

2020-21



GURUGRAM GLOBAL COLLEGE OF PHARMACY GURUGRAM

Approved by AICTE, Govt. Of India & Pharmacy Council of India
Affiliated to Pt. B D Sharma University of Health Science Rohtak
Affiliated to Haryana Board of Technical Education

Ref. No. GGCP/2021-22/office/RM/17

Date: 3rd May 2021

NOTICE

Gurugram Global College of Pharmacy is going to organize a workshop on **"Integrating Quantitative and Qualitative Approach"** which will be held on 7th May 2021. The workshop seeks to bridge the gap between these two methodologies, enhancing participants' ability to design, execute, and analyze research that incorporates both qualitative and quantitative data

Date: 7th May 2021

Time: 10:00 am Onwards

Mode: Online

The workshop will begin with an introduction to the fundamentals of qualitative and quantitative research, highlighting the key differences and how they can complement each other. Participants will learn how to design mixed-methods research, including formulating research questions and hypotheses that integrate both approaches. The workshop will delve into data analysis, covering qualitative methods like thematic analysis and coding, as well as quantitative techniques involving statistical analysis and interpretation. A key focus will be on integrating data from both approaches in a cohesive analysis. Further, the workshop will guide participants on how to structure and present their mixed-methods research effectively, ensuring clear communication of their findings.

Dr. Indira Raheja
Principal, GGCP

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Workshops/Seminars/Conferences

"Integrating Quantitative and Qualitative Approach"

Date: 7th May 2021

Timing: 10.00 am to 4:00 pm

Duration: 5 Hours

Mode: Online

Total Students: 23

Program & Semester: B. Pharmacy (8th Semester)

Certificates will be awarded on successful completion of the workshop.



Speaker: Dr. Indira Raheja
Principal, GGCP

Report

“Integrating Quantitative and Qualitative Approach” Workshop designed for the Pharmacy field background audience of Gurugram Global College of Pharmacy, to be held on online mode.

Date & Time: 7th May 2021, 10:00 am Onwards

Total Students: 23

Duration: 5 hrs

Course Coordinator: Monika Semwal

Speaker: Dr. Indira Raheja

Course Objective

The primary objective of the workshop on "Integrating Quantitative and Qualitative Approaches" is to provide participants with a comprehensive understanding and practical skills for combining these two research methodologies in a cohesive and effective manner. By the end of the course, participants will be able to:

1. **Understand the Core Principles:** Grasp the fundamental concepts of both quantitative and qualitative research methods, including their strengths, limitations, and areas of application.
2. **Design Mixed-Methods Research:** Learn to formulate research questions and hypotheses that leverage the strengths of both qualitative and quantitative approaches. Understand how to design studies that effectively integrate these methodologies to address complex research problems.
3. **Execute Data Collection:** Gain practical skills in collecting data using both qualitative techniques (e.g., interviews, focus groups, ethnography) and quantitative methods (e.g., surveys, experiments). Learn how to combine these data collection methods to enhance the depth and breadth of research findings.
4. **Analyze and Integrate Data:** Develop the ability to analyze qualitative data using thematic analysis, coding, and narrative techniques, alongside quantitative data analysis using statistical methods. Learn how to integrate findings from both approaches to provide comprehensive insights into the research problem.



5. **Address Methodological Challenges:** Understand and address the common challenges and pitfalls associated with mixed-methods research, including issues related to data integration, ethical considerations, and maintaining the validity and reliability of research findings.
6. **Communicate Research Findings:** Learn how to effectively write and present mixed-methods research, ensuring that the integration of qualitative and quantitative data is clearly articulated and contributes meaningfully to the research conclusions.
7. **Utilize Research Tools:** Get hands-on experience with software tools that facilitate the integration of qualitative and quantitative data, making the process of mixed-methods research more efficient and accurate.
8. **Explore Future Trends:** Gain insights into emerging trends and innovations in mixed-methods research, preparing participants to apply these approaches to future research projects in the field of pharmacy and beyond.

