HAKIM SYED ZIAUL HASAN GOVT.UNANI MEDICAL COLLEGE, BHOPAL (M.P)
POSTGRADUATE EDUCATION – SEMESTER-I (2024 BATCH)
DYNAMIC TIMETABLE & TEACHING TRAINING SCHEDULE

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
RESEARCH METHODOLOGY – MODULE-1: RESEARCH BASICS						
(Monday) 2.12.2024	9 am – 1 pm	4	-	Departmental Postings	HOD	As per HOD.
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 3 pm	1	L1	Describe Research Process & Importance of Evidence Based Medicine	Teacher	1st PG Class
	3 pm to 5 pm	2	PT1.1	Elaborate the current status of Unani Medicine Research	Teacher	As per teacher
4.12.2024 (Wednesday)	9 am – 11 am	2	-	Departmental Postings	HOD	As per HOD.
	11 am – 1 pm	2	EL1.1	Identify the level of evidence in UnaniResearch	Teacher	As per teacher
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 3 pm	1	L2	Appreciate Research Concepts in UnaniMedicine System	Teacher	1st PG Class
	3 pm – 5 pm	2	PT1.2	Demonstrate Different Research Concepts in Unani Medicine System with examples	Teacher	As per teacher
5.12.2024 (Thursday)	9 am – 11 am	2	-	Departmental Postings	HOD	As per HOD.
	11 am – 1 pm	2	EL1.2	List out the challenges and probable solutions in Unani medicine research	Teacher	As per teacher
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 3 pm	1	L3	Describe the systematic approach of literature search using biomedical databases, search engines and software	Teacher	1st PG class
	3 pm – 5 pm	2	-	Inter-departmental Activity	PG DEAN	Auditorium
6.12.2024 (Friday)	9 am – 11 am	2	-	Departmental Postings	HOD	As per HOD.
	11 am – 1 pm	2	PT1.3	Demonstrate literature search in medical databases	Teacher	As per teacher
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 5 pm	3	EL1.3	Conduct a literature search for a given scenario	Teacher	As per teacher
7.12.2024 (Saturday)	9 am – 11 am	2	-	Departmental postings	HOD	As per HOD.
	11 am 12 noon	1	L4	Describe the methods for identifying the research problem	Teacher	1st PG class
	12 noon -2 pm	2	PT1.4	Enlist different ways of identifying the research problem	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch Break	-	-
	3 pm – 5 pm	2	-	Departmental Colloquium	HOD	As per HOD
9.12.2024 (Monday)	9 am – 10 am	2	-	Departmental postings	HOD	As per HOD.
	10 am – 1 pm	3	EL1.4	Identify the research problem	Teacher	As per teacher
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 3 pm	1	L5	Define and explain characteristics of good research question, hypothesis – types and formulation, framing objectives	Teacher	1st PG class
	3 pm = 5 pm	2	PT1.5	Demonstrate the qualities of good research questions (PICO/T & FINER approach) Demonstrate the importance of framing appropriate hypothesis and pertinent objectives	Teacher	As per teacher
10.12.2024 (Tuesday)	9 am – 10 am	-	-	Departmental postings	HOD	As per HOD.
	10 am – 2 pm	3	EL1.5	Frame Research Questions, hypothesis and study objectives	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch Break	-	-
	3 pm – 5 pm	2	RM-MA-1	**Modular Assessment**	HOD	As per HOD
BIOSTATISTICS – MODULE-1: FUNDMENTALS OF STATISTICS						
1112.2024 (Wednesday)	9 am – 12 noon	3	-	Departmental Postings	HOD	As per HOD.
	12 noon – 1 pm	1	L1	Define statistics and describe the concepts of biostatistics. Use and misuse of statistics.	Teacher	1st PG class
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 3 pm	1	L2	Explain the data, variables and their types	Teacher	1st PG Class
	3 pm – 5 pm	2	PT1.1	Appraise to enter, clean, group and code for given data sets in excel and other statistical software	Teacher	As per teacher
12.12.2024 (Thursday)	9 am – 11 am	2	-	Departmental postings	HOD	As per HOD.
	11 am – 12 noon	1	L3	Explain different methods of presentation of data	Teacher	1st PG class
	12 noon – 2 pm	2	PT1.2	Construct the tables (tabulate) with one or more factors of classification manually/ statistical tool/software (frequency distributions)	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch Break	-	-
	3 pm to 5 pm	2	-	Inter-departmental activity	PG Dean	Auditorium
13.12.2024 (Friday)	9 am – 11 am	2	-	Departmental postings	HOD	As per dept.
	11 am – 2 pm	3	EL1.1	Collect, enter, clean and manually tabulate data collected/statistical tool/ software	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch Break	-	-
	3 pm – 5 pm	2	PT1.3	Represent the quantitative and qualitative data diagrammatically and graphically (cumulative frequency distributions and their graphical representations, histogram, frequency polygon, frequency curve, ogives, population pyramid and box plot)	Teacher	As per teacher
14.12.2024 (Saturday)	9 am – 11 am	2	-	Departmental postings	HOD	As per HOD.
	11 am – 2 pm	3	EL1.2	Data collection, enter, cleaning, tabulation and graphically/ diagrammatically present the data collected manually/ statistical tool/ software.	Teacher	As per teacher

