



VELAMMAL MEDICAL COLLEGE
HOSPITAL AND RESEARCH INSTITUTE
MADURAI - 625009

2021-22

Workshop on Research Methodology

R & D Department

Report

On 5th August 2021, the R & D Department of Velammal Medical College Hospital & Research Institute organized a webinar on Research Methodology. The event was held online via Zoom from 2:00 PM to 4:00 PM. The webinar aimed to provide participants with essential knowledge and skills for conducting research in the medical field.

The webinar featured two distinguished speakers who shared their expertise in the field of medical research. Dr. Vijayababu, Professor in the Department of Pharmacology at Annapoorna Medical College, Salem, discussed Conducting Clinical Trials.

He provided an overview of the clinical trial process, including study design, selection of participants, and ethical considerations. Dr. Vijayababu also highlighted the importance of adherence to good clinical practice guidelines in conducting clinical trials.

Dr. K. Sujatha, Assistant Professor at Government Medical College, Namakkal, delivered a presentation on Elements of a Protocol for Research Studies. She explained the essential components of a research protocol, including the background and rationale, study design, inclusion and exclusion criteria, outcome measures, and statistical analysis plan.

Dr. Sujatha also emphasized the significance of a well-designed research protocol in ensuring the validity and reliability of research results. The webinar was attended by 275 participants including medical professionals, researchers, and students from various institutions.

The event was highly informative and interactive, with participants actively engaging in discussions and asking questions.

Dr. K. Sujatha
Velammal Medical College Hospital
and Research Institute
"Velammal Village"
Madurai-Tulicorin Ring Road
Anuppanadi, Madurai-625 009, T.N.



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Uses of Animals

Animals are used in research or experiments in place of human subjects for various reasons

- since they are animals (mammals closely related to hum)an physiology
- Can create animal models and induce diseases easily
- Short life span
- Can test toxicity (both acute and chronic)
- Teratogenic

V5Q2+75M, Chinthamani, Tamil Nadu 625009, India

Chinthamani
Tamil Nadu
India

2021-08-05(Thu) 02:04(pm)

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99°F

Methodology

- Study variables & Outcome measures
- Definitions of all terms and variables
- Methodology of data collection
- Method of analysis including computer packages & statistical methods

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Chinthamani
Tamil Nadu
India

2021-08-05(Thu) 03:46(pm)

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99°F

T. Thirunavukkarasu
Prof. T. THIRUNAVUKKARASU, M.D., D.A.,
Dean
Velammal Medical College Hospital
and Research Institute
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Webinar on Research Methodology - I

CLINICAL TRIALS

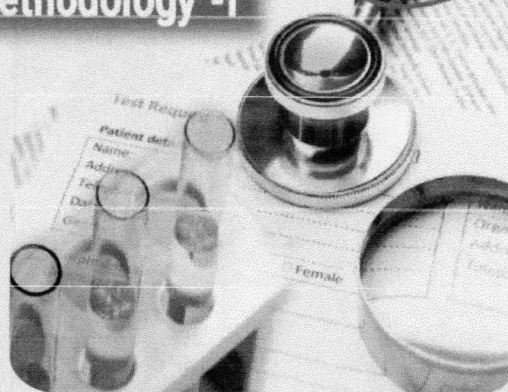
DR. VIJAYABABU,

Professor,
Department of Pharmacology,
Annapoorna Medical College,
Salem.

ELEMENTS OF A PROTOCOL FOR RESEARCH STUDIES

DR. K. SUJATHA,

Assistant Professor,
Government Medical College,
Namakkal.



DATE : 05.08.2021

TIME : 2 PM - 4 PM

PATRON

CHAIRMAN - MR. M.V.MUTHURAMALINGAM

ADVISORS

DEAN : DR. THIRUNAVUKKARASU

MEDICAL SUPERINTENDENT : DR. DAMODARAN

VICE PRINCIPAL : DR. MOHANTY

DR. JHANSI CHARLES

(R&D COORDINATOR)

ORGANISING CHAIRPERSON

DR. ANU

(R&D COORDINATOR)

ORGANISING CHAIRPERSON



REGISTRATION LINK

<https://vmcsh.com/rmweb>

Meeting ID : 00000000

Passcode : xxxxxxxx

DR. PRAVIN RAJ SOLOMEN

ASSISTANT PROFESSOR, R&D

T. Thirunavukkarasu

Prof. T. THIRUNAVUKKARASU, M.D., D.A.,
Dean

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and Research Institute
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Zoom Link

Velammal Hospital is inviting you to a scheduled Zoom meeting.

Topic: Research Methodology I

Time: Aug 5, 2021 01:30 PM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us02web.zoom.us/j/86993888608?pwd=bXRreW1maDlaQ3ZvSnd2cWNwU0tXUT09>

Meeting ID: 869 9388 8608

Passcode: 932160

One tap mobile

+16465588656,,86993888608#,,,,*932160# US (New York)

+13017158592,,86993888608#,,,,*932160# US (Washington DC)

Dial by your location

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 869 9388 8608

Passcode: 932160

Find your local number: <https://us02web.zoom.us/j/keO9xkblY>

Prof. T. THIRUNAVUKKARASU, M.D., D.A.,
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and Research Institute
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Brochure

Conducting clinical trials – Dr. Vijayababu, Professor, Department of Pharmacology, Annapoorna Medical College, Salem.

Elements of a protocol for research studies – Dr. K. Sujatha, Assistant Professor, Government Medical College, Namakkal.

Date: 05.08.2021

Time: 2 pm – 4 pm

Mode: Zoom

Registration – link

Patron: Chairman - Mr.M.V.Muthuramalingam

Advisors:

Dean: Dr. Thirunavukkarasu

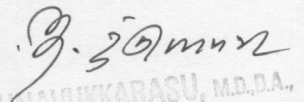
Medical superintendent: Dr. Damodaran

Vice Principal: Dr. Mohanty

Dr. Jhansi Charles
(R & D Coordinator)

Dr. Anu
(R & D Coordinator)

Dr. Pravin Raj Solomon
(Assistant Professor, R&D)


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R & D Department

**Report on Webinar on Research Methodology Writing of Scientific
research Projects and Clinical trial"**

Report

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Prof. T. THEJANAVUKUR
Velammal Medical College Hospital
and Research Institute
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Madurai-Tuticorin Ring Road
Anuppanadi, Madurai-625 009, T.N.



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The webinar was attended by 275 participants including medical professionals, researchers, and students from various institutions. The event was highly informative and interactive, with participants actively engaging in discussions and asking questions.

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HOSPITAL AND RESEARCH INSTITUTE

Webinar on Research Methodology -I

CLINICAL TRIALS

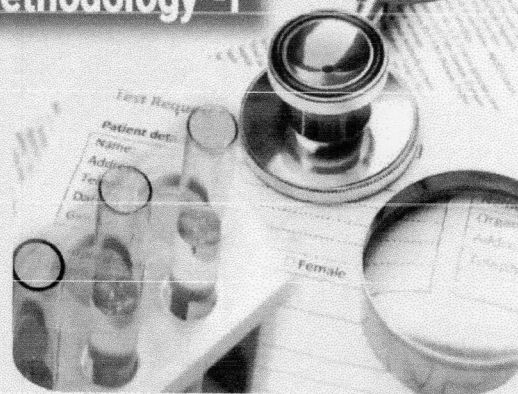
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REGISTRATION LINK

<https://vmcsh.com/rmweb>

Meeting ID : 00000000

Passcode : xxxxxxxxxx

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ASSISTANT PROFESSOR, R&D

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**Workshop on Research Methodology: Writing of maiden Research
Proposal & Mathematics in medical research**

Report

On 13th August 2021, Velammal Medical College Hospital & Research Institute organized a workshop on Research Methodology. The event was held online via Zoom from 9:00 AM to 3:30 PM. The workshop aimed to provide participants with essential knowledge and skills for conducting research in the medical field.