Topics to be Covered

1. Introduction to Research Methodologies

- ✓ Overview of qualitative and quantitative research methods.
- ✓ Understanding the complementary nature of these approaches.

2. Designing Mixed-Methods Research

- ✓ Formulating research questions that integrate qualitative and quantitative approaches.
- ✓ Strategies for developing robust mixed-methods research designs.

3. Data Collection Techniques

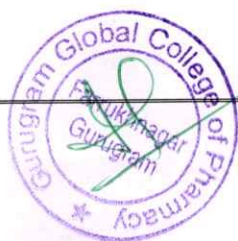
- ✓ Qualitative methods: interviews, focus groups, ethnography.
- ✓ Quantitative methods: surveys, experiments, observational studies.
- ✓ Best practices for combining qualitative and quantitative data collection.

4. Data Analysis Approaches

- ✓ Qualitative data analysis: thematic analysis, coding, narrative analysis.
- ✓ Quantitative data analysis: statistical techniques, interpretation of results.
- ✓ Techniques for integrating qualitative and quantitative data in analysis.

5. Case Studies and Practical Applications

- ✓ Real-world examples of successful mixed-methods research.
- ✓ Discussion on the application of integrated approaches in published studies.



6. Challenges and Solutions in Mixed-Methods Research

- ✓ Addressing methodological challenges in data integration.
- ✓ Overcoming common obstacles in mixed-methods research.

7. Ethical Considerations in Mixed-Methods Research

- ✓ Ensuring ethical standards in data collection and analysis.
- ✓ Managing ethical dilemmas unique to mixed-methods research.

8. Writing and Presenting Mixed-Methods Research

- ✓ Structuring research papers and reports that incorporate both methodologies.
- ✓ Effective communication of integrated research findings.

9. Software Tools for Mixed-Methods Research

- ✓ Overview of software tools that support mixed-methods research.
- ✓ Practical session on using selected software for data integration.

10. Future Trends in Mixed-Methods Research

- ✓ Exploring emerging trends and innovations in mixed-methods research.
- ✓ Identifying opportunities for future research using integrated methodologies.

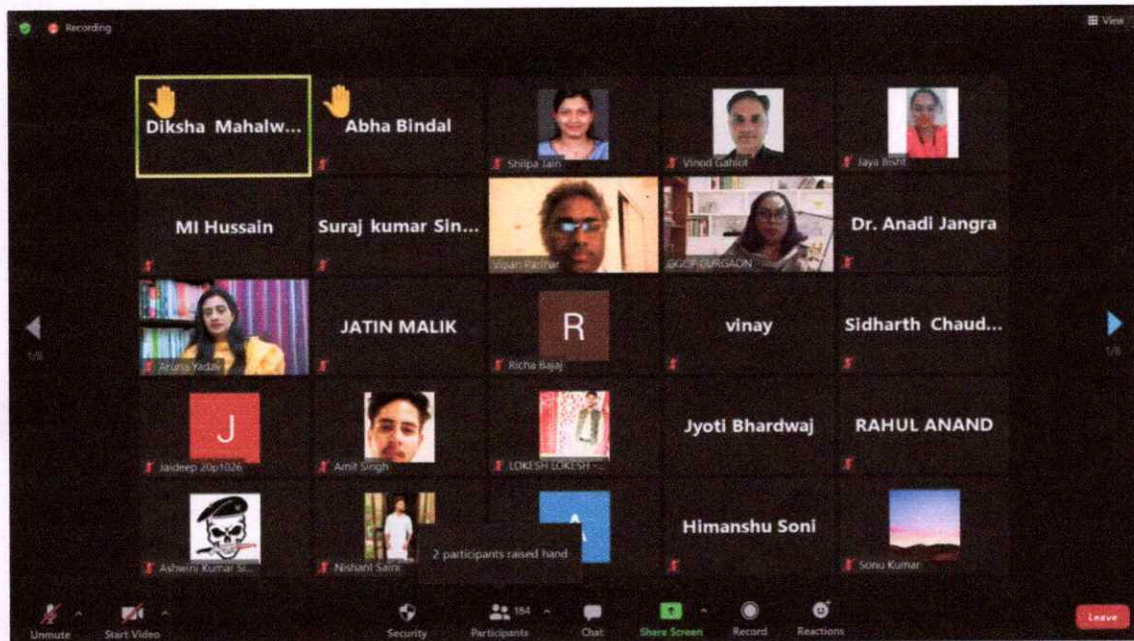
Learning Outcomes

By the end of the workshop on "Integrating Quantitative and Qualitative Approaches," participants will be able to:

- 1. Comprehend Research Methodologies:** Demonstrate a clear understanding of quantitative and qualitative research methods' key principles, strengths, and limitations.
- 2. Design Mixed-Methods Research:** Develop and design robust mixed-methods research proposals that effectively integrate qualitative and quantitative approaches to address complex research questions.
- 3. Collect and Integrate Data:** Skilfully collect data using both qualitative and quantitative methods and integrate these data sets to enhance the comprehensiveness and accuracy of research findings.
- 4. Analyze Data Across Methodologies:** Apply appropriate data analysis techniques for both qualitative and quantitative data and effectively combine the results to provide deeper insights into the research problem.



Photos of “Integrating Quantitative and Qualitative Approach”



Students List

Sr. No.	Registration no.	Name	Attendance
1	17-GGCG-01	BIKI ADHIKARI	P
2	17-GGCG-02	DHANANJAY SHARMA	P
3	17-GGCG-30	DHIRAJ KUMAR	P
4	17-GGCG-03	DIKSHA MAHALWAL	P
5	17-GGCG-24	GAURAV	AB
6	17-GGCG-04	HARSH KUMAR	P
7	17-GGCG-05	HIMANSHU SINGH	P
8	17-GGCG-06	HITESH NAFARIA	P
9	17-GGCG-07	KAPIL	P
10	17-GGCG-25	MAHIMA	P
11	17-GGCG-10	MANMEET KUMAR	P
12	17-GGCG-12	MOHIT	P
13	17-GGCG-15	NEHA SHARMA	P
14	17-GGCG-26	NISHA GOYAL	P
15	17-GGCG-19	SHITAL	AB
16	17-GGCG-28	SIDHARTH CHAUDHARY	P
17	17-GGCG-20	VIKAS SAINI	P
18	17-GGCG-27	VIKAS	AB
19	17-GGCG-22	YASH JASORIA	P
20	17-GGCG-23	UDIT SANWAL	P
21	17-GGCG-32	PRINCE TOMER	P
22	18P1501	AKASH	P
23	18P1502	KASHISH RAO	P





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WORKSHOP ON

INTEGRATING QUANTITATIVE & QUALITATIVE APPROACH



7 MAY
2021



TIME: 10 AM ONWARDS
MODE: ONLINE





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Ref. No. GGCP/2020-21/office/Ent/16

Date: 31 March 2021

NOTICE

Gurugram Global College of Pharmacy is going to organize a seminar on "**Pillars of Success Entrepreneurship in Pharmaceutical Industries**" will be held on 6 April 2021. This seminar aims to provide you with a comprehensive understanding of the significance and implications of Entrepreneurship in the pharmaceutical industry.

Date: 6 April 2021

Time: 10:00 AM Onwards

Venue: Swami Vivekanand Auditorium, C2 Block

Through interactive sessions and engaging discussions, participants will gain invaluable insights into the entrepreneurial landscape of the pharmaceutical sector.

Dr. Indira Raheja
Principal, GGCP



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Workshops/Seminars/Conferences

"Pillars of Success Entrepreneurship in Pharmaceutical Industries"

Date: 6 April 2021

Timing: 10.00 AM to 3.00 PM

Duration: 5 Hours

Venue: Swami Vivekanand Auditorium, C2 Block

Program & Semester: B. Pharmacy Students

Certificates will be awarded on successful completion of the seminar.

