

#### ANNALIKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

Ethirmedu, B.Komarapalayam - 638 183, Namakkal Dist. Tamilnadu. India Approved by : Pharmacy Council of India, New Delhi & The TamilnaduDr.M.G.R Medical University, Chennai. Website: www.jkkmmrfpharmacy.edu.in/E-Mail: principal@jkkmmrfpharmacy.edu.in-Contact No.: +919789456750, +919943069944, +919943066944

DATE: 05/08/19

#### DEPARTMENT OF PHARMACEUTICAL CHEMISTRY REPORT

SEMINAR - Qualitative & Quantitative Research

**VENUE: SEMINAR HALL** 

DATED: 26/07/19-27/07/19

RESOURCE PERSONS:

Dr. K. SRINIVASAN, M.PHARM, Ph.D. NANDHA COLLEGE OF PHARMACY, ERODE...

No. of students enrolled: 350

No. of students certified: 350

No. of students certified in our institution: 35

Introduction:

The seminar on Qualitative research and Quantitative Research was held on July 26th and 27th, 2019 at JKKMMRF's AnnaiSampoooraniAmmal College of Pharmacy. The seminar was organized by the Department of Pharmacy, and a total of 350 students participated. The purpose of the seminar was to provide attendees with an introduction to the basics of qualitative research and to introduce them to the use of qualitative and quantitative research as a tool for analyzing and organizing qualitative data. At the end of the seminar, all attendees received a certificate of completion.

#### Objectives:

The main objectives of the seminar were to:

- Introduce attendees to the principles of Quantitative Research deals with numbers and statistics, while Qualitative Research deals with words and meanings.
- Provide an overview of the different types of qualitative data and how to collect and analyze them
- Introduce attendees to the use of QUALITATIVE & QUANTITATIVE RESEARCH for organizing and analyzing qualitative data
- Provide attendees with the opportunity to practice using QUALITATIVE & QUANTITATIIVE RESEARCH through hands-on exercises

Participants:

The seminar was open to all stude nto at IKKMIRF's AnnaiSampoooraniAmmal College of Pharmacy, and a total of 350 stu deix par 2001 led The attendees represented a range of field of phimary, including pharmacology, pharmaceutical ce, Most of the attadees had some Brior expellence with academic disciplines within the chemistry, and pharmacy prac

Dr. N.SENTHILKUMAR,

PRINCIPAL

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY ETHIRMEDU, KOMARAPALAYAM - 638 183. NAMAKKAL DISTRICT, TAMILNADU, INDIA.

qualitative research, but some were new to the field.

#### Format:

The seminar was structured as a combination of lectures, group discussions, and handson exercises. The lectures were led by an experienced researcher with expertise in qualitative research and quantitative research, and the hands-on exercises were led by a trained facilitator. The seminar was held over two full days, with breaks in between to allow attendees to rest and ask questions.

#### Content:

The seminar covered a range of topics related to qualitative research and quantitative research. On the first day, attendees learned about the different types of qualitative data, including interview transcripts, focus group transcripts, and observational field notes. They also learned about the different approaches to analyzing qualitative data, including coding, memoing, and categorizing. On the second day, attendees learned to organize and analyze their qualitative data, including importing data, coding text, and creating visualizations.

#### Evaluation:

At the end of the seminar, attendees were asked to complete a short evaluation form to provide feedback on the seminar. Overall, the evaluations were very positive, with most attendees rating the seminar as "excellent" or "good." Attendees commented that the lectures were clear and well-organized, and that the hands-on exercises were helpful in providing a practical understanding of QUALITATIVE & QUANTITATIVE RESEARCH.

#### Conclusion:

Overall, the seminar on qualitative research and quantitative research was a success. A total of 350 students participated, and all attendees received a certificate of completion. The positive feedback from attendees suggests that the seminar met its objectives and was well-received by the participants. The skills and knowledge gained from the seminar will be valuable to the students as they continue their studies and pursue careers in the field of pharmacy.

#### Recommendations:

Based on the evaluations and feedback from attendees, we recommend offering similar workshops in the future to continue to build capacity in qualitative research and quantitative research at JKKMMRF's AnnaiSampoooraniAmmal College of Pharmacy. It may also be helpful to consider offering more advanced seminar for those who have already completed the basic seminar and are looking to further develop their skills.

HOD

Programme Co-ordinator

Dr. N. SENTHILKUMAR, PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, ETHIRMEDU, KOMARAPALAYAM - 638 183.

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Date: 17/07/2019

REF.NO: JKKM/PH/WORKSHOP/REQ/2019/07

From

Department of Pharmaceutical Chemistry,

JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy,

Komarapalayam, Namakkal [Dist],

Tamil Nadu,

PIN:638183.