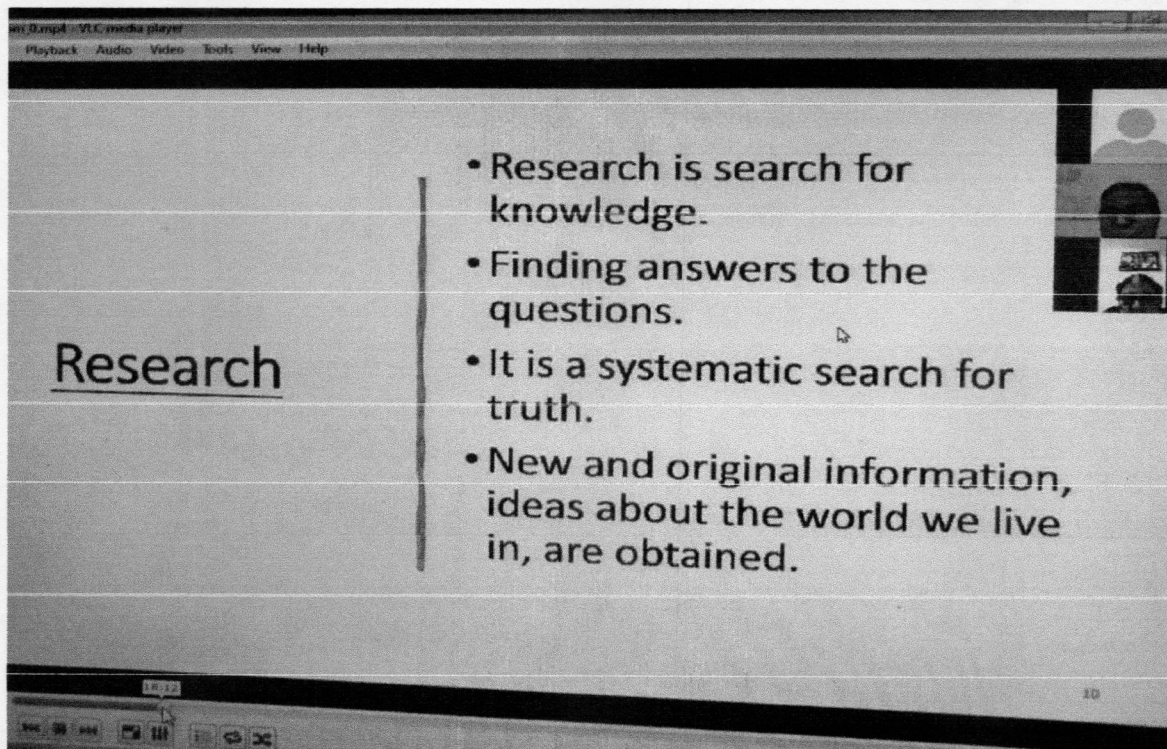
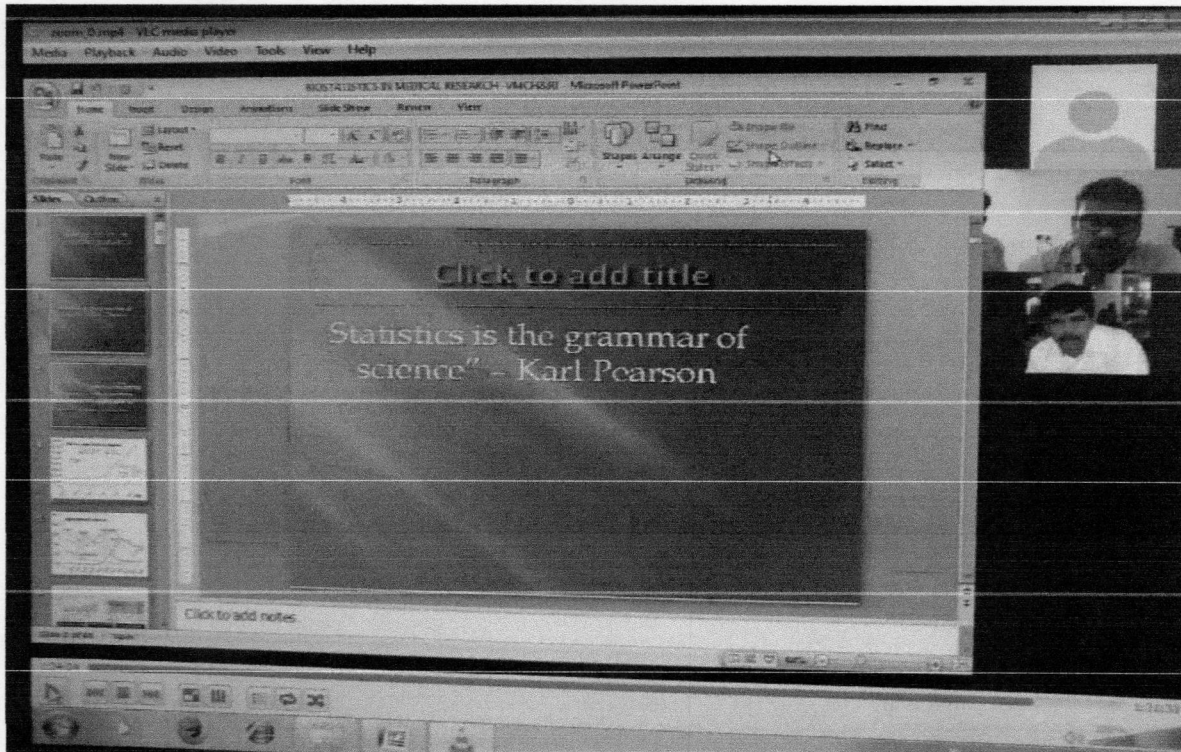
The workshop featured two distinguished speakers who shared their expertise in the field of medical research. Dr. Roseline Fatima Williams, Professor and Head of Community Medicine at KIMS & RC, Madurantagam, shared tips on how to write a maiden research proposal. She discussed the importance of a clear research question, adequate literature review, and appropriate research methodology. Dr. Williams also highlighted the significance of ethical considerations in medical research.

Dr. S. Pravin Raj Solomon, Assistant Professor at R&D, VMCH&RI, Madurai, delivered a presentation on Statistics in Medical Research. He explained the basic concepts of statistics, such as mean, median, mode, and standard deviation. He also discussed different types of statistical analysis and their applications in medical research.

Prof. T. THIRUNAVUKKARASU, M.D., D.A.,
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9.3.2013

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VELAMMAL
HOSPITAL
the healing touch

DEPARTMENT OF RESEARCH AND
DEVELOPMENT CENTRE

WORKSHOP ON RESEARCH METHODOLOGY

TOPIC:

TIPS FOR MAIDEN RESEARCH PROPOSAL

DR. ROSELINE FATHIMA WILLIAMS,
PROFESSOR & HOD, COMMUNITY MEDICINE,
KIMS & RC, MADURANTAGAM

DATE - 13.08.2021
TIME - 9 AM to 3:30 PM

TOPIC:

STATISTICS IN MEDICAL RESEARCH

DR. S.PRAVIN RAJ SOLOMON,
ASSISTANT PROFESSOR, R & D,
VMCH&RI, MADURAI

PATRON : CHAIRMAN - MR.M.V.MUTHURAMALINGAM

ADVISORS

DEAN : DR. THIRUNAVUKKARASU

MEDICAL SUPERINTENDENT : DR. DAMODARAN

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Assistant Professor, R & D



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Informed Consent Process in Clinical Research

Report

The program started with the participants being provided with a pre-test questionnaire to assess their knowledge on ethical principles in clinical research.

Dr. Muthu Meera MD, Tutor at the Department of Pharmacology, VMCHRI, Madurai, commenced the program by delivering a comprehensive presentation on ethical principles in clinical research. Dr. Meera discussed the importance of ethical considerations in conducting research and highlighted key principles such as respect for autonomy, beneficence, non-maleficence, and justice.

Dr. Raj Kishore Mahato MD, Professor & Head of the Department of Pharmacology, VMCHRI, Madurai, took the stage and presented an in-depth session on informed consent. Participants learned about the significance of obtaining informed consent from research participants, the elements of informed consent, and the process of obtaining it ethically and legally.

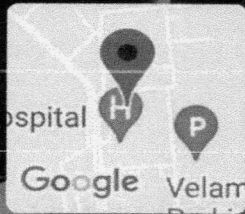
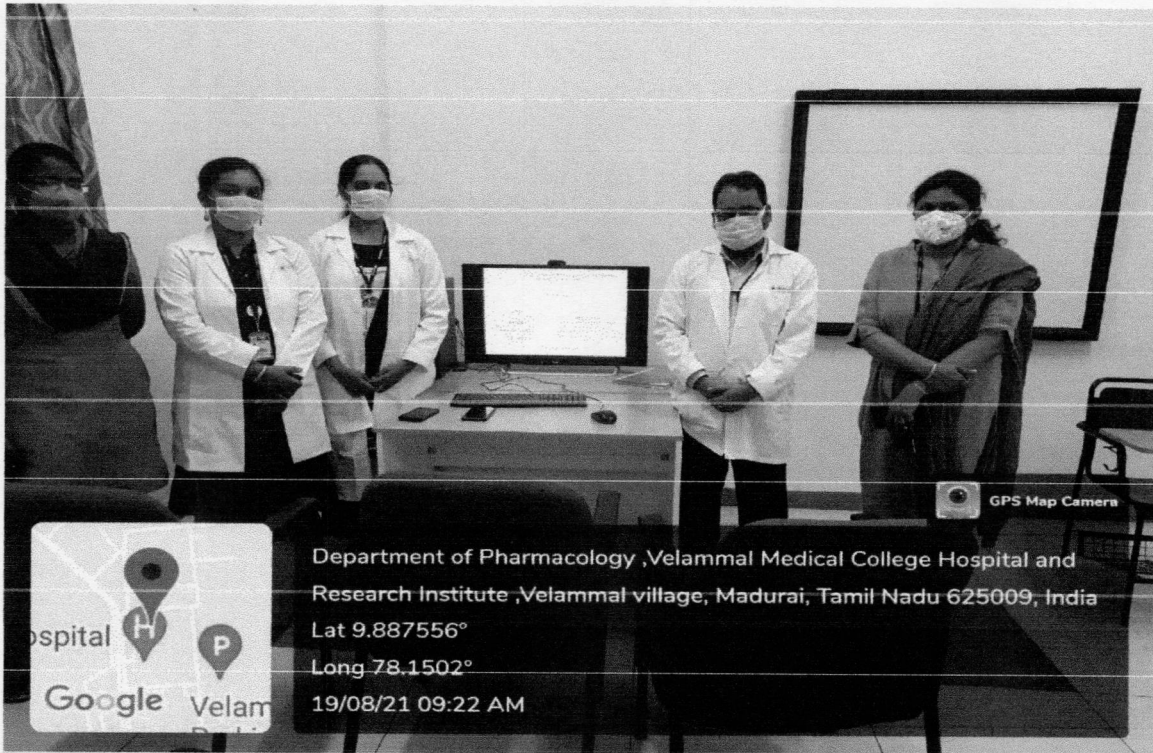
Dr. Sindhu MD, Assistant Professor at the Department of Pharmacology, VMCHRI, Madurai, addressed the topic of consent for research in special circumstances. Dr. Sindhu discussed the unique challenges and considerations involved in obtaining informed consent from vulnerable populations or individuals with limited capacity to provide consent. The session included case studies and examples to facilitate a deeper understanding of the subject.

The program concluded with an interactive discussion session, allowing participants to share their thoughts, ask questions, and engage in a constructive dialogue with the speakers and fellow attendees. Following the discussion, participants were given a post-test questionnaire to evaluate their knowledge gained from the program.