Speaker: Prof. (Dr.) Indira Raheja
(Principal, GGCP)



Report

This report provided a comprehensive overview of the seminar on "Entrepreneurship in the Pharmaceutical Industry," organized at Gurugram Global College of Pharmacy (GGCP) and delivered by Prof. (Dr.) Indira Raheja, the seminar aimed to equip B. Pharmacy students with essential knowledge and insights into entrepreneurial opportunities within the pharmaceutical sector. The report covered the seminar's objectives, agenda, keynote speakers, topics discussed, participant feedback, and recommendations for future seminars. Total 75 students attended the seminar.

Learning objectives:

1. Understand the fundamental principles of entrepreneurship in the pharmaceutical industry, including key challenges and opportunities.
2. Gain insight into innovative approaches to drug discovery, development, and commercialization, enhancing competitiveness in the market.
3. Navigate complex regulatory frameworks and compliance requirements to ensure successful market entry and product approval.
4. Develop strategies for securing funding and investment for pharmaceutical startups, including effective pitching to investors.
5. Learn how to leverage strategic partnerships and collaborations with academia, CMOs, and distributors to accelerate growth and market penetration.
6. Explore ethical considerations and corporate responsibility in pharmaceutical entrepreneurship, emphasizing patient welfare and societal impact.
7. Acquire practical knowledge of intellectual property rights (IPR) protection strategies to safeguard pharmaceutical innovations.
8. Understand market analysis techniques and identify unmet medical needs to capitalize on lucrative opportunities.
9. Enhance marketing and branding strategies for pharmaceutical products, including pricing, promotion, and distribution channels.
10. Analyze case studies and success stories of notable pharmaceutical entrepreneurs to extract valuable lessons and insights applicable to your own ventures.



Seminar Outcomes (SOs):

- Participants were equipped with a comprehensive understanding of the entrepreneurial landscape within the pharmaceutical industry, enabling them to identify and pursue opportunities with confidence.
- Attendees gained practical knowledge and actionable insights into innovative strategies for drug discovery, development, and commercialization, empowering them to drive forward-thinking initiatives within their organizations or ventures.
- By mastering the intricacies of regulatory compliance and market entry strategies, participants were prepared to navigate complex regulatory frameworks effectively, accelerating the path to product approval and market access.
- The seminar fostered strategic thinking and collaboration by providing participants with the tools and resources to forge impactful partnerships with key stakeholders, including academia, contract manufacturing organizations, and distribution channels.
- Ultimately, the seminar inspired and empowered pharmaceutical entrepreneurs to uphold ethical standards, prioritize patient welfare, and make meaningful contributions to the advancement of healthcare, fostering a culture of innovation and responsible entrepreneurship within the industry.



Photos of "Pillars of Success Entrepreneurship in Pharmaceutical Industries"





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ORGANISES PILLARS OF SUCCESS: ENTREPRENEURSHIP PHARMACEUTICAL INDUSTRIES



SPEAKER- DR INDIRA RAHEJA,
PRINCIPAL, GGCP



DATE: 6 APRIL 2021
TIME: 10:00 AM ONWARDS
VENUE: SWAMI VIVEKANAND
AUDITORIUM,
C2 BLOCK

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Ref. No. GGCP/2020-21/office/RM/15

Date: 16 March 2021

NOTICE

Gurugram Global College of Pharmacy is going to organize a seminar on "**Action Research Workshop Series**" will be held on 24 March 2021. This seminar aims to provide you comprehensive understanding of Research Methodology.

Date: 24 March 2021

Time: 11:00 AM Onwards

Venue: Swami Vivekanand Auditorium, C2 Block

The seminar will cover various components of a Qualitative Data Analysis, including data preparation, data interpretation etc. With a specific focus on their relevance to the pharmacy field.


Dr. Indira Raheja

Principal, GGCP



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Workshops/Seminars/Conferences

" Action Research Workshop Series"

Date: 24 March 2021

Timing: 11.00 AM to 1.00 PM

Duration: 2 Hours

Venue: Swami Vivekanand Auditorium, C2 Block

Program & Semester: B. Pharmacy Students

Certificates will be awarded on successful completion of the seminar.