To

The Principal,

JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy.

Komarapalayam, Namakkal [Dist]

Tamil Nadu,

PIN:638183.

#### Respected Sir,

Subject: Letter for requesting Permission to conduct seminar regarding:-

We are writing this letter to request permission to conduct a seminar in the Seminar hall for two days, on 26/07/19 and 27/07/19. We wish to conduct the seminar on Qualitative & Quantitative Research . We believe that this will be a very informative session that many students will wish to attend.

We request you to kindly permit to conduct training program as this would be a great opportunity for Students to learn all about Qualitative & Quantitative Research that would help to shape the students.

Looking forward for your approval.

Thank you

Dr. N. SENTHILKUMAR

Yours sincerely,

PRINCIPAL

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY.

ETHIRMEDU, KOMARAPALAYAM - 638 183. MAMAKKAL DISTRICT, TAMILNADU.



#### J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNALJKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

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#### Circular

This is to inform all the students of our college that the seminar on Qualitative and Quantitative Research for the academic year 2019-2020 will be commenced on 26/07/19 and 27/07/19 for all the batches. Hence request all the interested candidates to register for the seminar.

Course Name	Schedule	Venue	Resource Person
Qualitative & Quantitative Research	26/07/19 to 27/07/19	SEMINAR HALL	Dr.K.Srinivasan

All the above mentioned students must enrol and actively participate in the course without fail.

NOTE: Certificates should be issued to all the students after completion of the course and examination.

Co-ordinator

Principa

Dr. N. SENTHILKUMAR. PRINCIPAL

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY ETLIEMEDU, KOMARAPALAYAM - 638 183.

NE WAKKAL DISTRICT, TAMILNADU.

Dr. N.SENTHILKUMAR,

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NAMAKKAL DISTRICT. TAMILNADU. INDIA.

JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam.



# TOPIC OF DISCUSSION

Qualitative & Quantitative Research

26 & 27 JULY 2019 FROM 10AM

SPEAKER

Dr.K.Srinivasan, M.Pharm,PhD Nandha College of Pharmacy, Erode.

Venue: Seminar Hall

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Dr. N. SENTHILKUMAR, PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNALUKE SAMPOORANIAMMAL COLLEGE OF PHARMAL

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#### **ABOUT THE TOPIC**

#### QUALITATIVE AND QUANTATIVE RESEARCH

Quantitative researchQuantitative research is **expressed in numbers and graphs**. It is **used to test or confirm** theories and assumptions. This type of research can be used to establish **generalizable facts** about a topic.

Common quantitative methods include experiments, observations recorded as numbers, and surveys with closed-ended questions.

Quantitative research is at risk for research biases including information bias, omitted variable bias, sampling bias, or selection bias.

Qualitative research Qualitative research is **expressed in words**. It is **used to understand** concepts, thoughts or experiences. This type of research enables you to gather **in-depth insights** on topics that are not well understood.

Common qualitative methods include interviews with open-ended questions, observations described in words, and literature reviews that explore concepts and theories.

Qualitative research is also at risk for certain research biases including the Hawthorne effect, observer bias, recall bias, and social desirability bias.

Quantitative research	Qualitative Research
Focuses on testing theories and hypotheses	Focuses on exploring ideas and formulating a theory or hypothesis
Analyzed through math and statistical analysis	Analyzed by summarizing, categorizing and interpreting
Mainly expressed in numbers, graphs and tables	Mainly expressed in words
Requires many respondents	Requires few respondents
Closed (multiple choice) questions	Open-ended questions
Key terms: testing, measurement, objectivity, replicability	Key terms: understanding, context, complexity, subjectivity

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# DEPARTMENT OF PHARMACEUTICAL CHEMISTRY SEMINAR FEEDBACK FORM

STUDENT NAME:	DATE:
YEAR/ COURSE :	
NAME OF THE SEMINAR:	
COURSE CODE:	DURATION:

#### **EVALUATE HONESTLY:**

Questions	Excellent	Good	Fair	Poor
The objectives of the training were				
The instructor's contribution to the course was:				
The presentation materials were relevant				
The instructor's effectiveness in teaching the subject matter was:				
Answers to the students questions by the instructor				
The venue was appropriate for the event				
Course organisation was:				
Level of course was				
Course content was:				

#### **Student Participation**

- 1. On average, how many hours a week did you spend on this course (in and out of class)?