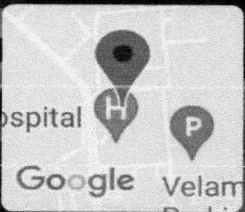
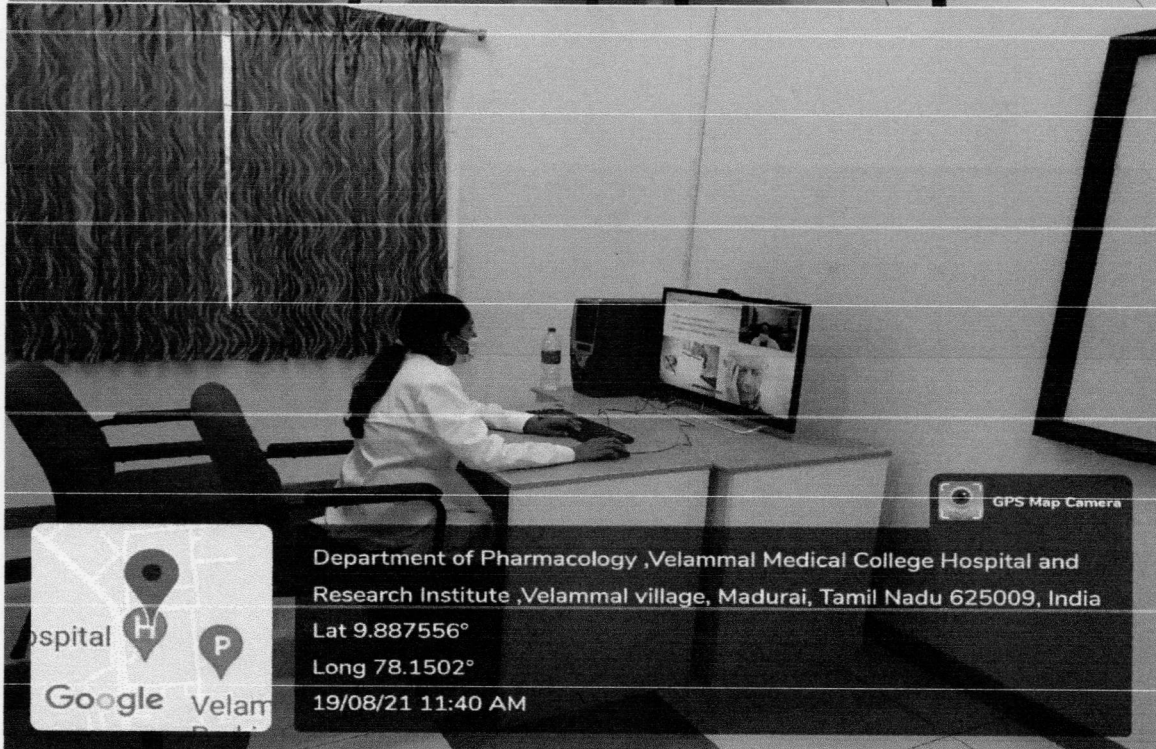
Prof. T. THIRUNAVUKARASU, M.D., D.A.
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VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009



Department of Pharmacology ,Velammal Medical College Hospital and
Research Institute ,Velammal village, Madurai, Tamil Nadu 625009, India
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Long 78.1502°
19/08/21 09:22 AM

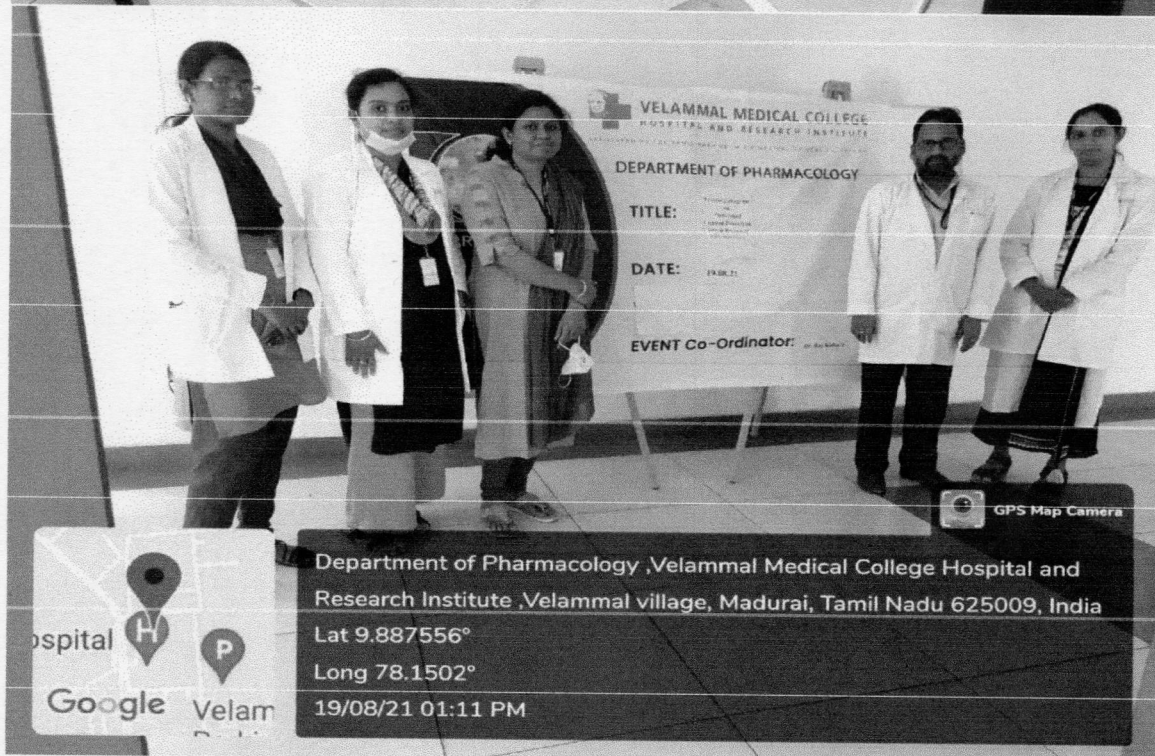
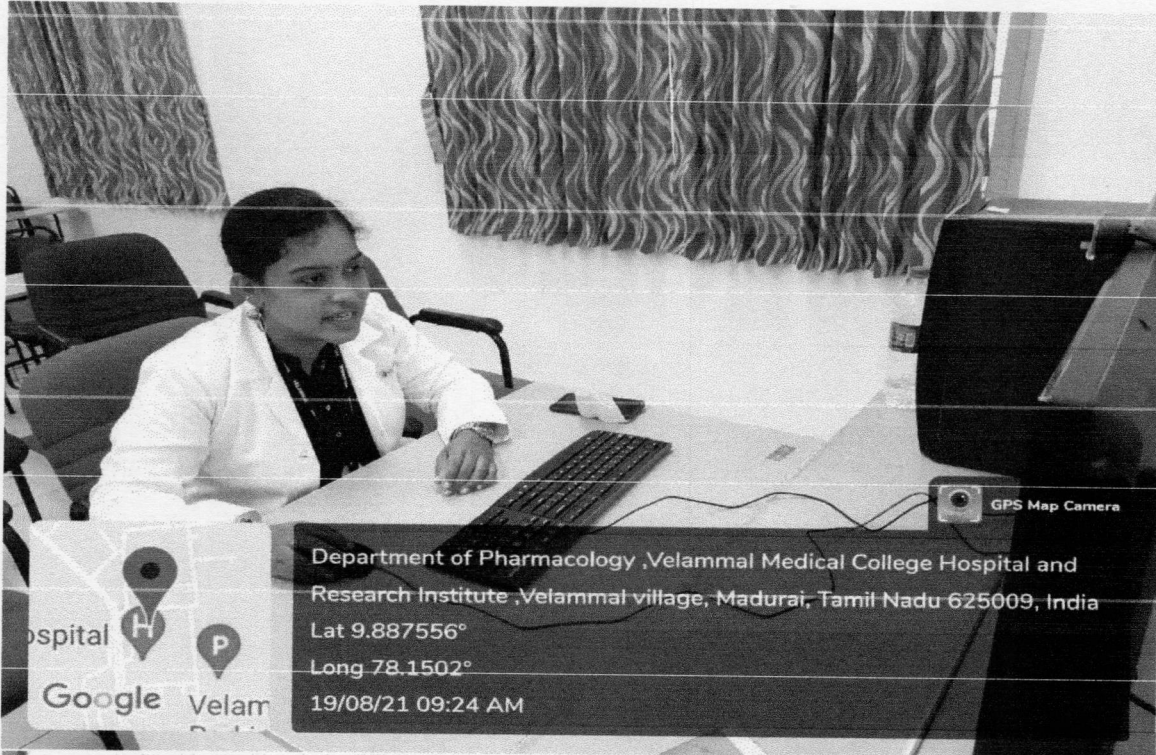


Department of Pharmacology ,Velammal Medical College Hospital and
Research Institute ,Velammal village, Madurai, Tamil Nadu 625009, India
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Long 78.1502°
19/08/21 11:40 AM

T. Thirumanikumar
Prof. T. THIRUMANIKUMAR, M.D.
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VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009



J. S. A. m n
Prof. T. THIRUNAVUKKARASU, M.D., P.A.,
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Prof. T. THIRUNAVUKKARASU, M.D., D.A.,
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Seminar on Intellectual Property Rights: Venture Centre and its applications

Report

Date: 14th August 2021

Time: 10:00 am - 12:00 pm

Mode: Zoom

The Research & development department of Velammal Medical College Hospital & Research Institute, affiliated to Tamil Nadu Dr. M.G.R University, organized a seminar on Intellectual Property Rights (IPR) on 14th August 2021. The seminar aimed to provide participants with insights into the applications and procedures related to IPR. The event was conducted via the Zoom platform to ensure easy accessibility for all attendees.

Speaker:

Dr. Balaji Ganesh, Dean of Research and IPR Consultant, delivered the main presentation on IPR applications and procedures. With his extensive knowledge and experience in the field, Dr. Ganesh provided valuable insights and practical guidance to the participants.

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Applications and Procedures – Dr. Balaji Ganesh, Dean Research, IPR Consultant

Date: 14.08.2021

Time: 10 am – 12 pm

Mode: Zoom

Registration – link

Patron: Chairman - Mr. M.V.Muthuramalingam

Dean: Dr. Thirunavukkarasu

Medical superintendent: Dr. Damodaran

Vice Principal: Dr. Mohanty

Dr. Jhansi Charles

(R & D Coordinator)

Dr. Anu

(R & D Coordinator)

Dr. Pravin Raj Solomon

(Assistant Professor, R&D)

Prof. T. THIRUNAVUKKARASU, M.D.,D.A.,
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Anuppanadi, Madurai-625 009, T.N.



