**6th Research Methodology Workshop, Indian Pediatrics**

Venue: Auditorium, Indraprastha Apollo Hospitals, Sarita Vihar, New Delhi.

**Dates: 1st– 2nd October 2023**

**01.10.2022 (DAY 1) Sunday**

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|  | **EVENTS** | **TIMING** | **Faculty** |
|  | **REGISTRATION** | 8:30 AM to 9:00 AM |  |
|  | **Ice Breaking Session and Introduction to  Course material** | 8:45 AM -9:30 AM | Dr. Piyush Gupta |
|  | **Objective of the workshop** | 9:30 AM -9:45 AM | Dr. Abhijeet Saha |
| **Session 1** | **Identification of Research Question**  Plenary session  Group work | 09:45 AM -10:30 AM  15 min  30 min | Dr. Piyush Gupta All faculty on tables |
|  | **Study Designs**  Plenary session  Group work  Summary of RQ and Study Design | 10:30 AM -11:30 AM  20 min  30 min  10 min | Dr. Siddarth Ramji All faculty on tables - |
|  | **TEA 11:30 -11:45 am** | | |
| **Session 2a** | **Hypothesis and Outcome Measures**  Plenary session  Group work | 11:45 AM -12:30 PM  15 min  30 min | Dr. Rakesh Lodha All faculty on tables |
| **Session 2b** | **Basic Statistics with exercises** | 12:30 PM-02:00 PM | Dr. Amir Maroof Khan |
|  | **LUNCH 2:00-2:45 pm** | | |
| **Session 3**  **(a)**  **(b)**  **(c)** | **Designing Methods for Specific Studies**  *Observational Studies* (Descriptive, cohort, case-control)  Plenary session  Group Work  *Diagnostic Studies*  Plenary session  Group Work  *Interventional studies*  Plenary session  Group Work | 2:45 PM -4:45 PM  15 + 30 min  10 + 20 min  15 + 30 min | Dr. Siddarth Ramji All faculty on tables  Dr. Jaya Shankar Kaushik  All faculty on tables  Dr. Rakesh Lodha All faculty on tables |

**02.10.2023 (DAY 2) Monday**

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|  | **EVENTS** | **TIMING** | **Faculty** |
|  | **Recap of Day 1** | 8.45 AM-9.00 AM | Dr Abhijeet Saha |
| **Session 4** | **Sampling techniques, Sample size and calculation & Exercises**  Group Work | 9:00 AM-10:00 AM | Dr. Amir Maroof Khan |
| **Session 5** | **Data entry and Basic analysis by Excel**  (Demonstration and Group exercises) | 10:00 AM-11:00 AM | Dr. Dheeraj Shah |
|  | **TEA 11:00 AM -11:15 AM** | | |
| **Session 6** | **Design a Questionnaire** | 11:15 AM-12:00 PM | Dr. Amir Maroof Khan |
| **Session 7 (a)**  **(b)** | **Transferring Data to SPSS**  **Data Analysis SPSS Basics** (Group Work) | 12.00 PM- 12.05 PM  12:05 PM-1:45 PM | Dr Abhijeet Saha  Dr Siddarth Ramji, Dr Rakesh Lodha,  Dr. Dheeraj Shah Dr. Amir M Khan, Dr. Abhijeet Saha, Dr Jaya Shankar Kaushik |
|  | **LUNCH 1:45 PM-2:30 PM** | | |
| **Session 8** | **Basic Principles**  **Interpretation of Data Analysis and Data Analysis Exercises** (Group Work) | 2.30 PM- 2.40 PM  2:40 PM-4:10 PM | Dr Jaya Shankar Kaushik  Dr Siddarth Ramji, Dr Rakesh Lodha,  Dr. Dheeraj Shah Dr. Amir M Khan, Dr. Abhijeet Saha, Dr Jaya Shankar Kaushik |
|  | **TEA 4:10** **PM -4:25 PM** | | |
| **Session 9** | **Ethical & Managerial Issues in Research** Q&A session | 4:25 PM – 5.00PM | Experts: Dr S Ramji, Dr Dheeraj Shah, Dr SB Mukherjee, Dr Aashima Dabas, Dr Piyush Jain  **Moderator**: Dr. Kirti Sudha Mishra |
| **Session 10** | **Valedictory & Certificate Distribution** | 5.00 PM – 5.15 PM | All faculty |

**Faculty**

Dr Piyush Gupta (1st October), Dr Siddarth Ramji, Dr Devendra Mishra, Dr Dheeraj Shah (2nd October), Dr Rakesh Lodha, Dr Amir Maroof Khan, Dr SB Mukherjee (Available for 1 session), Dr Abhijeet Saha, Dr Jaya Shankar Kaushik, Dr Aashima Dabas, Dr KS Mishra (Available for 1 session), Dr Piyush Jain ( Available for 1 session)