Speaker: Dr. Renu Kadian
(Principal Ram Gopal College of Pharmacy)



Report

The Action Research Seminar conducted at Gurugram Global College of Pharmacy aimed to equip B. Pharmacy students with essential knowledge and skills in action research methodology. Organized under the leadership of Dr. Renu Kadian, Principal Ram Gopal College of Pharmacy The seminar provided a platform for students to delve into the principles and applications of action research in the field of pharmaceutical sciences. A total 61 students attended the seminar.

Explore the dynamic methodology of action research, delving into its core principles and methodologies over the course of interactive sessions. Uncover the iterative process of problem-solving, collaboration, and reflection inherent in action research, fostering a deep understanding of its potential for driving positive change. Dive into practical aspects such as research design, data collection, analysis, and interpretation, equipping yourself with the skills needed to conduct action research effectively. Navigate ethical considerations and stakeholder engagement, learning how to foster trust and collaboration while upholding the highest standards of research ethics. Discover strategies for translating research findings into actionable solutions, creating tangible impact in your communities and organizations. Join us and become a catalyst for change, empowered to harness the power of action research to address pressing challenges and advance the common good.

Learning objectives:

1. Understand the fundamental principles and methodologies of action research.
2. Learn how to identify and define research questions that are relevant and meaningful.
3. Gain practical skills in designing action research projects, including research design and methodology.
4. Explore various data collection techniques and methods suitable for action research contexts.



5. Develop proficiency in data analysis and interpretation, including qualitative and quantitative approaches.
6. Understand the ethical considerations and guidelines that govern action research conduct.
7. Learn strategies for engaging stakeholders effectively throughout the research process.
8. Explore techniques for translating research findings into actionable strategies and interventions.
9. Gain insights into fostering collaboration and building partnerships to create sustainable impact.
10. Develop the confidence and competence to undertake action research projects in diverse contexts, contributing to positive change in communities and organizations.

Seminar Outcomes (SOs):

1. Participants gained a thorough understanding of the principles and methodologies of action research.
2. They were able to design and implement action research projects effectively, from problem identification to data analysis.
3. Participants developed practical skills in various data collection and analysis techniques relevant to action research.
4. They understood the ethical considerations and guidelines associated with conducting action research and applied them in their research projects.
5. Participants learned strategies for engaging stakeholders and fostering collaboration throughout the research process.
6. They were able to interpret research findings and derive actionable insights to address real-world challenges.
7. Participants gained confidence in presenting their research findings effectively to diverse audiences.
8. They developed the capacity to translate research findings into practical solutions and interventions that created tangible impact.
9. Participants were equipped with the knowledge and skills to contribute to positive change in their communities and organizations through action research.



Photo of "Action Research Workshop Series"





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ORGANISES ACTION RESEARCH WORKSHOP



SPEAKER- DR. RENU KADIAN
PRINCIPAL, RAM GOPAL COLLEGE OF
PHARMACY

DATE: 24 MARCH 2021
TIME: 11:00 AM ONWARDS
VENUE: SWAMI VIVEKANAND AUDITORIUM,
C2 BLOCK



GURUGRAM GLOBAL
COLLEGE OF PHARMACY



DECEMBER
ACTION RESEARCH WORKSHOP

SPEAKER- DR. RENU KADIAN
PRINCIPAL RAM GOPAL COLLEGE OF
PHARMACY

DATE- 24 MARCH 2021
TIME- 10 AM ONWARDS
VEERAT SWAMI VIVEKANAND AUDITORIUM
CZ BLOCK



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Ref. No. GGCP/2020-21/office/RM/14

Date: 9 October 2020

NOTICE

Gurugram Global College of Pharmacy is going to organize a seminar on "**Case Study Analysis and Interpretation**" will be held on 15 October 2020. This seminar aims to provide you with a comprehensive understanding of Case Study Analysis and Interpretation.

Date: 15 October 2020

Time: 12:00 PM Onwards

Mode: Online

The seminar will cover various components of a Case Study Analysis and Interpretation, including Case Selection, Data Collection, Data Analysis, Interpretation of Findings etc. With a specific focus on their relevance to the pharmacy field.