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**VELAMMAL
HOSPITAL**
THE HEALING TOUCH

**DEPARTMENT OF RESEARCH AND
DEVELOPMENT CENTRE**

SEMINAR ON INTELLECTUAL PROPERTY RIGHT (IPR)

IPR :

APPLICATIONS AND PROCEDURES

DR. BALAJI GANESH,
DEAN RESEARCH, IPR CONSULTANT

DATE - 14.08.2021
TIME - 10 AM to 12 PM

PATRON : CHAIRMAN - MR.M.V.MUTHURAMALINGAM

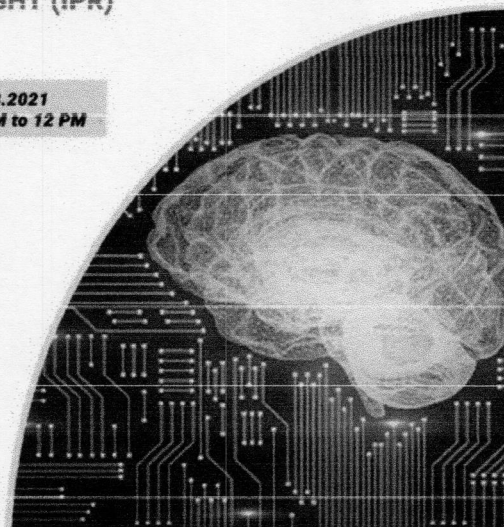
ADVISORS

DEAN : DR. THIRUNAVUKKARASU
MEDICAL SUPERINTENDENT : DR. DAMODARAN
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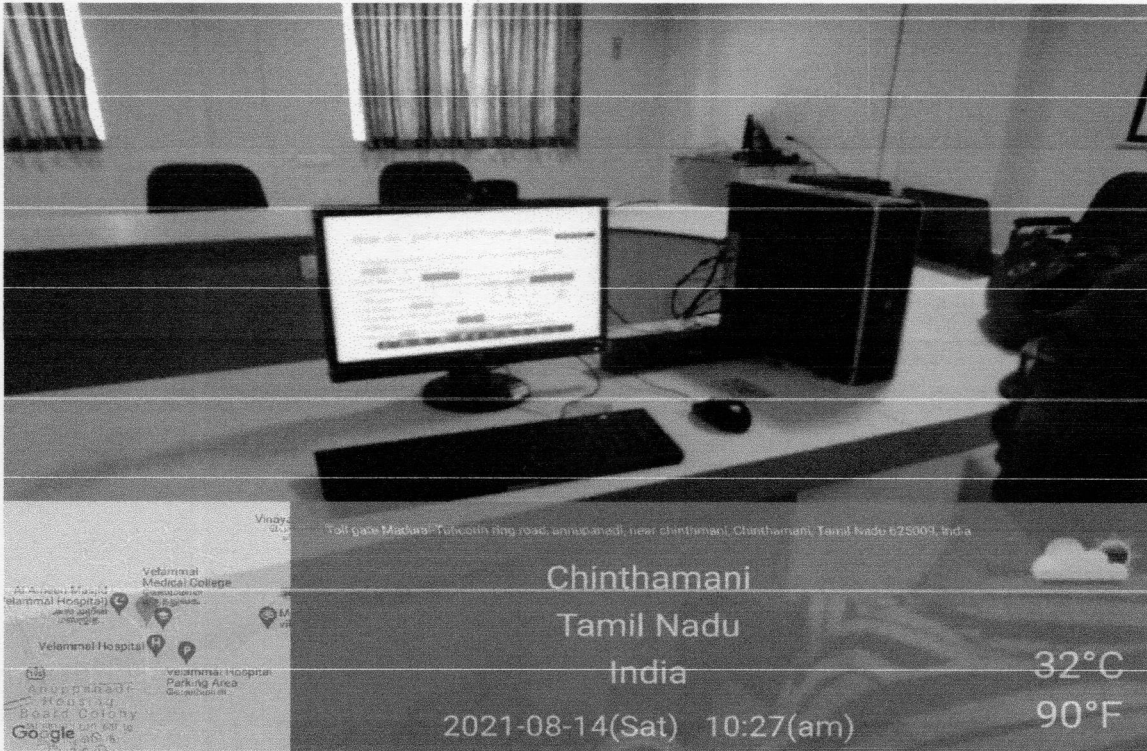
J. J. J.
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VELAMMAL MEDICAL COLLEGE
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GCP Training

Department of Pharmacology

Programme report

Date: 04.01.2022

Venue: Medical college board room

Time: 8 am-4 pm

The event started with "lighting of kuthuvilakku" by Dr. Thirunavukkarasu (Dean of VMCHRI), Dr. S.R. Dhamodharan (Medical Superintendent), Dr. P.K. Mohanty (Vice Principal) and Dr. Raj Kishore Mahato (Head of Department of Pharmacology). This was followed by prayer song by 2019 batch MBBS students. Dr. Raj Kishore Mahato welcomed the gathering.

This was followed by pre-test on the topic conducted by the department faculty. The first session for the day on the topic, "History and importance of GCP guidelines" was presented by Dr. Samir Bele, Professor and Head, Department of community medicine, VMCHRI. This was followed by the next session on "Responsibilities of principal investigator" by Dr. Trupthi Bodhare, Professor, Department of community medicine, VMCHRI.

Followed by lunch, the next session on the topic, "Latest updates on GCP guidelines and NDCT rules" was presented by Dr. Sindhu, Assistant Professor, Department of Pharmacology, VMCHRI. Then a post-test was conducted followed by group discussion and feedback from participants. Dr. Muthu Meera, Senior Resident, Department of Pharmacology, delivered the vote of thanks. The event ended with national anthem.

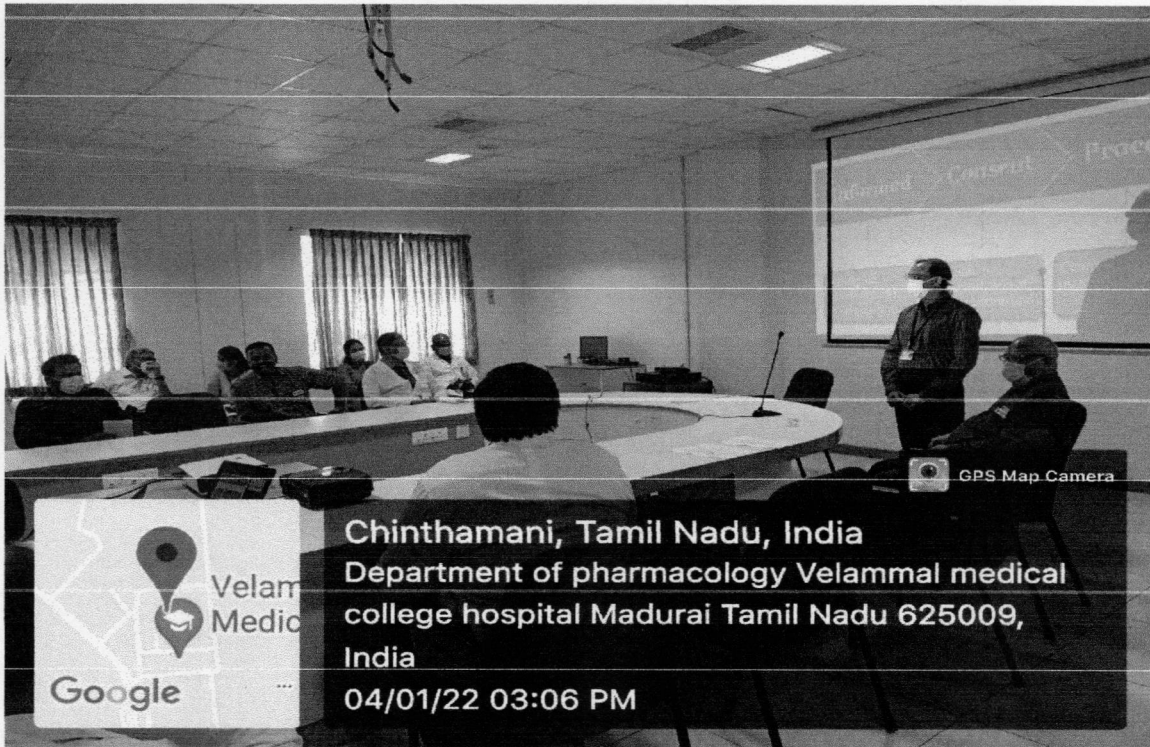
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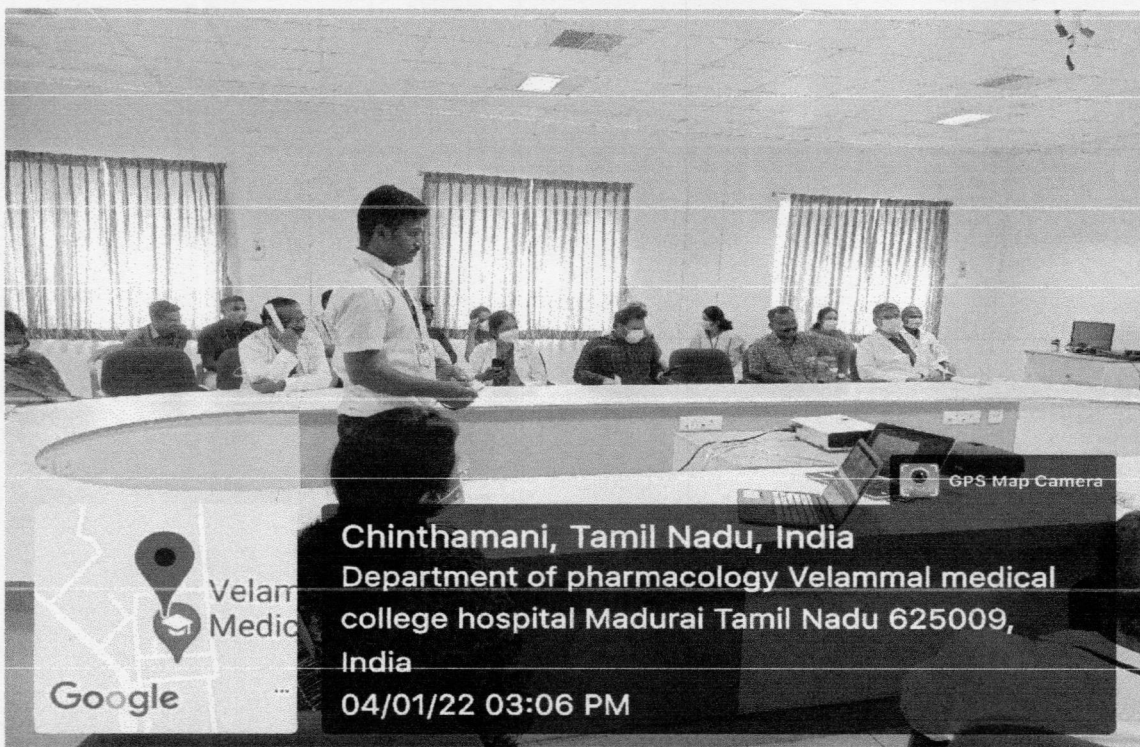
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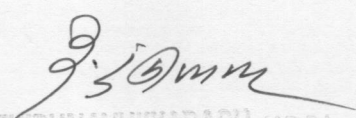
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Department of pharmacology Velammal medical
college hospital Madurai Tamil Nadu 625009,
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college hospital Madurai Tamil Nadu 625009,
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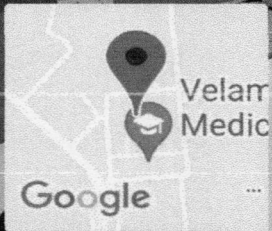
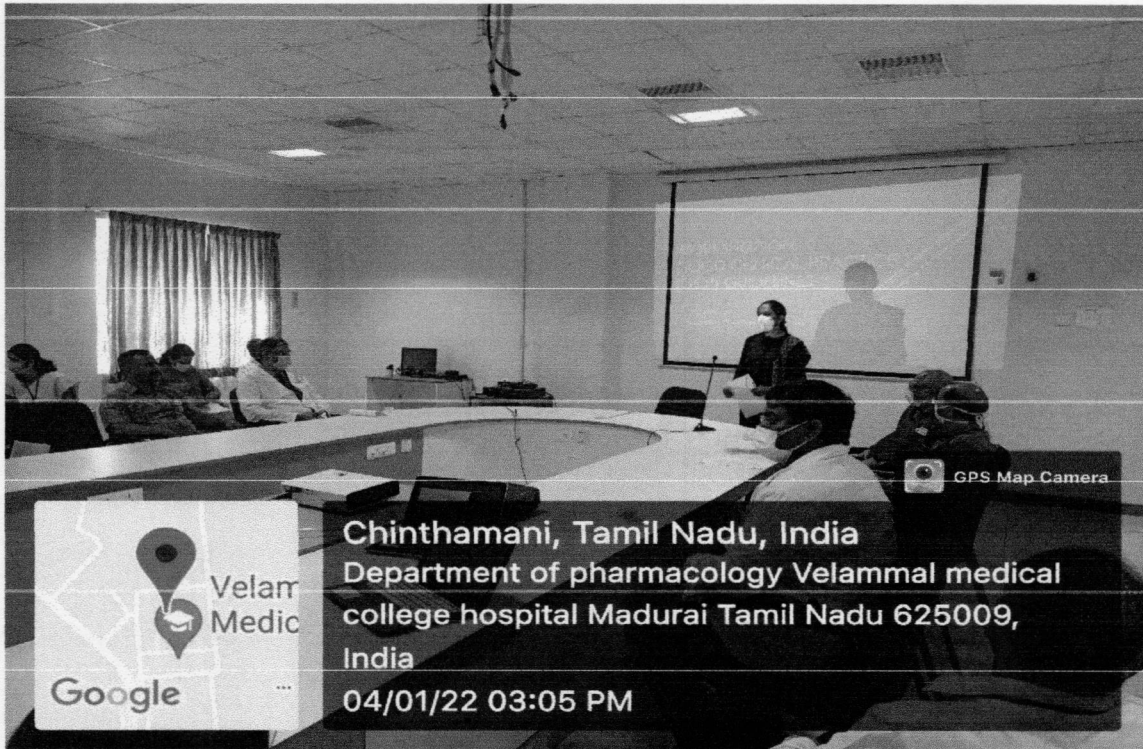