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	2 pm – 3 pm	1	-	Lunch break	-	-
	3 pm – 5 pm	2	-	Departmental Colloquium	HOD	As per HOD.
16.12.2024 (Monday)	9 am – 11 am	2	-	Departmental postings	HOD	As per HOD.
	11 am – 12 noon	1	L4	Explain the measures of central tendency mean (arithmetic, geometric, harmonic), median, mode and proportion.	Teacher	1st PG class
	12 noon – 2 pm	2	PT1.4	Calculate and demonstrate measures of central tendency using different sets of data (5 each)	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch break	-	-
	3 pm – 5 pm	2	EL1.3	Collect, enter, clean and compute measures of central tendency/ statistical tool/ software	Teacher	As per teacher
17.12.2024 (Tuesday)	9 am – 11 am	2	-	Departmental postings	HOD	As per HOD.
	11 am – 12 noon	1	L5	Explain the measures of dispersion – range, quartile deviation, mean deviation and standard deviation and co- efficient of variation.	Teacher	1st PG class
	12 noon – 2 pm	2	PT1.5	Calculate and demonstrate measures of dispersion using different sets of data	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch break	-	-
	3 pm – 5 pm	2	EL1.4	Collect, enter, clean data with computing measures of dispersion with manually/statistical tool/software	Teacher	As per teacher
18.12.2024 (Wed)	9 am – 11 am	2	-	Departmental postings	HOD	As per HOD.
	11 am – 2 pm	3	EL1.5	Collect, enter, clean, present and compute descriptive data analysis for one quantitative and qualitative variable manually / statistical tool/ software	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch break	-	-
	3 pm – 5 pm	2	BS-MA-1	**Modular Assessment**	HOD	As per HOD

