



**Report of “Workshop on Basic Biostatistics and Scientific Writing” Organised by
Department of Pharmacology and Medical Education Unit,
Sri Venkateshwaraa Medical College Hospital and Research Centre, Pondicherry
In association with Indian Medical Pharmacologists Association (IMPA)**

Department	Pharmacology
Name of the Program	Workshop on Basic Biostatistics and Scientific Writing
Nature of the Program	Workshop- hands on training
Topic / Theme (if any)	Basic Biostatistics and Scientific Writing
Date(s)	03.08.22 and 04.08.22
Venue	Mini Lecture Hall- II floor, College Block
Time	08.30 am to 5.00 pm
No of Participants/Delegates	51
Chief Guest/s (Name, designation & organization)	1. Dr.R.Raveendran, Professor (Senior Scale), Dept. of Pharmacology, JIPMER 2. Dr.M.Jayanthi, Professor & Head, Dept. of Pharmacology, JIPMER 3. Dr.S.Manikandan, Addl Professor, Dept. of Pharmacology, JIPMER 4. Dr.S.Suganthi, Assistant Professor, Dept. of Pharmacology, JIPMER 5. Dr.R.Mirunalini, Assistant Professor, Dept. of Pharmacology, JIPMER
Organising chairperson / Co ordinator	Dr. A.Mangaiarkkarasi, Professor & Head, Dept. of Pharmacology, SVMCH& RC, Puducherry.
Activities / events	1.Teaching Programme 2. SPSS software hands on training 3. Hands on training on scientific writing
Brochure /Circular / Schedule	Annexure 1
Attendance of the Participants	Annexure 2
Geotagged Photos (2 or 3)	Annexure 3
Feedback forms, Pre and Post test (if any)	Annexure 4
Certificates of participants (1)	Annexure 5
External Communication through mail (if any external speakers)	Annexure 6
Voucher copy of remuneration given to external speakers	Annexure 7



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Annexure 1: Brochure/Program Schedule:

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ISO
21001

IMPA

INVITATION
DEPARTMENT OF PHARMACOLOGY
& MEDICAL EDUCATION UNIT
IN ASSOCIATION WITH
INDIAN MEDICAL PHARMACOLOGISTS ASSOCIATION (IMPA)
INVITES WITH GREAT PLEASURE TO THE
WORKSHOP ON BASIC BIostatISTICS, EFFECTIVE SCIENTIFIC
WRITING & PUBLICATION ETHICS - HANDS ON TRAINING

3rd & 4th August 2022

PATRON

Shri.B.Ramachandiran
Chairman,
SVGI

Dr.B.Vidhya
Chief Operating Officer,
SVGI

CO - PATRONS

Dr.S.Ratnasamy,
Dean,
SVMCH&RC

Dr.S.Mahadevan,
Dean (Research & PG Studies),
SVMCH&RC



Organizing Chairperson

Dr A. Mangaiarkkarasi M.D
VP (Academic),
Prof. & HOD, Dept. of Pharmacology,
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Organizing Secretary:

Dr M. Sakthi Balan,
Assoc. Professor,
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SVMCH &RC

Co- Organizing Secretary

Dr C. Indumathi,
Assistant Professor,
Dept of Pharmacology,
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Committee Members

Faculty :

Dr S. Umamaheshwari, Asst. Prof.
Dr A. Arvinth, Asst. Prof
Dr G. Gomathi , Asst. Prof.

Post Graduates:

Dr R. Sowmya
Dr C.Nivetha
Dr P.T.Nageshwari



RESOURCE PERSONS



Dr R.Raveendran
Professor (Senior Scale),
Dept of Pharmacology,
JIPMER



Dr. M.Jayanthi
Professor & HOD
Dept of Pharmacology,
JIPMER



Dr. S.Manikandan
Addl Professor,
Dept of Pharmacology,
JIPMER



Dr S.Suganthi
Assistant Professor,
Dept of Pharmacology,



Dr. R.Mirunalini
Assistant Professor,
Dept of Pharmacology



Program Schedule

Day 1 (03.08.22) – Basic Biostatistics

Time	Session	Faculty
08:30 a.m – 09:00 a.m	Registration	
09:00 a.m – 9.30 a.m	Inauguration	
09:30 a.m – 10:15 a.m	Types of data, scales of measurement and distribution of data	Dr. R. Mirunalini
10:15 a.m – 11:00 a.m	Descriptive statistics	Dr. M. Jayanthi
11:00 a.m- 11:15 a.m	Tea Break	
11:15 a.m – 12:00 noon	Inferential statistics	Dr. R. Raveendran
12:00 noon – 12:45p.m	Choosing a statistical test for analysis of data	Dr. S. Suganthi
12:45 p.m – 01:30 p.m	t test and Wilcoxon test	Dr. S. Manikandan
01:30 p.m – 02:00 p.m	Lunch	
02:00 p.m – 02:45p.m	ANOVA	Dr. S. Suganthi
02:45 p.m – 03:30p.m	Chi square test	Dr. R. Mirunalini
03:30p.m - 03:45p.m	Tea Break	
03:45p.m – 04:30p.m	Correlation and regression	Dr. S. Manikandan