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"Velammal Village"
Madurai-Tuticorin Ring Road
Anuppanadi, Madurai - 625 009, India



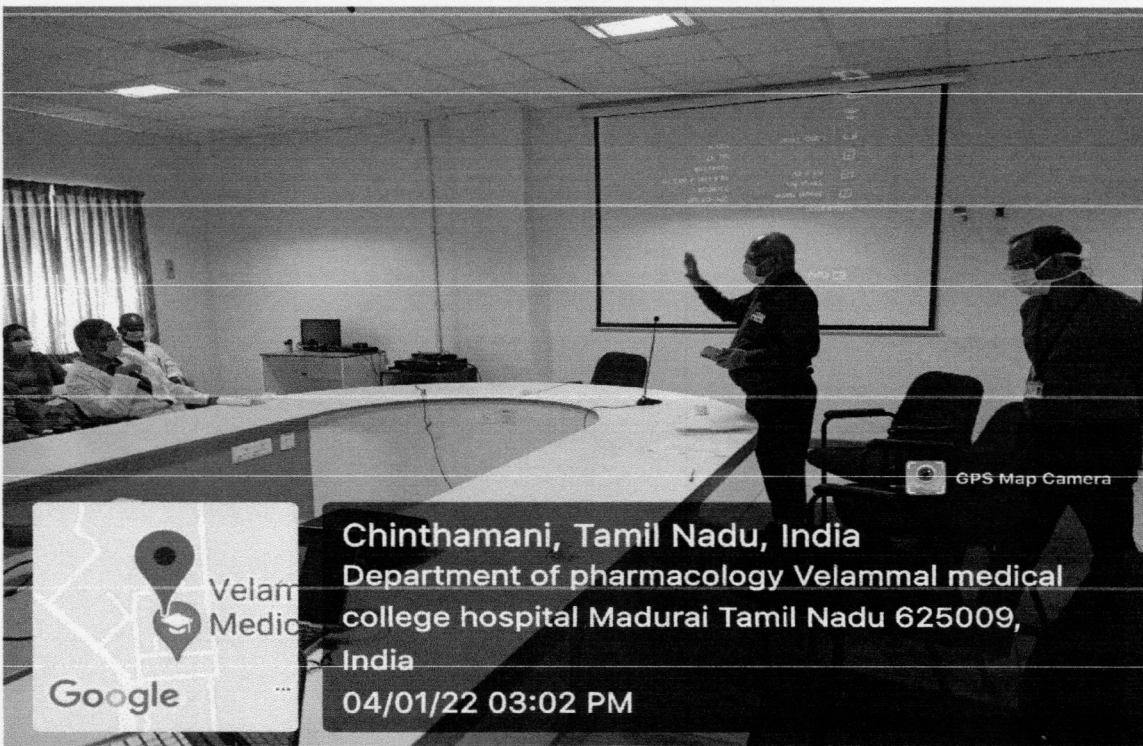
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MADURAI - 625009



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Department of pharmacology Velammal medical
college hospital Madurai Tamil Nadu 625009,
India
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Chinthamani, Tamil Nadu, India
Department of pharmacology Velammal medical
college hospital Madurai Tamil Nadu 625009,
India
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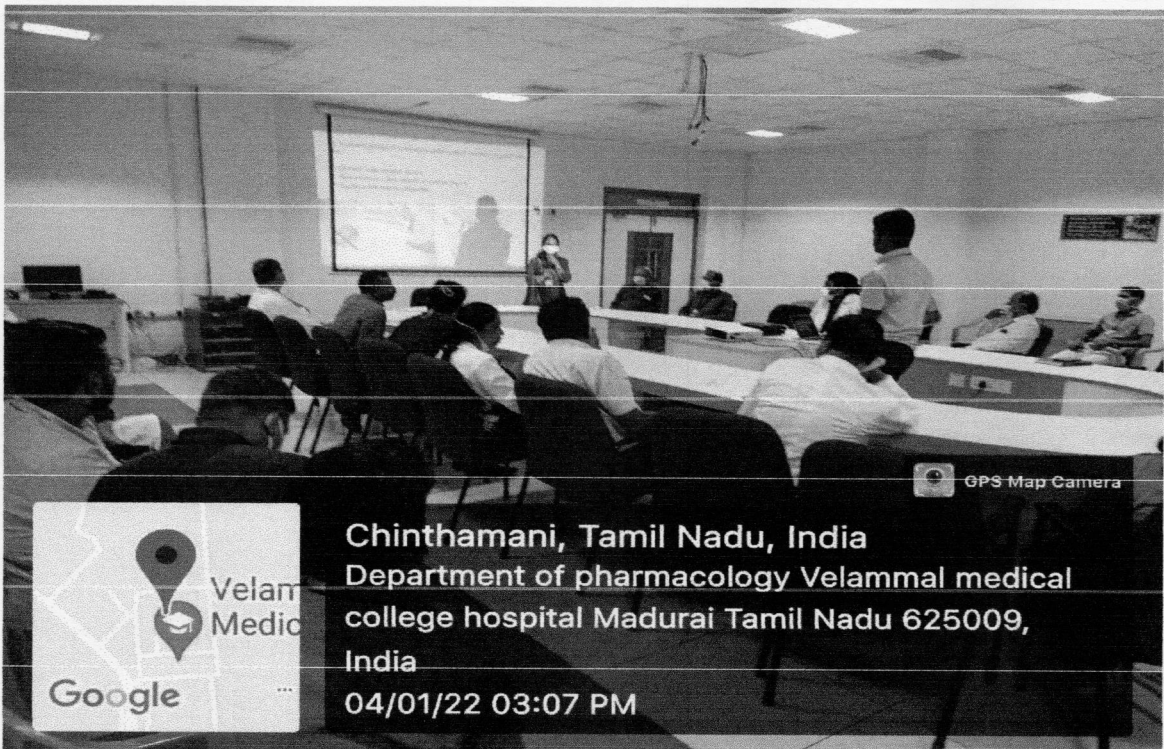
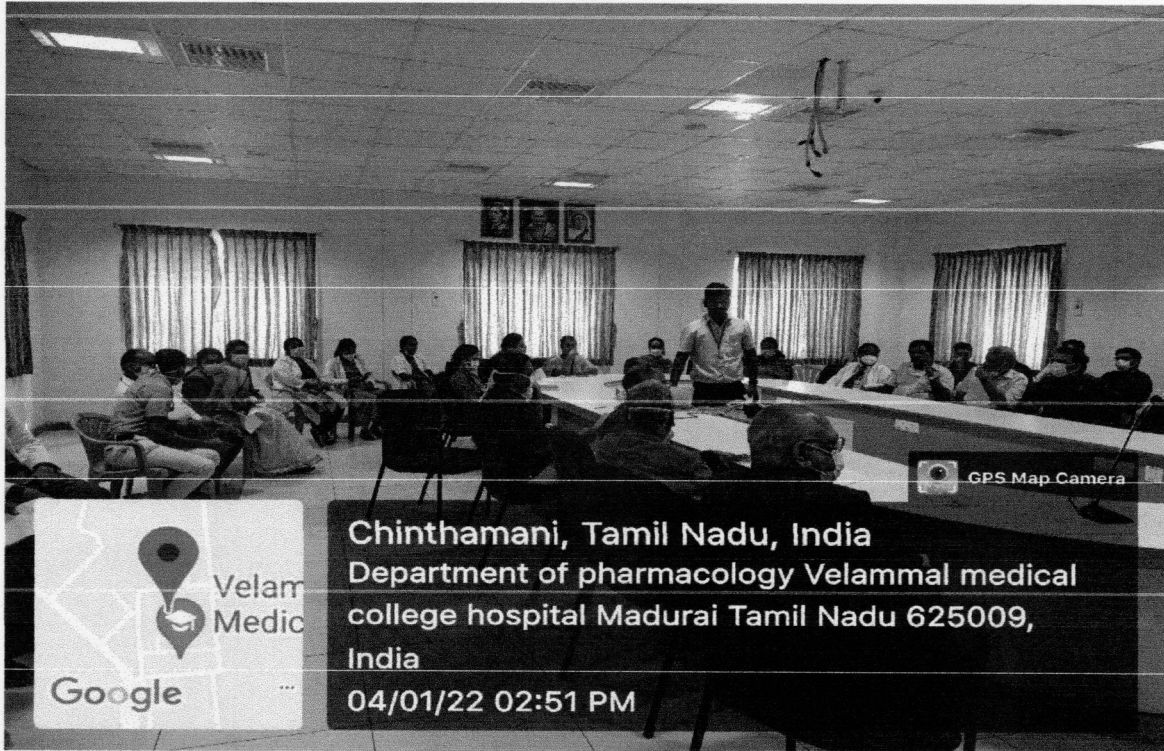
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VELAMMAL MEDICAL COLLEGE