RESEARCH METHODOLOGY – MODULE-2: ETHICS AND REGULATORY ASPECTS IN RESEARCH

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
19.12.2024 (Thursday)	9 am – 11am	2	-	Departmental Postings	HOD	As per HOD.
	11am – 12noon	1	L1	Describe the history, need, role, and fundamental principles of ethics in research related to Humans and Animals	Teacher	1st PG Class
	12 noon-1pm	1	L2	Explain the history and contents of ICMR, ICH-GCP, and GCP-Unani medicine guidelines.	Teacher	1st PG Class
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2pm -3pm	1	PT2.1	Comprehend the contents of ICMR, ICH-GCP and GCP-Unani medicine guidelines including the process of Clinical trial registration	Teacher	As per teacher
	3pm –4 pm	1	PT2.2	Enlist cases where the principle of autonomy and justice is upheld and compromised.	Teacher	As per teacher
	4 pm –5 pm	1	PT2.3	Enlist cases where principles of beneficence/non-malfeasance are upheld and compromised	Teacher	As per teacher
20.12.2024 (Friday)	9 am – 11 am	2	-	Departmental Postings	HOD	As per HOD.
	11 pm – 12noon	1	EL2.1	Demonstrate the ethical principles by developing a case scenario	Teacher	As per teacher
	12noon -1 pm	1	EL2.2	Identify the ethical principles in a given case scenario	Teacher	As per teacher
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 3 pm	1	L3	Explain the constitution, composition, review process, registration, andRegulation of the Institutional human and animal ethics committee.	Teacher	1st PG class
	3 pm – 5 pm	2	PT2.4	Construct the composition of the ethics committee through different caseScenarios.	Teacher	As per teacher
21.12.2024 (Saturday)	9 am – 11 am	2	-	Departmental Postings	HOD	As per HOD.
	11 am – 2 pm	3	PT2.5	Enlist the elements of the review process through different case scenarios	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch Break	-	-
	3 pm – 5 pm	2	-	Inter-departmental Activity	HOD	Auditorium
23.12.2024 (Monday)	9 am – 11 am	2	-	Departmental Postings	HOD	As per HOD.
	11am – 1 pm	2	PT2.6	Identify ethical issues specific to Unani medicine research through different case scenarios.	Teacher	As per teacher
	1pm – 2 pm	1	-	Lunch Break	-	-
	2pm-5 pm	3	EL2.3 -A	Demonstrate the review process of IHEC	Teacher	1st PG class
24.12.2024 (Tuesday)	9 am – 10 am	1	-	Departmental postings	HOD	As per HOD.
	10am – 1 pm	3	EL2.3 -B	Demonstrate the review process of IHEC	-	-
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2pm-5pm	3	EL2.4-A	Demonstrate the review process of IAEC	Teacher	As per teacher
26.12.2024 (Thursday)	9 am – 12noon	3	-	Departmental postings	HOD	As per HOD.
	12 noon –2 pm	2	EL2.4-B	Demonstrate the review process of IAEC	Teacher	As per teacher
	2 pm –3 pm	1	-	Lunch Break	-	-
	3pm-5pm	2	-	Departmental Colloquium	HOD	As per HOD.
27.12.2024 (Friday)	9 am-12Noon	3	-	Departmental postings	HOD	As per HOD.
	12noon-1pm	1	L4	Explain the history, objectives, hierarchy, and ADR reporting method ofthe Pharmacovigilance program for Unani medicine & H drugs.	Teacher	1st PG class
	1pm-2pm	1	L5	Outline the importance and various forms of IPR (copyright,	Teacher	1st PG class

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				trademark,Industrial design, geographical designs, patents).		
	2pm –3 pm	1		Lunch Break	-	-
	3 pm – 5 pm	2	RM-MA-2	**Modular Assessment**	HOD	As per HOD