  A)0-2 B) 2-5 C)6-10 D)11-14 E)15UP
- What grade do you expect in this course?
   A)BELOW 50% B) 50-60% C) 60-70% D) 70-80% E) ABOVE 80%

AND HOLD TO

SIGNATURE Dr. N. SENTHILKUMAR, PRINCIPAL,



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#### DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

#### STUDENT FEEDBACK FORM

	E OF STUDENT:	REGISTRATION NO:
COUF		YEAR & SEMESTER:
SEIVIII	NAR TOPIC:	DATE & TIME:
1.	Overall, how satisfied were you with t	his seminar?
	Very satisfied	
	Satisfied	
	Neutral	
	Dissatisfied	
	Very dissatisfied	
2.	How clear were the ideas and cone	cepts we presented?
	Extremely clear	
	C Very clear	
	Moderately clear	
	Not very clear	
	Not at all clear	
3.	What percentage of the information	on was new to you?
	100%	
	75%	
	50%	
	25%	
4.	How informative did you find our	seminar?
	Extremely Informative	
	Very Informative	
	Moderately Informative	
	Not very informative	
	Not informative at all	
5.	Were there any technical issues th	at prevented you from seeing or hearing the seminar?
	Yes	Must
	No	Dr. N. SENTHII KUMAR,
	126	JIKK ANANTRAJAH MET THE STORY CH FOUNDATION
		ANNALJKK SAMPOORAN AMMAL COLLEGE OF PHARMACY,

ETHIRMEDU KOMARAPALAY

NAMAKKAL DISTRICT

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Good Fair Poor Not at all clear How would you rate the content of the seminar?  1 2 3 4 5	6.	Would you like to learn more about this topic?
C Extremely clear  Very clear  Moderately clear  Not very clear  Not at all clear  8. How accurate was the session description?  Extremely clear  Very clear  Moderately clear  Not very clear  Not at all clear  9. How did the session compare to your expectations  Excellent  Good  Fair  Poor  Not at all clear  10. How would you rate the content of the seminar?  1  2  3  4  5		res
Very clear  Moderately clear  Not very clear  Not at all clear  Not at all clear  Extremely clear  Very clear  Moderately clear  Very clear  Moderately clear  Not very clear  Not very clear  Not at all clear  9. How did the session compare to your expectations  Excellent  Good  Fair  Poor  Not at all clear  10. How would you rate the content of the seminar?  1  2  3  4  5	7.	Rate the content of the slides/virtual aid?
9. How did the session compare to your expectations  Excellent  Good  Fair  Poor  Not at all clear  How would you rate the content of the seminar?  1  2  3  4  5	8.	Very clear  Moderately clear  Not very clear  Not at all clear  How accurate was the session description?  Extremely clear  Very clear  Moderately clear  Not very clear
Good Fair Poor Not at all clear How would you rate the content of the seminar?  1 2 3 4 5	9.	How did the session compare to your expectations?
5		Good Fair Poor Not at all clear How would you rate the content of the seminar?
		C 4

STUDENT NAME WITH SIGNATURE

Dr. N. SENTHILKUMAR,
PRINCIPAL,



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#### STUDENTS FEEDBACK ANALYSIS

DATE: 26/07/2019-27/07/2019

MUNIRAJAH MEDICAL RESEARCH FOUNDATION

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S.NO	QUESTION DESCRIPTION	ANSWERS	MARKS	TOTAL MARKS
1	Satisfaction	Very satisfied	5	
		Satisfied	3	
		Neutral	2	5
		Dissatisfied	1	
		Very dissatisfied	0	
		Extremely clear	5	
		Very clear	4	
2	Clarity	Moderately clear	2	5
		Not very clear	1	
		Not at all clear	0	
		100%	5	
	Percentage of the information was new	75%	4	
3		50%	3	5
		25%	2	
		0%	1	
		Extremely Informative	5	
	Informative	Very Informative	3	
4		Moderately Informative	2	5
		Not very informative	1	
		Not informative at all	0	
5	Technicalianus	Yes	5	<u> </u>
	Technical issues	No	0	3
6	Like to learn more about this topic	Yes	5	1
U	Like to learn more doods tins topic	Nunirajan	0	MA
	1.1	1 3	Dr.	N. SENTHILKUMAR,
		25 201		PRINCIPAL.

		Extremely clear	5	5,
7	Rate the content of the slides/virtual aid	Very clear	3	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
		Extremely clear	5	
		Very clear	3	
8	Accuracy of the sessions	Moderately clear	2	5
		Not very clear	1	
		Not at all clear	0	
		Excellent	5	
		Good	3	
9	Session expectations	Fair	2	5
		Poor	1	
		Not at all clear	0	
		1	1	
		2	2	
10 Rate th	Rate the content of the seminar	3	3	5
		4	4	
		5	5	