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The Healing Touch

**Velammal Medical College Hospital & Research Institute
& Speciality Wing**

**OFFICE OF DEAN
CIRCULAR**

Ref.No.087/H/Cir/2022

Date: 25.06.2022

To

All Clinical & Non-Clinical HODs

Please refer to the Circular from this office Ref.No.081/H/Cir/2022 dated 13.06.2022.

There will be a Workshop on Research Methodology from 27th – 29th June 2022 between 8am and 4pm at Medical College Board Room.

All HODs are hereby requested to relieve their 1st Year PGs from their routine work and attend the Workshop.

Copy submitted to:

The Hon.Chairman

The Director

Copy to:

Medical Superintendent

Vice Principal

Chief Administrative Officer

Advisory Board Members

HOD, Community Medicine

All 1st Year PGs

[Signature]
DEAN

25/6/22

[Signature]

Prof. T. THIRUNAVUKKARASU, M.D.,D.A.,
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**VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE,
MADURAI**

Research Methodology workshop for Post graduate students

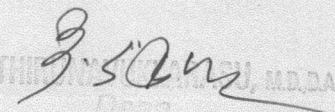
**Jointly organized by the Departments of Community Medicine and Research and
Development**

Date: 27, 28 & 29 of June 2022

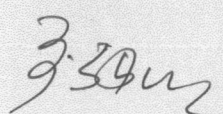
Time: 8:00 am to 4:00 pm

Venue: College board room

Day 1 – Monday 27 th , June 2022			
S.no	Time	Topic	Faculty
1.	08:00 am to 08:15 am	Icebreaking activity	Dr. Trupti Bodhare (Prof, Community Medicine, VMCH&RI) Dr. Sriandaal (Asst Prof, Community Medicine, VMCH&RI)
2.	08:15 am to 09:00 am	General Introduction to research and dissertation guidelines	Dr. Raj Kishore (Prof & HOD, Pharmacology, VMCH&RI)
3.	09:00 am to 09:30am	Introduction to qualitative and quantitative research	Dr. Trupti Bodhare (Prof, Community Medicine, VMCH&RI)
4.	09:30 am to 10:00 am	Descriptive studies	Dr. Sriandaal (Asst Prof, Community Medicine, VMCH&RI)
5.	10:00 am to 10:30 am	Inaugural ceremony	
	10:30 am to 10:45 am	Tea break	
6.	10:45 am to 11:30 am	Analytical studies	Dr. Samir Bele (Prof & HOD, Community Medicine, VMCH&RI)
7.	11:30 am to 12:15 pm	Randomized Control trial	Mrs. Nagalakshmi (CEO, Consortium Clinical research, Coimbatore)
8.	12:15 pm to 01:00 pm	Selecting topic, framing research questions and objectives	Dr. Virgin Joena (Prof & HOD, General Medicine, VMCH&RI)
	01:00 pm to 01:45 pm	Lunch Break	
9.	01:45 pm to 02:45 pm	Group activity (framing research questions and objectives)	Dr. Virgin Joena (Prof & HOD, General Medicine, VMCH&RI)
10.	02:45pm to 03:30pm	Literature search and bibliography	Dr. Sudharsan (Asst Prof, Community Medicine, VMCH&RI)
11.	03:30 PM TO 04:00 PM	Group activity (literature review and bibliography)	Dr. Sudharsan (Asst Prof, Community Medicine, VMCH&RI)


 Prof. T. THIRUMANGALAKUDI, M.D., D.A.
 Dean
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 and Research Institute
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 Madurai, Tamil Nadu
 Anuppanadi, Madurai-625 003, T.N.

Day 2 – Tuesday 28 th June 2022			
S.no	Time	Topic	Faculty
12.	08:00 am to 08:10 am	1 st day recap by participant	Participant
13.	08:10 am to 08:50 am	Designing methodology	Dr.Sudhir Ben Nelson (Asso Prof, Community Medicine, VMCH&RI)
	08:50 am to 9.10 am	Case series and case report	Dr. Subramanian.N (Consultant Rheumatologist, VMCH&RI)
14.	09:10 am to 09:30am	Sampling technique	Dr. Vasumathi (Asst Prof, Community Medicine, VMCH&RI)
15.	09:30am to 10:00am	Sample size Calculation	Mr.Vijay Anto (Statistician, Community Medicine, VMCH&RI)
16.	10:00am to 10:45AM	Group activity – Calculating sample size & choosing the best sampling method for your research	Dr. Vasumathi (Asst Prof, Community Medicine, VMCH&RI) Mr.Vijay Anto (Statistician, Community Medicine, VMCH&RI)
	10:45 to 11:00am	Tea break	
17.	11:00 am to 11:45am	Questionnaire Designing	Dr. Sudharsan (Asst Prof, Community Medicine, VMCH&RI)
18.	11:45 am to 12:15 pm	Using google form for data collection and data entry using excel sheet	Dr. Sriandaal (Asst Prof, Community Medicine, VMCH&RI)
19.	12:15 pm to 01:00 pm	Introduction to medical ethics The institutional ethics committee The ethics proposal	Dr. Raj Kishore (Prof & HOD, Pharmacology, VMCH&RI)
	01:00 pm to 01:45 pm	Lunch Break	
20.	01:45 pm to 02:45 pm	Application of statistical software for data analysis	Mr.Vijay Anto (Statistician, Community Medicine, VMCH&RI)
21.	02:45 pm to 04:00 pm	Group activity : Google form, data entry and data analysis using software	Dr. Sriandaal (Asst Prof, Community Medicine, VMCH&RI) Mr.Vijay Anto (Statistician, Community Medicine, VMCH&RI)


 Prof. T. THIRUVENGADAM, M.D., D.A.
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 Madurai - 625 005, T.N.
 Anuppanadi, Madurai-625 005, T.N.

**VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE,
MADURAI**

Research Methodology workshop for Post graduate students

**Jointly organized by the Departments of Community Medicine and Research and
Development**

Date: 27, 28 & 29 of June 2022

Time: 8:00 am to 4:00 pm

Venue: College board room

Day 1 – Monday 27 th , June 2022			
S.no	Time	Topic	Faculty
1.	08:00 am to 08:15 am	Icebreaking activity	Dr. Trupti Bodhare (Prof, Community Medicine, VMCH&RI) Dr. Sriandaal (Asst Prof, Community Medicine, VMCH&RI)
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and Research Institute
"Velammal Village"
Madurai-625 002, India
Anuppanadi, Madurai-625 002, India



VELAMMAL MEDICAL COLLEGE
HOSPITAL AND RESEARCH INSTITUTE

RESEARCH METHODOLOGY WORKSHOP



Organised by
Department of Community Medicine
in collaboration with
Research & Development Department

Date : 27th, 28th & 29th June

Venue

Medical College Board Room, VMCH&RI

Prof. T. THIRUNAVUKARASU

Tamilnadu Medical Council CME Credit Hours &
The Tamil Nadu Dr. MGR Medical University Credit Points Awaited

Dear All,

Greetings from Velammal Medical College Hospital and Research Institute, Madurai!

Ever since its inception, Velammal Medical College Hospital and Research Institute has always utilized opportunities to widen the horizons of knowledge and skills among the medical fraternity focusing on innovative teaching learning techniques. We take great pleasure in inviting you to the research methodology workshop, organized by Department of Community Medicine in collaboration with R&D department from 27th - 29th of June 2022.

Health research is indispensable for the progress of Medicine and Human Health. Research is a systematic way of applying the scientific method to explore, discover & study an unexplained phenomenon with precision & accuracy. This workshop is intended specifically for postgraduate students and novice researchers to guide them through the various steps in the research process. It provides a crisp overview of all the aspects of research with special focus on dissertation guidelines, epidemiological study designs, literature review, application of statistical software for data analysis and publication of research work. The workshop focuses on hands-on training, practical tips, small-group activity/exercises and discussion to facilitate the active learning by various experienced teachers and researchers.

We hope this workshop will enable the researchers to choose the most appropriate methodology for their research studies, design and conduct the study efficiently and ethically following principles of scientific research.

We believe that this intellectually stimulating and enriching event will ignite young minds, boost their confidence and will motivate them to undertake more research and tap their creative side.

- With Regards
Organizing Committee

REGISTRATION

For registration contact **Dr. Sriandaal** | WhatsApp: **96771 58752** | Office Phone No: **0452 7114 118**

Email: communitymedicine@velammalmedicalcollege.edu.in

Registration fee - Rs. 2000/- should be fully paid either as cash at the Department of Community Medicine or via NEFT bank transfer to the account details mentioned below

BANK PAYMENT DETAILS:

Account Name: **Velammal Madurai Educational Trust**
Acc. No: **254502000000091**
IFSC: **IOBA0002545**
Branch: **Annupanadi Branch**
Registration Link: <https://velammalmedicalcollege.edu.in/cm/>

Prerequisite

- Candidates should bring their own laptops with latest Microsoft version 8 or above.
- Participants will have to arrange their own travel & accommodation.

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Annupanadi, Madurai-625 009, T.M.



VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE

RESEARCH METHODOLOGY WORKSHOP

Date: 27/28/29 of June 2022

SCHEDULE

		<ul style="list-style-type: none">➤ Introduction to Research, Concept, Purpose, and Objectives
	Fundamentals of Research	<ul style="list-style-type: none">➤ Qualitative and Quantitative Research➤ Dissertation Guidelines
Day 1	Epidemiologic Methods	<ul style="list-style-type: none">➤ Descriptive Studies➤ Analytical Studies➤ Clinical Trials
	Research Process	<ul style="list-style-type: none">➤ Selecting Topic, Framing Research Question and Objectives➤ Literature Search and Bibliography
Day 2	Research Process	<ul style="list-style-type: none">➤ Designing Methodology➤ Sampling Technique➤ Sample Size Calculation➤ Introduction to Variables➤ Question Structure
	Data Management & Presentation	<ul style="list-style-type: none">➤ Data Collection and Data Entry➤ Application of Statistical Software for Data Analysis and Interpretation➤ Presentation of Data
	Ethical Issues in Health Research	<ul style="list-style-type: none">➤ Research Ethics➤ The Role and Process of the Institutional Ethics Committee
Day 3	Research Writing	<ul style="list-style-type: none">➤ Writing a Research Report➤ Issues in Scientific Writing- Plagiarism, Authorship & Guest Authorship➤ Grant Writing
	Evaluation of Research	<ul style="list-style-type: none">➤ Review of Journal Article using Standard Guidelines
	Scope of Research	<ul style="list-style-type: none">➤ Current & Future Direction of Medical Research

Prof. T. THIRU

9/3/22

Velammal Medical College
Hospital and Research Institute

Madurai
Anuppanadi, 625 009, TN



VELAMMAL MEDICAL COLLEGE
HOSPITAL AND RESEARCH INSTITUTE

RESEARCH METHODOLOGY WORKSHOP

ORGANIZATONAL CHART

CHIEF PATRON

Shri. M.V. Muthuramalingam
Chairman, Velammal Educational Trust

PATRON

Shri. M.V. Karthik
Director, Velammal Hospital

ADVISORY COMMITTEE

Dr. T. Thirunavukkarasu, *Dean*
Dr. S.R. Dhamotharan, *Medical Superintendent*
Dr. Mahesh Krishna, *Vice Principal*

ORGANIZING CHAIRPERSON

Dr. Samir Bele
Professor & HoD, Community Medicine

ORGANIZING SECRETARY

Dr. Trupti Bodhare
Professor, Community Medicine

ORGANIZING JOINT SECRETARY

Dr. Raj Kishore Mahato
Profesor & HoD, Pharmacology
Coordinator, Research & Development

ORGANIZING COMMITTEE MEMBERS

Dr. Sudhir Ben Nelson

Associate Professor, Community Medicine

Dr. Sudharsan

Assistant Professor, Community Medicine

Dr. Sriandaal

Assistant Professor, Community Medicine

Dr. Vasumathi

Assistant Professor, Community Medicine

Dr. P. Siva Ganesa Karthikeyan

Assistant Professor, R&D

Dr. R. Hari Bala Ganesh

Assistant Professor, R&D

Mr. Vijay Anto

Statistician, Community Medicine

Prof. T. THIRUNAVUKKARASU
Velammal Medical College
and Research Institute
Madurai, Tamil Nadu
Anupamam, Madurai



Velammal Medical College Hospital and Research Institute

Date: 06.07.2022

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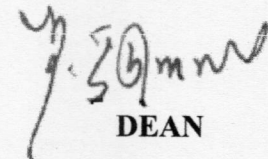
To

All Doctors

Workshop on Quality Tools and Techniques

Department of Biochemistry is organizing a workshop on Quality Tools and Techniques on 19.07.2022 (Wednesday) between at 8.00 AM to 4.00 PM.

All Faculties are invited.


DEAN

Copy submitted to:

The Hon. Chairman

Copy to:

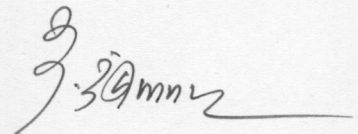
VICE PRINCIPAL

Medical Superintendent

Chief Administration Officer

HOD, Biochemistry

All Clinical and Non-Clinical HODs



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**VELAMMAL MEDICAL COLLEGE
HOSPITAL AND RESEARCH INSTITUTE
Anuppanadi, Madurai - 625009**

Invitation
Training Programme
On

Quality Tools and Techniques

Venue: Training Hall, 3rd Floor , Hospital Block

Date: 19.07.2022 (Tuesday)

**PATRON
CHAIRMAN**

Mr.M.V.Muthuramalingam

DIRECTOR

Mr.M.V.Karthick

DEAN

Dr.T.Thirunavukkarasu

MEDICAL SUPERINTENDENT

Dr.S.C.Ganesh Prabhu

VICE PRINCIPAL

Dr. B.G.Mahesh Krishna

**ORGANIZING COMMITTEE
LAB DIRECTOR**

Dr.P.K.Mohanty

QUALITY MANAGER

Dr.K.SUGANTHY

Professor & HOD

Department of Biochemistry

ORGANIZING SECRETARY

Dr.A.Hariharan

Associate Professor

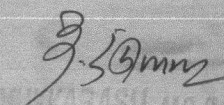
Department of Biochemistry

Department of Laboratory services, VMCH&RI

Madurai-625 009, T.S.S.
Anuppanadi, Madurai-625 009, T.S.S.

AGENDA

Time	Topic	Speaker
9.30-10.00 AM	Inauguration and Registration	
10.00-11:30 AM	7 basic quality tools for process improvement	Dr Hariharan
11:30 AM-1:00 PM	LEAN Healthcare and value stream Mapping, 5S	Dr.K.Suganthy
1:00-2:00 PM	Lunch	
2.00 -3.00 PM	Correction, Corrective Action and Preventive Action (CAPA)	Dr.K.Suganthy
3.00-3.50 PM	Problem Solving Using 5 Why, Root Cause Analysis (RCA)	Dr Hariharan
3.50-4.00 PM	Valediction & Vote of Thanks	Dr.K.Suganthy


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Velammal Medical College Hospital and Research Institute
Department of Biochemistry

Report on Quality Tools and Techniques Programme

Topic: Quality Tools and Techniques

Date: 19.07.2022

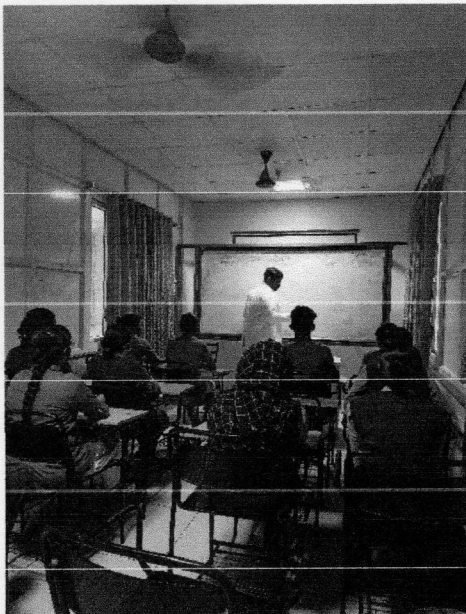
Venue: Biochemistry Demonstration Room I

Target audience: Central Laboratory technicians

Number of participants: 19

Event Report: The event started with the welcome address by DR.P.K.Mohanty. Following that Dr.A.Hariharan explained about 7 basic quality tools for process improvement. Dr.K.Suganthi explained about the LEAN Healthcare and value stream Mapping and 5S. After lunch session Dr.K.Suganthi explained about CAPA and Dr.A.Hariharan explained about the root cause analysis. Finally the programme was ending with feedback from the audience and vote of thanks by Dr.K.Suganthi.

Photo:



[Signature]

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VELAMMAL MEDICAL COLLEGE HOSPITAL AND RESEARCH INSTITUTE MADURAI - 625009

A workshop on ISO 9001 2015 Standards and Internal Audit Training

Report

Date: 21st & 22nd December 2021

Venue: College Board Room

Time: 8am to 4pm

This report provides an overview of the ISO training program conducted in our institution over a period of two days. The purpose of the training was to familiarize participants with the ISO standards and their implementation within our organization. This report summarizes the key objectives, agenda, participation, and outcomes of the ISO training program.

Objectives of the ISO Training

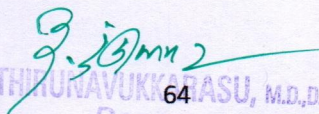
The primary objectives of the ISO training program were as follows:

- a) To create awareness and understanding of the ISO standards relevant to our institution, particularly ISO 9001 (Quality Management System) and ISO 14001 (Environmental Management System).
- b) To familiarize participants with the requirements and guidelines outlined in the ISO standards.
- c) To provide participants with the knowledge and skills necessary to implement and maintain ISO-compliant systems within their respective departments.

The training program was conducted over a span of two days and covered the following topics:

Day 1:

- Concept on Quality and Quality Management Standards.
- ISO 9000 series of standards
- ISO 9001: 2008 Standard detail interpretation clause wise and understanding the Standard requirements.


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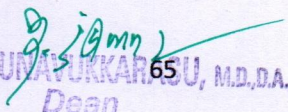
- (Quality Policy, Objectives, Documentation requirement for ISO 9001 implementation, Special process for validation, Key processes and interrelationship, Customer properties, MR responsibility, Internal audit and Management Review, Control of nonconforming products, corrective and preventive actions. etc)
- Documentation requirements for ISO 9001 implementation

Day 2:

- Review of Documentation for ISO 9001 implementation.
- Understanding the internal audit technique
- Preparation of Audit planning, Audit schedule
- Preparation of checklist for effective implementation of ISO 9001:2008 QMS in organization
- Case study discussion in context with ISO 9001 Audit
- Conducting internal audit exercise
- Discussion and preparation of Noncompliance Reports
- Root cause analysis, corrective & preventive actions
- Preparation of audit summary matrix
- Closing of NCRs and QMS Effectiveness measurement.
- ISO 9001:2015 revision changes for discussion

Participation and Training Methodology

The ISO training program was attended by faculty from various departments within our institution. The participants included staff members responsible for quality control, environmental management, and process improvement. The training sessions were conducted by experienced ISO trainers who provided a mix of presentations, interactive discussions, and group activities to engage participants and enhance their understanding of the ISO standards.


