NARAYANA
MEDICAL COLLEGE

PG ORIENTATION
&
RESEARCH METHODOLOGY PROGRAMME

5th & 6th JUNE 2025

ORGANIZED BY

Department of Medical Education
&
PG Academic Cell
In association with

Departments of Pharmacology & Community Medicine

Organizing Chairman
Dr.P.Sreenivasulu Reddy
Principal

Organizing Secretary
Dr.V.Mahidhar Reddy
Medical Education Unit Coordinator

Organizing Joint Secretary
Dr.V.Krishna Chaitanya
PG Academic Coordinator

Venue: Louis Pasteur Gallery, Narayana Medical College

Orientation Programme (05-06-2025)

Time	Session	Learning Objectives	Resource Faculty
8.00-8:30 AM	Registration		
8:30-9:00 AM	Inauguration		
9:00-10:AM	Narayana Medical Institutions Legacy Hospital Infrastructure & facilities	History Vision & Mission Organiztion structure Future plans Hospital Infrastructure, Facilities, OPD, Wards, Emergency, OT, out reach facilities etc.	Dr.Biju Ravindran, Co-ordinator, Narayana Medical institutuons, Professor & HOD, Orthopaedics.
10:00-11:00AM	Infection Control & Biomedical waste management	Various anti-septic measures to be followed, antibiotic policy, Safe anti-septic precautuons, How biomedical waste is managed in Narayana, Colouring of dust bins, needle disposal etc.	Dr.P.Sreenivasulu Reddy, Principal, Narayana Medical College, Professor of Microbiology.
11:00-11:15 AM	Tea Break		
11.15- 12:15 PM	Academics	Attendance, Dept. Academics, CAP, Thesis, GCP, GLP, BCLS& ACLS, DRP, Superspeciality Postings, Leaves guidelines, Biometrics, Log books etc.	Dr.V.Krishna Chaitanya, PG Academic Coodinator, Professor & HOD ENT.
12.15-1:15 PM	Attitudes, Ethics & Communications with patients	Affective & Soft skills, Behaviour of doctors, Bio-ethics, Ethical issues in dealing with patients, How to communicate various issues with the patients.	Dr.V.Mahidhar Reddy, Medical Education Unit Coordinator, Professor & HOD General Surgery.
1:15-2:00 PM	Lunch Break		
2:00- 2:30 PM	Handling an Emergency situation	How to activate Code blue, Fire safety, How to use a fire extinguisher, Safe assembly, Security alarm & Manging Patient Mobs.	Dr.S.GopalKrishna HOD Dept. of Emergency Medicine
2:30- 3:00 PM	Stress Management	Dealing with Stress, how to overcome, how to follow a stress free working pattern. When to address stress	Dr.V.V.Seshamma Professor & HOD Psychiatry
3:00- 3:15 PM	Tea Break		
3:15-4:00 PM	Medico-Legal issues in patient care	Awareness of various Medico-legal issues How to handle them Preventive measures	Dr.Bala Maddileti Professor & HOD Dept. of Forensic Medicine
4:00-4:30 PM	Hostels Guidelines		Dr.Dorasanamma Professor of General Medicine, Hostel Warden.
4:30-5:00 PM	Campus Security & Guidelines		Mr.Nagi Reddy, Chief Security Officer.

Biomedical Research Methodology (06-06-2025)

Time	Session	Learning Objectives	Resource Faculty
9:00 – 9:45 AM	Introduction to Health Research & Formulating a Question	Understand the nature of health research, identify problems, formulate a clear research question (PICO)	Dr.P.Rama Mohan, Professor of Pharmacology, Research Head, ARC.
9:45 – 10:30 AM	Literature Review & Hypothesis Formation	Learn to search, appraise literature, and frame a hypothesis and SMART objectives	Dr.P.Rama Mohan, Professor of Pharmacology, Research Head, ARC.
10:30 – 10:45 AM	Tea Break		
10:45 – 11:30 AM	Study Designs in Biomedical Research	Distinguish between descriptive, analytical, and experimental designs; understand validity & biases	Dr.C.Jyothi Professor & HOD, Dept.of Community Medicine.
11:30 – 12:15 PM	Sampling Methods & Sample Size Estimation	Understand sampling techniques and calculate sample size with considerations for study power	Dr.C.Kumar Professor of Community Medicine, IQAC Coordinator.
12:15 – 1:00 PM	Measurement of Variables & Data Collection Tools	Define variables, scales of measurement; design appropriate and reliable data collection tools	Dr.C.Jyothi Professor & HOD, Dept. of Community Medicine.
1:00 – 1:45 PM	Lunch Break		
1:45 – 2:30 PM	Basics of Data Management and Analysis	Understand data coding, entry, cleaning; overview of descriptive and inferential statistics	Dr.N.Ram Kumar Statistician, Assistant Professor, Dept. of Community Medicine
2:30 – 3:15 PM	Ethical Principles & Clinical Trials in Research	Apply ICMR ethical guidelines; understand consent, risk-benefit assessment, and basics of clinical trials	Dr.B.Madhavulu Professor & HOD, Dept. of Pharmacology.
3:15-3:30 PM	Tea Break		
3:30 – 4:15 PM	Protocol Writing, Publication Ethics & Grant Writing	Learn to prepare a protocol, understand plagiarism, authorship criteria, and basics of grant writing	Dr.P.Rama Mohan, Professor of Pharmacology, Research Head, ARC.
4:15 – 5:00 PM	Drafting a Thesis	Differences between a research paper & a thesis Discuss University guidelines and timelines	Dr.C.Kumar Professor of Community Medicine, IQAC Coordinator.
5:00-5:30 PM	Valedictory		

Registration
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