Day 2 (04.08.22) – Scientific Writing

Time	Session	Faculty
08:55 a.m – 09:00 a.m	Recap of Previous Day sessions	
09:00 a.m – 09:30 a.m	Types of article and structure of a research article	Dr. R. Mirunalini
09:30 a.m – 10:15 a.m	Title, keywords and introduction	Dr. S. Manikandan
10:15 a.m – 11:00 a.m	Methods	Dr. M. Jayanthi
11:00 a.m – 11:15a.m	Tea Break	
11:15a.m – 12:00p.m	Results	Dr. R. Raveendran
12:00 p.m – 12:45 p.m	Discussion and conclusion	Dr. S. Suganthi
12:45p.m – 01:30p.m	Lunch	
01:30p.m – 02:15p.m	References	Dr. M. Jayanthi
02:15p.m - 02:45p.m	Abstract, acknowledgement and conflict of interest	Dr. R. Mirunalini
02:45 p.m – 03:00 p.m	Tea Break	
03:00p.m – 03:45p.m	Selecting a journal, electronic submission, replying to reviewer's comment, reasons for rejection and how to deal with rejected manuscript	Dr. R. Raveendran
03:45p.m – 04:30p.m	Plagiarism and publication ethics	Dr. S. Suganthi
04:30 p.m – 04:45pm	Valedictory function & Certificate Distribu	



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Annexure 2: Attendance of participants:

DEPARTMENT OF PHARMACOLOGY & MEDICAL EDUCATION UNIT IN ASSOCIATION WITH

INDIAN MEDICAL PHARMACOLOGISTS ASSOCIATION (IMPA) ORGANIZES

"WORKSHOP ON BASIC BIOSTATISTICS, EFFECTIVE SCIENTIFIC WRITING & PUBLICATION ETHICS – HANDS ON TRAINING"
DATE- 4th AUGUST 2022

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				90092		
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50.	Dr. Indumathi.C	9487043669	drindumathi.c@gmail.com	NA	<i>Dr. Indumathi.C</i>	<i>Dr. Indumathi.C</i>
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52.	Dr. Gomathi.G	9616193355	gomathigopal311@gmail.com	104198	<i>Dr. Gomathi.G</i>	<i>Dr. Gomathi.G</i>
53.	Dr. Karuna	7358491416	karuna.a2502@gmail.com	NA	<i>Dr. Karuna</i>	<i>Dr. Karuna</i>
54.	Dr. K. Tamil Selvan.	9791569369	TamilSelvan@svmhrc.ac.in	82710	<i>Dr. K. Tamil Selvan.</i>	<i>Dr. K. Tamil Selvan.</i>



Annexure 3: Geo tagged photos:





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Medical College Hospital and Research Centre

CREATING HEALTHIER SOCIETY

Ariyur, Puducherry-605 102



 **GPS Map**
Camera Lite

WP33+M59, Ariyur, Puducherry 605102, India


Latitude
11.9024624°

Local 09:20:51 AM
GMT 03:50:51 AM

Longitude
79.7019484°

Altitude 0 feet
Wednesday, 03-08-2022



 **GPS Map**
Camera Lite

Sivaranthagam Rd, Ariyur, Tamil Nadu 605102, India

Latitude
11.9071441°

Local 10:12:52 AM
GMT 04:42:52 AM

Longitude
79.6952856°

Altitude 0 feet
Thursday, 04-08-2022



sri venkateshwaraa
Medical College Hospital and Research Centre

CREATING HEALTHIER SOCIETY

Ariyur, Puducherry-605 102



Sivaranthagam Rd, Ariyur, Tamil Nadu 605102, India

Latitude
11.9071441°

Longitude
79.6952856°

Local 10:51:35 AM
GMT 05:21:35 AM

Altitude 0 feet
Thursday, 04-08-2022



Annexure 4: Feedback analysis:

FEEDBACK FORM ANALYSIS

S.No	Criteria	Percentage
1	Program relevant	Strongly agree 93%, Agree 7%
2	Objectives were clearly defined	Strongly agree 88%, Agree 12%
3	Materials provided was helpful	Strongly agree 83%, Agree 15%Disagree 2%
4	Length of program was sufficient	Strongly agree 49%, Agree 51%
5	Content well organized	Strongly agree 76%, Agree 24%
6	Ques/interactions were encouraged	Strongly agree 76%, Agree 24%
7	Instructions clear & understandable	Strongly agree 93%, Agree 7%
8	Satisfied with 2 days program	Strongly agree 93%, Agree 7%
9	Presenter& presentation effective	Strongly agree 90%, Agree 10%
10	Facilities adequate & comfortable	Strongly agree 93%, Agree 7%

Other comments and suggestions

1. Overall the participants felt it was well organized and content resource persons and food was good.
2. 24% participants felt workshop could be of 3 days
3. 10% participants wanted some sessions to be elaborate- and more hands on training
4. 1 participant felt that breakout session was needed.



Annexure 5: Model Certificate of Participants:

