

IndiraGandhiInstituteofMedicalSciences,Patna
Sheikhpura.Patna-800 014(Bihar,India)

Foundation Course on Research Methodology 2024
For 1st Year PG (MD/MS/DM/M.Ch.) Trainees of IGIMS, Patna
On 2nd and 3rd January 2024 at Lecture Theater 1, IGIMS, Patna

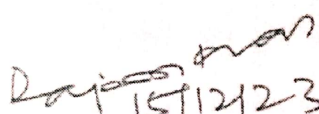
ProgramSchedule

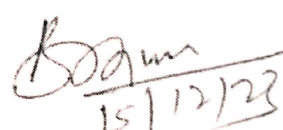
Sl. No.	Topics	Facilitator	Time (Hours)
Day 1 (Tuesday) 02-01-2024			
Registration and Pre-course Assessment			09:30 to 10:00
1	Introduction to the course: sensitization	Prof. (Dr.) Bindey Kumar (Director, IGIMS)	09:30 to 10:00
2	Framing research question, hypothesis, objectives	Dr. Amit Kumar Sinha (Ped Surg, AIIMS, Patna)	10:00 to 11:00
3	Writing review of literature and literature search	Dr. Abhyuday Kumar (Anesthesiology, AIIMS, Patna)	11:00 to 12:00
4	Basics of Zotero reference manager software	Dr. Sukalyan Saha Roy (Pharmacology, IGIMS)	12:00 to 12:30
B R E A K for L U N C H			12:30 to 13:30
5	i. Basic concepts of methodology and study design ii. Sample size calculation with online calculators (for observational study)	Dr. Alok Ranjan (Biostat., CFM, AIIMS, Patna)	13:30 to 15:30
6	Sampling technique for observational and interventional studies	Dr. Sukalyan Saha Roy (Pharmacology, IGIMS)	15:30 to 16:30

D. K. Sinha
15.12.23

D. K. Sinha
15.12.23

Sl. No.	Topics	Facilitator	Time (Hours)
Day 2 (Wednesday) 03-01-2024			
7	Sample size calculation with online calculators (for experimental study)	Prof. (Dr.) Pragya Kumar (CFM, AIIMS, Patna)	10:00 to 11:00
8	Writing a study plan	Prof. (Dr.) Rajesh Kumar (Dean Research)	11:00 to 11:30
9	Questionnaire development and creation of dummy tables	Dr. Tulika Singh (Com. Med., IGIMS)	11:30 to 12:30
B R E A K for L U N C H			12:30 to 13:30
10	Data management	Dr. Samshad Ahmad (CFM, AIIMS, Patna)	13:30 to 15:00
11	Statistical analysis	Dr. Alok Ranjan (Biostat., CFM, AIIMS, Patna)	15:00 to 16:30
Post-course Assessment and Valedictory			16:30 to 17:00


 15/12/23
 Prof (Dr.) Rajesh Kumar
 Dean (Research)


 15/12/23
 Prof (Dr.) Bindey Kumar
 Director