Dr. Indira Raheja
Principal, GGCP



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Workshops/Seminars/Conferences

" Case Study Analysis and Interpretation"

Date: 9 October 2020

Timing: 12.00 PM to 3.00 PM

Duration: 3 Hours

Venue: Online Mode

Program: B. Pharmacy Students

Certificates will be awarded on successful completion of the seminar.



Speaker: Dr. Anshul Arora
(Associate Professor, GITM)

REPORT

"Case Study Analysis and Interpretation"

Gurugram Global College of Pharmacy focused on the "Case Study Analysis and Interpretation", an educational program designed to equip participants with the skills and methodologies required to analyze, interpret, and derive actionable insights from case studies. The seminar was particularly valuable in fields such as business, healthcare, law, and education, where case studies are key tools for understanding complex scenarios, decision-making processes, and the implications of various strategies.

The seminar provided both theoretical and practical knowledge, blending lectures on analytical techniques with hands-on sessions where participants engaged in the actual analysis of case studies. Its aim was to enhance critical thinking, problem-solving abilities, and the capacity to apply learned concepts to real-world situations. Various analytical frameworks, such as SWOT (Strengths, Weaknesses, Opportunities, Threats) analysis, PEST (Political, Economic, Social, Technological) analysis, and Porter's Five Forces, were introduced to help participants dissect case studies methodically.

Opportunities for group discussions and peer feedback fostered collaborative learning and helped participants refine their analytical and interpretation skills by considering different viewpoints. The "Case Study Analysis and Interpretation Seminar" provided participants with a comprehensive understanding of case study methodology and the analytical skills needed to interpret complex scenarios. By combining theoretical knowledge with practical application, the seminar prepared participants to tackle real-world challenges, make informed decisions, and contribute effectively to their respective fields. This seminar was essential training for professionals seeking to enhance their analytical capabilities and apply them in various industry contexts.



Details of the Seminar

Date: 15 October 2020

Time: 12:00 P.M Onwards

Duration: 3 Hours

Venue: Online Mode

Program & Semester: B. Pharmacy students

No. of Participants: 103

Speaker: Dr. Anshul Arora (Associate Professor, GITM)

Course Objective:

- To gain a comprehensive understanding of the case study as a research method, including its types, purposes, and applications across various fields.
- To equip participants with the ability to systematically analyze case studies using established analytical frameworks such as SWOT, PEST, and Porter's Five Forces.
- To enhance participants' skills in identifying key issues, assessing different strategies, and making informed conclusions based on the data presented in the case study.
- Improving participants' ability to interpret complex data and narratives within case studies, drawing meaningful insights that can guide decision-making processes.

Learning Outcomes:

- Learned the key steps involved in designing and conducting a case study, from selecting appropriate cases to framing research questions.
- Students improved problem-solving abilities, applying innovative and evidence-based approaches to address real-world challenges.
- Learned to build teamwork skills and the ability to contribute effectively to group discussions and projects.



Photos of "Case Study Analysis and Interpretation Seminar"





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Organises Case Study Analysis & Interpretation Seminar



Speaker- Dr Anshul Arora, GITM



Date: 15 October 2020
Time: 12:00 pm Onwards
Venue: Online Mode

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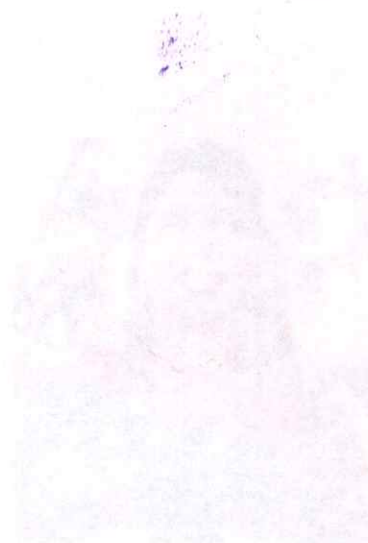


Pharmaceutical Chemistry - I
Semester - I

Date: _____

Page No. _____

Case Study: Analyze & Interpretation of Spectral



Signature of Student: _____

