnology Studies in a global context	50	01.02.2024
9	Pharmaceutical Chemistry and Analysis	Field Collection Techniques for Natural Product Research in Pharmacy	49	12.02.2024
10	Pharmaceutics	Pharmaceutical Formulations: Challenges and Innovations	56	05.03.2024

### Research Grant Writing

S.No	Department	Name of the Workshop / Seminar	Number of Participants	Date From – To
1	Mathematics	How to write proposal for Research, Funding and Consulting project for academicians	54	01.11.2023
2	Civil	Identifying Funding Opportunities: Finding the Right Grant for Your Research	48	01.02.2024
3	Biomedical	Translating Scientific Ideas into Fundable Research Proposals	56	12.03.2024



## Industry-Academia Collaborations

S.No	Department	Name of the Workshop / Seminar	Number of Participants	Date From – To
1	MBA	Logistics and Shipping	72	06.03.2024
2	Pharmaceutical Chemistry and Analysis	Generic Product Development for Global Pharmaceutical Industry	25	24.02.2024
3	Pharmaceutical Chemistry and Analysis	Fostering the Drug Design Via Artificial Intelligence and Sanctifying Molecular Docking Studies	400	24.07.2023-28.07.2023
4	Electronics and Communication Engineering	Trends to watch in embedded technologies	30	09.11.2023
5	Electronics and Communication Engineering	Design and Development of Automated Diagnosis Systems based on Artificial Intelligence Methods	150	31.08.2023
6	Electrical and Electronics Engineering	Career Opportunities For Electrical Engineers In Indian Navy	66	24.08.2023
7	Electrical and Electronics Engineering	Opportunities and Recruitment Process in Tamilnadu Generation and Distribution Corporation Ltd.	60	18.08.2023
8	Commerce	Skill Enhancement in Pursuit of the Modern Global Scenario	91	22.02.2024
9	Commerce	Higher Education and Job Opportunities for Business Professionals in Abroad	60	27.02.2024

S.No	Department	Name of the Workshop / Seminar	Number of Participants	Date From – To
10	Commerce	Entrepreneurial Development Programme	130	02.09.2023
11	Biomedical Engineering	Data Acquisition with Biopac System	60	16.10.2023
12	Biomedical Engineering	Biomaterials And Its Applications	57	01.04.2024
13	Visual Communication	Fighting Fake News: The Vital Role of Fact-Checking in the Media Landscape	85	06.03.2024
14	Visual Communication	Cinematic Photography: Telling Stories through Image	73	09.02.2024
15	MBA	Navigating Global Logistics: An insight into Freight Forwarding, LCL and NVOCC’,	40	27.07.2024
16	MBA	Preparing For a Career in Air Cargo Logistics: Industry Insights and Requirements from The Graduates	54	13.07.2024
17	MBA	Capacity Development and skills Enhancement initiative in logistics	59	10.02.2024
18	MBA	Budget Analysis-2024	70	16.02.2024