Total marks = 50

HEAD OF THE DEPARTMENT

SCONFIGURE 3

PRINCIPAL



# J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

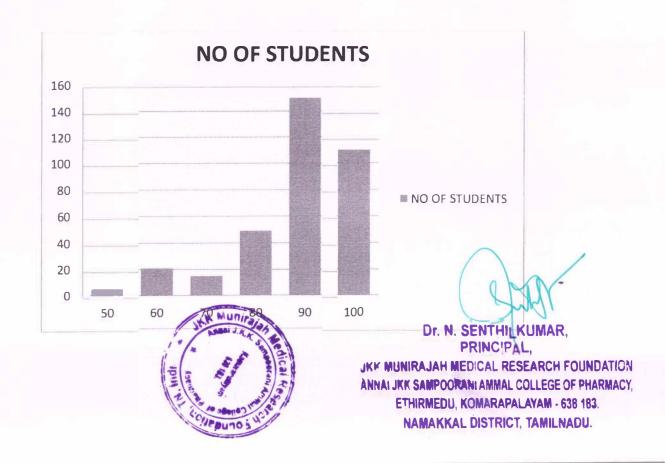
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#### REPORT SUMMARY

#### Feedback Question Analysis - Question Asked-Feedback Rating

1.Satisfaction	6.Like to learn more about this topic	
2.Clarity	7.Rate the content of the slides/virtual aid -	
3. Percentage of the information was new	8.Accuracy of the sessions	
4.Informative	9.Session expectations	
5.Technical issues	10.Rate the content of the seminar	





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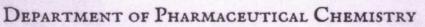
#### **LIST OF PARTICIPANTS**

01	SALMANSHERIFF K	IV YR	B.PHARM
02	SANGEETHA R	IV YR	B.PHARM
03	SANTHIYA G	IV YR	B.PHARM
04	SANTHOSH S	IV YR	B.PHARM
05	SANTHOSH KUMAR P	IV YR	B.PHARM
06	SARALA R	IV YR	B.PHARM
07	SARAN K	IV YR	B.PHARM
08	SATHISH P	IV YR	B.PHARM
09	SATHISH KUMAR V	IV YR	B.PHARM
10	SELVA GANAPATHI I	IV YR	B.PHARM
11	SHAIMA SHERIN P	IV YR	B.PHARM
12	SHRIDHARAN L K	IV YR	B.PHARM
13	SHRIRAM E	IV YR	B.PHARM
14	SOUNDARA PANDIYAN G	IV YR	B.PHARM
15	SOUNDARRAJAN S	IV YR	B.PHARM
16	SOUNDARA RAJA VEL K	IV YR	B.PHARM
17	SREEKANTH P	IV YR	B.PHARM
18	SRIRANGANATHAN RADHAKRISHNAN	IV YR	B.PHARM
19	SUDHAKAR K	IV YR	B.PHARM
20	SURYA S	IV YR	B.PHARM
21	SYED ASIF A	IV YR	B.PHARM
22	SYED MOHAMED S	IV YR	B.PHARM
23	TAMILARASAN M	IV YR	B.PHARM
24	TAMILARASU A	IV YR	B.PHARM
25	VANITHA M	IV YR	B.PHARM
26	VENKATESH S	IV YR	B.PHARM
27	VENUGOPAL R	IV YR	B.PHARM
28	VIGNESH B	IV YR	B.PHARM
29	VIGNESH R	IV YR	B.PHARM
30	VIJAY V	IV YR	B.PHARM
31	VISHNU M S	IV YR	B.PHARM
32	VISHNU PRIYA S	IV YR	B.PHARM_
33	VIVEK M	IV YR	B.PHARM
34	YAZHLMOZHLI S	·IV YR	B.PHARM ()
35	KARTHIKEYAN	YR	B.PHARM
	17	188	Dr. N. SENTHILL



# JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy

Komarapalayam-638183,Namakkal



One Days Seminar on Qualitative and Quantittive Research This is to certify that



has appreciated for his/her contribution as Delegate/Resource person/Organizing Committee Member in the One Day Seminar held on 27 July 2019

Organizing Secretary

Convenor



PRINCIPAL,



# JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy



Komarapalayam-638183,Namakkal

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY One Days Seminar on Qualitative and Quantittive Research This is to certify that

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Organizing Secretary

IAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY. ETHIRMEDU, KOMARAPALAYAM - 638 183. NAMAKKAL DISTRICT, TAMILNADU.



PRINCIPAL.



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Komarapalayam-638183,Namakkal

One Days Seminar on

Qualitative and Quantittive Research

This is to certify that

VISHNU PRTYA .S

has appreciated for his/her contribution as Delegate/Resource person/Organizing Committee Member in the One Day Seminar held on 27 july 2019

Organizing Secretary

Dr.N. SENTHHIKUMAR,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, ETHIRMEDU, KOMARAPALAYAM - 638 183.



Dr. N. SENTHILKUMAR, PRINCIPAL,