BIOSTATISTICS – MODULE-2: PROBABILITY, PROBABILITY DISTRIBUTIONS, SAMPLING TECHNIQUES, AND SAMPLE SIZE DETERMINATIONS

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
28.12.2024 (Saturday)	9 am – 11am	2	-	Departmental Postings	HOD	As per HOD.
	11 am-12pm	1	L1	Explain Sample Spaces and Events associated with a random experiment. Define probability and discuss the laws of probability	Teacher	1st PG class
	12 pm-2pm	2	EL2.1	Generate questions on probability, experimental probability, Mutually Exclusive, and Exhaustive Events in probability	Teacher	As per Teacher
	2 pm – 3 pm	1		. Lunch Break	-	-
	3pm – 4 pm	1	L2	Define and discuss the properties of normal distribution and explain standard normal distribution.	Teacher	1st PG class
	4 pm –5 pm	1	L3	Explain ways to test the assumption of normality (based on measures of central tendency, histogram, Shapiro-Wilk test)	Teacher	1st PG class
30.12.2024 (Monday)	9 am – 11noon	2	-	Departmental postings	HOD	As per HOD.
	11 noon- 1pm	2	-	Test and appraise the assumption of normality of given data sets using Excel and other software.	Teacher	As per teacher
	1pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 4 pm	2	PT2.2	Interpret results in Excel and other software for testing the normality of given data sets.	Teacher	As per teacher
	4 pm to 5 pm	2	-	Inter-departmental activity	HOD	As per HOD.
31.12.2024 (Tuesday)	9 am – 11am	2	-	Departmental postings	HOD	As per dept.
	11am-12 pm	1	L4	Discuss assumptions, properties, and the application of binomial and poison distribution	Teacher	1st PG class
	12pm-2 pm	2	PT2.3	Compute the mean and variance of normal, binomial, and poison distribution (given the probability distribution function).	Teacher	As per teacher
	2 pm – 3 pm	1	-	Lunch Break	-	-
	3 pm – 5 pm	2	EL2.2	Identify and justify normal, binomial, and poison distribution using a secondary dataset /Published data	Teacher	As per teacher
01.01.2025 (Wednesday)	9 am – 11am	2	-	Departmental postings	HOD	As per HOD.
	11am-1 pm	2	EL2.3	Collect and present of different real-life events in Respective subject domains where they can apply normal, binomial, and poison concepts.	Teacher	As per teacher
	1pm-2 pm	1	-	Lunch break	-	-
	2 pm – 3 pm	1	L5	Define and explain Sampling distribution, Standard Error, Point Estimate, and confidence Interval	Teacher	1st PG class
	3 pm – 5 pm	2	PT2.4	Compute and interpret Standard Error, Point Estimate, and confidence interval for the mean.	Teacher	As per teacher
02.01.2025 (Thursday)	9 am – 11am	2	-	Departmental postings	HOD	As per HOD.
	11am-1pm	2	PT2.5	Compute and interpret Standard Error, Point Estimate, and confidence interval for proportion.	Teacher	As per teacher
	1pm – 2 pm	1	-	Lunch break	-	-
	2pm – 4pm	2	EL2.4	Identify and interpret the point estimate and confidence interval in the given research papers/data sets	Teacher	As per teacher
	4 pm- 5pm	2	-	Departmental Colloquium	HOD	As per HOD
03.01.2025 (Friday)	9 am – 11am	2	-	Departmental postings	HOD	As per HOD.
	11am-1pm	2	**EL2.5**	Identify and interpret the point estimate and confidence interval for collected data sets.	Teacher	As per teacher
	1pm – 2 pm	1	-	Lunch break	-	-
	2pm – 3 pm	1	L6	Explain the population, sample, parameter, and statistic	Teacher	1st PG class
	3pm – 5pm	2	-	Inter-departmental Activity	HOD	As per HOD
04.01.2025 (Saturday)	9 am – 10am	1	-	Departmental postings	HOD	As per HOD.
	10am-11pm	1	L7	Describe different Sampling techniques (Probability based) (simple, stratified, systematic, cluster)	Teacher	1st PG class
	11am-12pm	1	L8	Describe different Sampling techniques (non-probability based) (snow ball, convenience, quota)	Teacher	1st PG class
	1pm – 2 pm	1	-	Lunch break	-	-
	2pm – 3 pm	2	PT2.6	Demonstrate Sampling techniques (probability)	Teacher	As per teacher
	3pm-5pm	2	PT2.7	Demonstrate Sampling techniques (non-probability)	Teacher	As per teacher
06.01.2025 (Monday)	9 am- 10am	1	-	Departmental postings	HOD	As per HOD
	10am-11am	1	**L9**	Concept and understanding of sample size and study design (Descriptive, Analytical, and all study Designs)	Teacher	1st PG class
	11pm-1pm	2	PT2.8	Determine and Compute sample size for Descriptive study Designs manually, using Excel and other available software/tools.)	Teacher	As per teacher
	1pm – 2pm	1		Lunch Break	-	-
	2pm-4pm	2	PT2.9	Determine and compute sample size for analytical studies (manually, using Excel and other available software/tools.)	Teacher	As per teacher

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	4 pm-5 pm	1	-	Departmental Colloquium	HOD	As per HOD
07.01.2025 (Tuesday)	9 am- 11am	2		Departmental postings	HOD	As per HOD
	11am-1pm	2	PT2.10	Determine and compute sample size for RCT study designs (manually, using Excel and other available software/tools).	Teacher	As per teacher
	1pm – 2pm	1	-	Lunch Break	-	-
	2pm-4pm	2	EL2.6	Recognize sampling designs and critique sample sizes in research papers. Also, give the recommendations if they contradict	Teacher	As per teacher
	4pm-5pm	1	EL2.7a	Calculate sample size for an observational study, use appropriate sampling techniques, and collect the data.	Teacher	As per teacher
08.01.2025 (Wednesday)	9 am-11am	2	-	Departmental postings	HOD	As per HOD.
	11am-1pm	2	EL2.7b	Calculate sample size for an observational study, use appropriate sampling techniques, and collect the data.	Teacher	As per teacher
	1pm – 2pm	1	-	Lunch Break	-	-
	2 pm – 5pm	3	EL 2.8	Calculate sample size for analytical study using appropriate sampling technique and collect the data.	Teacher	As per teacher
09.01.2025 (Thursday)	9 am – 10am	2	-	Departmental postings	HOD	As per HOD.
	10am-12pm	2	EL 2.9	Calculate sample size for RCT study using appropriate sampling technique and collect the data.	Teacher	As per teacher
	12pm – 1pm	1	-	Lunch Break	-	-
	1 pm – 3 pm	2	EL 2.10	Build and justify different scenarios using appropriate Study design, sampling techniques, and sample size formula	Teacher	As per teacher
	3 pm – 5 pm	2	EL2.11	Plan and produce a simulated model for different probability Sampling Techniques.	Teacher	As per teacher
10.01.2025 (Friday)	9 am- 10am	1	-	Departmental postings	HOD	As per HOD
	10am-12pm	2		Plan and produce a simulated model for different non-probability sampling techniques.		
	12pm-1 pm	1	-	Lunch Break	-	-
	1 pm- 5 pm	4	**BS-MA-2**	**Modular Assessment**	HOD	As per HOD