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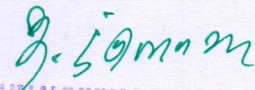
HOSPITAL AND RESEARCH INSTITUTE

MADURAI - 625009

The ISO training program achieved the following outcomes:

- a) Improved Awareness: Participants gained a comprehensive understanding of the ISO standards, their purpose, and the benefits of their implementation. They became aware of the relevance of ISO standards to their roles and responsibilities within the organization.
- b) Enhanced Knowledge: The training equipped participants with detailed knowledge of ISO 9001 and ISO 14001 requirements, allowing them to identify gaps and develop strategies for compliance within their departments.
- c) Implementation Planning: Participants developed action plans and implementation strategies specific to their departments, considering the unique requirements and challenges they faced. This enabled them to initiate the process of implementing ISO-compliant systems.
- d) Collaboration and Engagement: The training program fostered collaboration and engagement among participants from different departments. They had the opportunity to share insights, best practices, and challenges related to ISO implementation, creating a culture of cooperation and support.
- e) Roadmap for Implementation: Participants left the training program with a clear roadmap for implementing ISO standards within their respective departments. They gained the necessary tools and resources to begin the process of ISO compliance.

The ISO training conducted in our institution over two days proved to be a valuable learning experience for participants. It created awareness, enhanced knowledge, and provided participants with a roadmap for implementing ISO-compliant systems within their departments. The training program is a significant step towards ensuring quality management and environmental responsibility within our organization, aligning us with internationally recognized standards. Moving forward, it is essential to support and monitor the implementation efforts of participants to maximize the benefits of ISO compliance.


Prof. T. THIRUNAVUKKARASU, M.D., D.A.,
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Agenda - Day-1			
S .NO	Duration	Topic	Name of the Resource Person
1.	8.00 am to 8.15am	Registration	
2.	8.15 am to 8.30am	Inaugural and introduction to Guest speaker	Dr Samir Bele
3.	8.30am-9.30 am	Concept on Quality and Quality Management Standards	Anil Patil Kulkarni
4.	9.30 am-10.30am	ISO 9000 series of standards	Anil Patil Kulkarni
5.	10.30am-11.00am	Tea Break	
6.	11.00am-12.30pm	ISO 9001: 2008 Standard detail interpretation clause wise and understanding the Standard requirements.	Anil Patil Kulkarni
7.	12.30pm-1.30pm	Lunch Break	
8.	1.30pm-2.30pm	Quality Policy, Objectives, Documentation requirement for ISO 9001 implementation	Anil Patil Kulkarni
9.	2.30pm-4.00pm	Documentation requirements for ISO 9001 implementation.	Anil Patil Kulkarni



VELAMMAL MEDICAL COLLEGE

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MADURAI - 625009

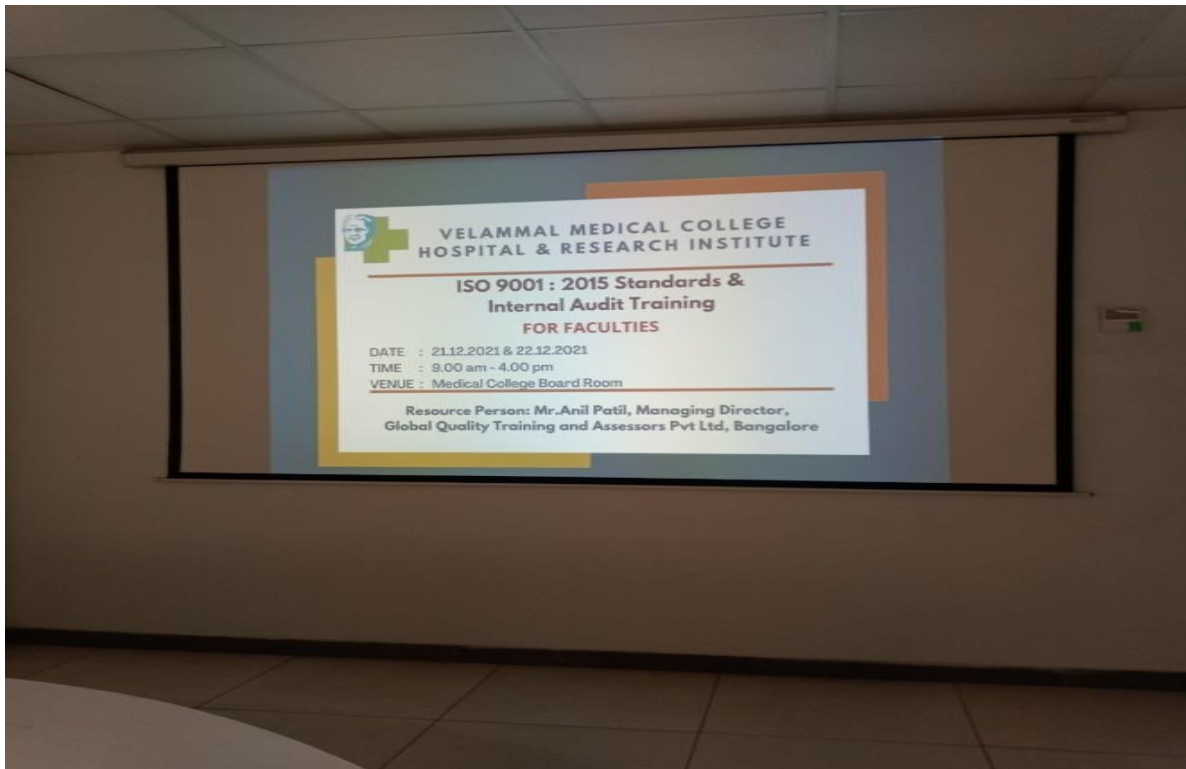
Agenda - Day - 2			
S .NO	Duration	Topic	Name of the Resource Person
1.	8.00 am to 8.45am	Review of Documentation for ISO 9001 implementation.	Anil Patil Kulkarni
2.	8.45am-9.15 am	Understanding the internal audit technique	Anil Patil Kulkarni
3.	9.15 am-9.45am	Preparation of Audit planning, Audit schedule, checklist	Anil Patil Kulkarni
4.	9.45am-10.00am	Tea Break	
5.	10.00am-11.00pm	Case study discussion in context with ISO 9001 Audit	Anil Patil Kulkarni
6.	11.00pm-12.00pm	Conducting internal audit exercise	Anil Patil Kulkarni
7.	12.00pm-1.00pm	Lunch Break	
8.	1.00pm-1.45pm	Discussion and preparation of Noncompliance Reports	Anil Patil Kulkarni
9.	1.45pm-2.30pm	Root cause analysis, corrective & preventive actions	Anil Patil Kulkarni
10.	2.30pm-3.00pm	Preparation of audit summary matrix	Anil Patil Kulkarni
11.	3.00pm-3.45pm	Closing of NCRs and QMS Effectiveness measurement	Anil Patil Kulkarni
12.	3.45pm-4.00pm	Valedictory function	



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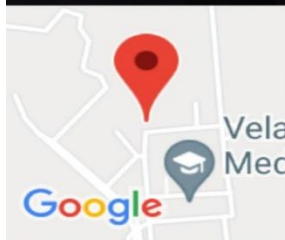
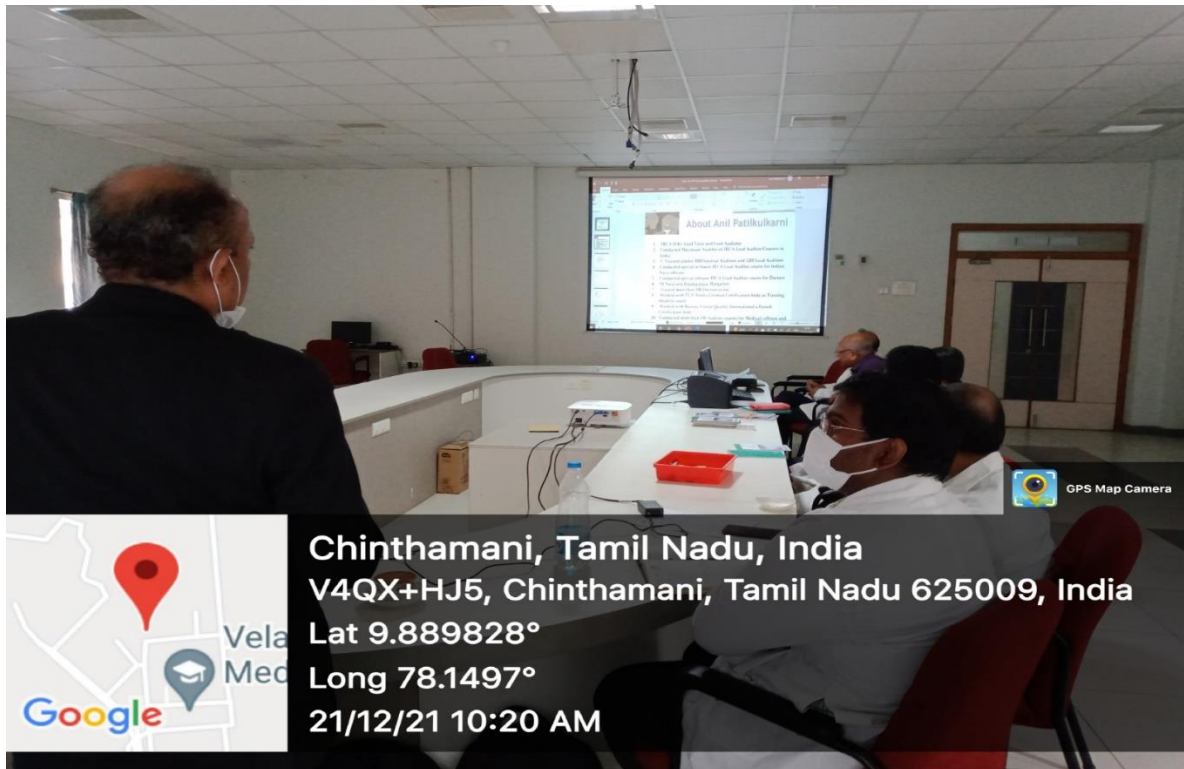




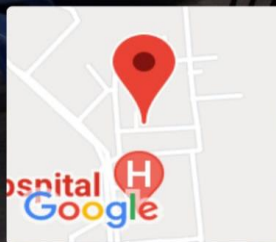
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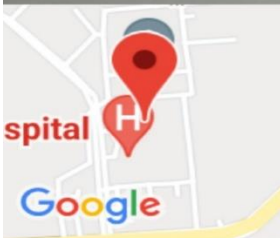
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