

## REGISTRATION FEE

Before January 12th 2020

Faculty and PG Students - Rs. 2000/-

After January 12th

Faculty and PG Students - Rs. 2250/-

## FOR CONFERENCE REGISTRATION AND FURTHER DETAILS CONTACT

**Sr. Terese SIC** - 9496 873 007  
email : teresekochuvilayil@gmail.com

**Ms. Wincy Mary Wilson** - 9072 446 702  
email : wincyjithesh198775@gmail.com

## HIGHLIGHTS:

- Research Scholars will be equipped to do their sample size determination, data entry, data analysis and interpretation of result.
- Hands on training on data analysis using statistical software.
- Faculty will be equipped to guide the PG research scholars in data management.

(All the participants are requested to bring Laptop. Dummy Data of the medical research studies also will be provided in individual laptops to practice during skill stations.)

### Organizing Chairperson

**Prof. Sr. Terese SIC**  
Principal cum Research Coordinator  
Pushpagiri College of Nursing, Tiruvalla

### Treasurer

**Mrs. Renjini Devi**  
VicePrincipal,  
Pushpagiri College of Nursing, Tiruvalla

### Organizing Secretary

**Ms. Wincy Mary Wilson**  
Asst. Professor  
Pushpagiri College of Nursing, Tiruvalla

### Student Organizing Secretary

**Mr. Hilal Muhammad M.**  
First year M.Sc (N)  
Pushpagiri College of Nursing, Tiruvalla



### CHIEF PATRON

**H.G. Most Rev. Dr. Thomas Mar Koorilos**  
(Metropolitan Archbishop of Tiruvalla)

### PATRONS

**Rev. Fr. Jose Kallumalickal**  
(Chief Executive Officer)

**Shri. Jacob Punnoose IPS**  
(Executive Director cum Comptroller)

### Co PATRON

**Rev. Dr. Mathew Mazhavancheril**  
( Director Academics & Research)



*Biostatistics is the prime most constituent of the Bio-medical research.*

**CELEBRATING 60<sup>th</sup> YEAR  
IN SERVING GOD AND HUMANITY  
FLORIAN METRICS**

**STATE LEVEL WORKSHOP ON**  
*"Advances of Biostatistics in  
Medical Research"*

Organised by

**Faculty & Students of  
Nursing Research Department  
Pushpagiri College of Nursing, Tiruvalla**

Target Audience

Research Scholars / PhD Scholars /  
PG Students of all health care disciplines /  
Research Guides / Faculty of all health  
care disciplines

**DATE : JANUARY 17<sup>th</sup> & 18<sup>th</sup> 2020  
VENUE : COLLEGE OF NURSING, AUDITORIUM**

Awarded 13 credit hours from KNMC

## STATE LEVEL WORKSHOP ON ADVANCES IN BIOSTATISTICS IN MEDICAL RESEARCH

(in commemoration of 60th year celebration of  
Pushpagiri group of Institutions.)

Dear Delegates,

Pushpagiri Medical College Hospital is celebrating its 60<sup>th</sup> year of service to the Lord and the people. While stepping into diamond jubilee, faculty and students of Nursing Research Department of Pushpagiri college of Nursing is organizing a State Level workshop on "Advances of Biostatistics in Medical Research" on 17th and 18th January 2020..You all are cordially invited for this enlightening experience.

### AIMS

The workshop aims to refresh the basics and advancement of statistical methods and to enrich the aspirants with knowledge and skills essential for different techniques of statistical package

### OBJECTIVES

On completion of the session, the participants,

- Recognize the importance of statistics in medical research.
- Develop skill in sample size determination on various types of research designs.
- Calibrate skill to manage data in excel and in statistical software.
- Develop skill to perform various descriptive statistics using statistical software.
- Develop skill in handling various inferential statistical tests using statistical software.

### THEME:

**"UNDERSTANDING THE ADVANCES  
IN BIOSTATISTICS FOR  
QUALITY HEALTH CARE"**

#### DAY -1 (17/01/2020)

8.00 - 8.30 am	: REGISTRATION
8.30 - 9.00 am	: Inauguration
9.00 - 9.30 am	: Orientation to the program <b>Prof. Sr. Terese SIC</b> (Principal Pushpagiri College of Nursing)
9.30 - 10.00 am	: Importance of Statistics in Medical Research <b>Prof. Sr. Terese SIC</b> (Principal Pushpagiri College of Nursing)
10.00 am - 10.30 am	: TEA BREAK
10.30 am - 11.30 am	: Introduction to inferential statistics – Basics, Concepts, terms and definitions <b>Dr. Oommen P. Mathew</b> (Population Research Centre, Thiruvananthapuram)
11.30 am - 1 pm	: Sample size determination, Skill station on determination of sample size. <b>Dr. Oommen P. Mathew</b> (Population Research Centre, Thiruvananthapuram)
1.00 - 1.30 pm	: LUNCH
1.30 pm - 2.30 pm	: Data Management in Statistical software, Descriptive statistics using statistical software <b>Dr. Oommen P. Mathew</b> (Population Research Centre, Thiruvananthapuram)
2.30 pm - 4.30pm	: Skill Station – Data Management & Descriptive statistics using statistical software <b>Ms. Renjini Devi</b> (Vice Principal), <b>Sr. Serena CMC</b> (Assoc. Professor) & <b>Ms. Serene Anna Oommen</b>

#### DAY 2 - (18/01/2020)

8.00 - 8.30 am	: Reflection
8.30 am- 10.45 am	: Application of Parametric statistical tests in medical research using statistical software. <b>Dr. Oommen P. Mathew</b> (Population Research Centre, Thiruvananthapuram)
10.45 am - 11.00 am	: Tea Break
11.00 am - 1.00 pm	: Skill stations on Parametric statistical tests (Independent test, Paired t Test, ANOVA test, Repeated Measure ANOVA, Linear Regression) <b>Ms. Jincy Mariam</b> (Lecturer), <b>Ms. Wincy Mary Wilson</b> (Asst. Professor), & <b>Sr. Terese SIC</b> (Principal cum Research Coordinator),
1.00 pm - 1.30 pm	: LUNCH
1.30 pm - 2.30pm	: Application of Non-Parametric statistical tests in medical research using statistical software. <b>Dr. Oommen P. Mathew</b> (Population Research Centre, Thiruvananthapuram)
2.30 pm - 3.30 pm	: Skill station on Non-Parametric statistical tests (Mann Whitney U-Test, Wilcoxon Signed Rank Test, Kruskal- Wallis test, Chi Square test, Friedman test ) <b>Sr. Terese</b> (Principal cum Research Coordinator) & <b>Ms. Wincy Mary Wilson</b> (Asst. Professor) & <b>Ms. Serene Anna Oommen</b>
3.30 pm - 4.00 pm	: Valedictory Function

### REGISTRATION SLIP

Name .....

Designation.....

Institution.....

Address .....

RN/RM No. ....

Food Preferences :  
Veg  Non Veg

Mobile No.....

Email.....

Conference registration shall be remitted either as DD or NEFT payment and to be made by online money transfer

Source of Account No. : 00790530000729  
IFSC Code : SIBL0000079  
Branch : Pushpagiri Medical College Branch Tiruvalla

DD in favour of  
Principal, Pushpagiri College of Nursing.  
Payable at The South Indian Bank Limited at Pushpagiri Medical College Branch, Tiruvalla