RESEARCH METHODOLOGY – MODULE-3: RESEARCH TYPES - PART 1

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
11.01.2025 (Saturday)	9am -11 noon	2		Departmental postings	HOD	As per HOD
	11am-12 pm	1	L1	Distinguish different types of research	Teacher	1st PG class
	12pm-2pm	2	PT3.1	Display different types of research with examples	Teacher	As per teacher
	2 pm – 3 pm	1		Lunch Break	-	-
	3 pm – 5 pm			Inter Departmental Activity	HOD	As per HOD
13.01.2025 (Monday)	9 am – 11 am	2	-	Departmental postings	HOD	As per HOD
	11 am – 2pm	3	L2	Describe qualitative research - definition, characteristics, relevance, types, methods of data collection, and ways to maintain robustness like credibility, transferability, dependability, and conformability.	Teacher	1st PG class
	2pm – 3pm	1		Lunch Break	-	-
	3 pm – 5 pm	2	PT3.2a	Identify the methods used in qualitative research	Teacher	As per teacher
14.01.2025 (Tuesday)	9 am – 11 am	2		Departmental postings	HOD	As per HOD
	11 am – 1 pm	2	PT3.2b	Identify the methods used in qualitative research	Teacher	As per teacher
	1pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 5pm	3	EL3.1-A-	Moderate/participate in Focused Group Discussions and interviews to illustrate the methods of qualitative research.	Teacher	As per teacher
15.01.2025 (Wednesday)	9am –11am	2		Departmental postings	HOD	As per HOD
	11 pm-2 pm	3	EL3.1-B	Moderate/participate in Focused Group Discussions and interviews to illustrate the methods of qualitative research.	Teacher	As per teacher
	2 pm – 3 pm		-	Lunch Break	-	-
	3 pm – 5 pm	3	**L3a**	Explain and distinguish various types of descriptive studies (Case report, Case series, Cross-sectional, longitudinal)	Teacher	1st PG class
16.01.2025 (Thursday)	9 am – 11am	2		Departmental postings	Teacher	As per teacher
	11am-1pm	2	PT3.3	Differentiate the descriptive studies in published literature – Case report	Teacher	As per teacher
	1pm-2pm	1		Lunch Break		
	2 pm – 4pm	2	PT3.4	Differentiate the descriptive studies in published literature – Case series	Teacher	As per teacher
	4pm-5 pm	1	-	Inter-departmental Activity	HOD	As per HOD
17.01.2025 (Friday)	9am -11 am	2	-	Departmental postings	HOD	As per HOD
	11 – 1 pm	2	PT3.5	Differentiate the descriptive studies in published literature – Cross-sectional study	Teacher	As per teacher
	1pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 4 pm	2	PT3.6	Differentiate the descriptive studies in published literature – Longitudinal study	Teacher	As per teacher
	4 pm – 5 pm	1	-	Departmental Colloquium	HOD	As per HOD
18.01.2025 (Saturday)	9am -10 am	2	-	Departmental postings	HOD	As per HOD
	10am – 1 pm	3	3.2-A	Acquire the knowledge of conducting various descriptive studies in hospital community/classroom/hostel.	Teacher	As per teacher
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 5 pm	3	3.2-B	Acquire the knowledge of conducting various descriptive	Teacher	As per teacher

