

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

SCHEDULE DAY - 1

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.

SCHEDULE DAY - 2

Biomedical Research Methodology (06-06-2025)

9:00 – 9:45 AM Introduction to Health Research & Formulating a Question 9:45 – 10:30 AM Literature Review & Hypothesis Formation 10:30 – 10:45 AM Tea Break 10:45 – 11:30 AM Literature Review & Hypothesis Formation Tea Break 10:45 – 11:30 AM Tea Break 10:45 – 11:30 AM Study Designs in Biomedical Research validity & biases 11:30 – 12:15 PM Sampling Methods & Sample Size Estimation Sample Size Estimation Suddenstand the nature of health research, identify problems, formulate a clear research, professor of Pharmacology, Research Head ARC. Dr.P.Rama Mohan, Professor of Pharmacology, Research Head ARC. Dr.P.Rama Mohan, Professor of Pharmacology, Research Head ARC. Dr.C.Jyothi Professor & HoD, Dept.of Community Medicine. Dr.C.Kumar Professor of Community Medicine, IQAC	Researc	tion to Health	Understand the nature	Resource Faculty
Formulating a Question Question Professor of Pharmacology, Research Head ARC. 9:45 – 10:30 AM Literature Review & Hypothesis Formation SMART objectives Learn to search, appraise literature, and frame a hypothesis and SMART objectives Professor of Pharmacology, Research Head ARC. 10:30 – 10:45 AM Tea Break 10:45 – 11:30 AM Study Designs in Biomedical Research Biomedical Research Study Designs in Biomedical Research Study Designs in Biomedical Research Understand validity & biases Sample Size Estimation Learn to search, appraise literature, and frame a hypothesis and SMART objectives Dr.P.Rama Mohan, Professor of Pharmacology, Research Head ARC. Dr.C.Jyothi Professor & HOD, Dept.of Community Medicine. Dept.of Community Medicine. Dr.C.Kumar Professor of Community Medicine,		-		
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Coordinator.			power	•
12:15 – 1:00 PM Measurement of Define variables, scales Dr.C.Jyothi	0 PM Measur	ment of	Define variables, scales	
Variables & Data of measurement; design Professor &	Variable	s & Data		
Collection Tools appropriate and reliable HOD,	Collecti	n Tools		
data collection tools Dept. of			data collection tools	_
Community Medicine.				1
1:00 – 1:45 PM	PM Lunch F	reak		Medicine.
1:45 – 2:30 PM Basics of Data Understand data coding, Dr.N.Ram Kum	PM Basics of	Data	Understand data coding,	Dr.N.Ram Kumar
Management and entry, cleaning; Statistician,		nent and		1
Analysis overview of descriptive Assistant	Analysi			
and inferential statistics Professor, Dept. of			and inferential statistics	
Community				_
Medicine				
1 11 5		_		Dr.B.Madhavulu
Clinical Trials in guidelines; understand Professor &			_	
Research consent, risk-benefit HOD, assessment, and basics Dept. of	keseard	1	,	
			·	Pharmacology.
3:15-3:30 PM	M Tea Bre	k		30,
3:30 – 4:15 PM Protocol Writing, Learn to prepare a Dr.P.Rama		0		
Publication Ethics & protocol, understand Mohan,			-	· ·
Grant Writing plagiarism, authorship Professor of criteria, and basics of Pharmacology,	Grant W	riting		
			·	Pharmacology, Research Head,
ARC.			D-4111 111111111111111111111111111111111	· ·
4:15 – 5:00 PM Drafting a Thesis Differences between a Dr.C.Kumar	PM Drafting	a Thesis		
research paper & a Professor of			1	
thesis Discuss Community				
University guidelines Medicine, and timelines IQAC				,
Coordinator.	and the second s		and differences	
5:00-5:30 PM Valedictory				Coordinator.

Registration FEE RS.1000/-

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