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				studies in hospital community/classroom/hostel.		
20.01.2025 (Monday)	9 am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	3.2-C	Acquire the knowledge of conducting various descriptive studies in hospital community/classroom/hostel.	Teacher	As per teacher
	1am-2pm	1	-	Lunch Break	-	-
	2 pm – 4 pm	2	3.2-D	Acquire the knowledge of conducting various descriptive studies in hospital community/classroom/hostel.	Teacher	As per teacher
	4pm – 5 pm	1	L9A	Distinguish various types of observational studies (case-control, cohort, and cross-sectional analytical) and their applications	Teacher	1st PG class
21.01.2025 (Tuesday)	9am -10 am	1	-	Departmental postings	HOD	As per HOD
	10 – 12 pm	2	L9B	Distinguish various types of observational studies (case-control, cohort, and cross-sectional analytical) and their applications	Teacher	1st PG class
	12pm – 1 pm	1	-	Lunch Break	-	-
	1 pm – 3pm	2	PT3.7	Differentiate the cross-sectional analytical studies in published literature	Teacher	As per teacher
	3 pm – 5 pm	2	PT3.8	Differentiate the case-control studies in published literature.	Teacher	As per teacher
22.01.2025 (Wed)	9am –11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	PT3.9	Differentiate the cohort studies in published literature.	Teacher	As per teacher
	1pm- 2 pm	1	-	Lunch Break	-	-
	2 pm – 5 pm	3	EL3.3-A	Acquire the knowledge of conducting various observational studies.	Teacher	As per teacher
23.01.2025 (Thursday)	9 am – 11am	2	-	Departmental postings	HOD	As per HOD
	11am-2pm	3	EL3.3-B	Acquire the knowledge of conducting various observational studies.	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-
	3pm –5 pm	2	EL3.3-C	Acquire the knowledge of conducting various descriptive studies in hospital community/classroom/hostel.	Teacher	As per teacher
24.01.2025 (Friday)	9am-10am	1	-	Departmental postings	HOD	As per HOD
	10am- 12pm	2	EL3.3-D	Acquire the knowledge of conducting various descriptive studies in hospital community/classroom/hostel.	Teacher	As per teacher
	12pm-1pm	1	-	Lunch Break	-	-
	1pm -5 pm	4	RM-MA-3	**Modular Assessment**	HOD	As per HOD

BIOSTATISTICS – MODULE-3: TESTS OF SIGNIFICANCE AND PARAMETRIC STATISTICAL TESTS

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
25.01.2025 (Saturday)	9 am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-12pm	1	L1	Understand and explain the concept of null and alternate hypotheses(Examples)	Teacher	1st PG Class
	12noon-1pm	1	-	Lunch Break	-	-
	1pm-3pm	2	PT3.1	Construct the null and alternate hypothesis 2 Practical	Teacher	As per teacher
	3pm-5pm	2	-	Inter-Departmental Activity	HOD	As per HOD
27.01.2025 (Monday)	9 am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-12pm	1	L2	Define and explanation of Type I and Type II errors	Teacher	1st PG class
	12noon-1pm	1	-	Lunch Break	-	-
	1pm-2pm	1	PT3.2	Demonstrate type I & type II errors from the data collected from secondary	Teacher	As per teacher
	2pm-3pm	1	L3	Understand and describe Tests of significance (steps involved), level of significance, and power. Explain one-tail and two-tail tests	Teacher	1st PG class
	3pm-5pm	2	PT3.3	Distinguish tests of significance for different scenarios (one sample, two samples, independent, dependent, parametric, non-parametric) Differentiate one-tail and two-tail tests.	- Teacher	As perteacher
28.01.2025 (Tuesday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-2am	3	EL 3.1	Collect data from primary/secondary sources like articles or theses, identify data as one sample/two sample/ independent/ dependent/ one-time point/repeated, and suggest appropriate parametric/non-parametric test	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-
	3pm-4pm	1	L4	Outline the importance of the 'p' value and its interpretation. Distinguish the statistical significance and clinical significance	Teacher	As per teacher
	4 pm – 5 pm	1	-	Departmental Colloquium	HOD	As per HOD
29.01.2025 (Wed)	9am-11am	1	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	PT3.4	Examine the data and evaluate the significance and power. Critic the significance (statistical vs. clinical) in the given scenario	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-5pm	1	EL3.2	Collect data from secondary sources like articles or theses. Identify the tests of significance to be applied. Critic and interpret on level of significance, power, type I & type II errors, and p-value.		
30.01	9am-11am	2	-	Departmental postings	HOD	As per HOD

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
	11am-12pm	1	**L1**	Understand and explain the concept of null and alternate hypotheses(Examples)	Teacher	1st PG class
	12noon-1pm	1	-	Lunch Break	-	-
	1pm-3pm	2	PT3.5	Calculate the 'Z' test using different statistical tools/software for a data set	Teacher	As per teacher
	3pm-5pm	2	EL3.3A	Collect quantitative data from primary/secondary sources for a larger sample (n>30) with single/two groups. Utilizing data, do a Z test. Analyze the data with statistical tools and interpret the findings in terms of statistical and clinical significance.	Teacher	As per teacher
31.01.2025 (Friday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-12pm	1	EL3.3B	Collect quantitative data from primary/secondary sources for a larger sample (n>30) with single/two groups. Utilizing data, do a Z test. Analyze the data with statistical tools and interpret the findings in terms of statistical and clinical significance.	Teacher	As per teacher
	12pm-1pm	1	L6	Explain the dependent 't' test, its application, and interpretation	Teacher	1st PG class
	1pm-2pm	1		Lunch Break	-	-
	2pm-4pm	2	PT3.6	Demonstrate the 'dependent 't' test using different statistical tools/software for a data set	Teacher	As per teacher
	4pm-5pm	1		Inter-departmental Activity	HOD	As per HOD
01.022025 (Saturday)	9am-10am	1	-	Departmental postings	HOD	As per HOD
	10am-1pm	3	EL3.4	Collect quantitative data from primary/secondary sources for a sample with one group and two-time points. Utilizing data, do a dependent t-test. Analyze the data with statistical tools; Interpret the findings in terms of statistical and clinical significance.	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L7	Explain the independent 't' test, its application, and interpretation	Teacher	1st PG class
	3pm-5pm	2	PT3.7	Demonstrate the independent 't' test using different statistical tools/software for a data set	Teacher	As per teacher
03.02.2025 (Monday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-2pm	3	EL3.5	Collect quantitative data from primary/secondary sources for a sample with two groups and one-time points. Utilizing data, do an independent t-test. Analyse the data with statistical tools; Interpret the findings in terms of statistical and clinical significance.	Teacher	As per teacher
	2pm-3pm	1		Lunch Break	-	-
	3pm-4pm	1	L8	Explain the 'F' test, its application and interpretation	Teacher	1st PG class
	4pm-5pm	1		Departmental Colloquium	HOD	As per HOD
04.02.2025 (Tuesday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	PT3.8	Demonstrate the 'F' test using different statistical tools/software for a data set	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-5pm	3	EL3.6	Collect quantitative data from primary/secondary sources for a sample with more than two groups. Utilizing data, do an F test. Analyse the data with statistical tools, Interpret the findings in terms of statistical and clinical significance	Teacher	As per teacher
05.022025 (Wed)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-12pm	1	L9	Explain the 'ANOVA' test along with post hoc analyses, its application, and interpretation	Teacher	As per teacher
	12pm-2pm	2	PT3.9	Demonstrate the 'ANOVA' test with analysis using different statistical tools/software for a data set	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-
	2pm-5pm	2	EL3.7A	Collect quantitative data from primary/secondary sources for a sample with more than two groups and one-time points. Utilizing data, do ANOVA. Analyze the data with statistical tools; Interpret the findings in terms of statistical and clinical significance.	Teacher	As per teacher
06.02.2025 (Thursday)	9am-11noon	2	-	Departmental postings	HOD	As per HOD
	11am-12noon	1	EL3.7B	Collect quantitative data from primary/secondary sources for a sample with more than two groups and one-time points. Utilizing data, do ANOVA. Analyze the data with statistical tools; Interpret the findings in terms of statistical and clinical significance.	Teacher	As per teacher
	12noon-1pm	1	-	Lunch Break	-	-
	1pm-2pm	1	L10	Explain the 'repeated measures ANOVA' test along with post hoc analyses, its application, and interpretation	Teacher	1st PG class
	2pm-4pm	2	PR3.10	Demonstrate the 'repeated measures ANOVA' test with Analysis using different statistical/software for data set tools	Teacher	As per teacher
	4pm-5pm	1		Inter-departmental Activity	HOD	As per HOD
07.02	9am-11am	2	-	Departmental postings	HOD	As per HOD

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
	11am-1pm	2	EL3.8	Collect quantitative data from primary/secondary sources for a sample with more than two groups and more than two-time points. Utilizing data, do repeated measures ANOVA. Analyze the data with statistical tools, Interpret the findings in terms of statistical and clinical significance.	Teacher	As per teacher
	1pm-2pm	1		Lunch Break	-	-
	2pm-4pm	2	EL3.9	Collect quantitative data from primary/secondary sources for a sample with more than two groups and more than two-time points. Utilizing data, plan all parametric tests and assign levels of significance. Analyze the data with statistical tools, selecting the appropriate test. Interpret the findings in terms of statistical and clinical significance.	Teacher	As per teacher
	4pm-5pm	1		**Departmental Colloquium**	HOD	As per HOD
08.02.2025 (Saturday)	9am-12pm	3	-	Departmental postings	HOD	As per HOD
	12pm-1pm	1	-	Lunch Break	-	-
	1pm-4pm	4	**BS-MA: 3**	**Modular Assessment**	Teacher	As per teacher
RESEARCH METHODOLOGY – MODULE-4: RESEARCH TYPES - PART 2						
10.02.25 (Monday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11pm-12noon	1	L1	Explain bias at various stages of clinical trials and describe ways to eliminate bias such as randomization, blinding, and control.	Teacher	1st PG class
	12noon-1pm	1	L2A	Explain various types (pilot/ proof of concept/ exploratory, randomized/blinded/ controlled, Superiority/No- inferiority/ equivalence, phases of clinical trials) and methodological details (defining eligibility and withdrawal criteria, outcome assessment and variables, safety monitoring) of Interventional studies.	Teacher	1st PG class
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-4pm	3	L2B	Explain various types (pilot/ proof of concept/ exploratory, randomized/blinded/ controlled, Superiority/No- inferiority/ equivalence, phases of clinical trials) and methodological details (defining eligibility and withdrawal criteria, outcome assessment and variables, safety monitoring) of Interventional studies.	Teacher	1st PG class
	4pm-5pm	1	PT4.1-A	Appraise the Interventional study designs in published literature.	Teacher	As per teacher
11.022025 (Tuesday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-2pm	3	PT4.1-B	Appraise the Interventional study designs in published literature.	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-
	3pm-5pm	2	PT4.1C	Appraise the Interventional study designs in published literature.	Teacher	As per teacher
13.022025 (Thursday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	PT4.1-D	Appraise the Interventional study designs in published literature.	Teacher	As per teacher
	1pm-2pm	1		Lunch Break	-	-
	2pm-4pm	2	PT4.1-E	Appraise the Interventional study designs in published literature.	Teacher	As per teacher
	4pm-5pm	1		Interdepartmental Activity	HOD	As per HOD
14.022025 (Friday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-12pm	1	EL4.1A	Acquire the knowledge of conducting various interventional studies.	Teacher	As per teacher
	1pm-2pm	1		Lunch Break	-	-
	2pm-5pm	3	EL4.1B	Acquire the knowledge of conducting various interventional studies.	Teacher	As per teacher
15.022025 (Saturday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-12pm	1	EL4.2A	Acquire the knowledge of conducting various interventional studies.	Teacher	As per teacher
	12pm-1pm	1	-	Lunch Break	-	-
	1pm-4pm	3	EL4.2	Acquire the knowledge of conducting various interventional studies.	Teacher	As per teacher
	4pm-5pm	2		Departmental colloquium	HOD	As per HOD
17.022025 (Monday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	EL4.3-A	Frame Research Questions, hypothesis and study objectives	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-5pm	3	EL4.3-B	Frame Research Questions, hypothesis and study objectives	Teacher	As per teacher
18.022025 (Tuesday)	9am-1pm	4	-	Departmental postings	HOD	As per HOD
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L3	Non-conventional study designs (Black box design, n-1 design, whole system research, flexible-dose design)	Teacher	1st PG Class
	3 pm – 5 pm	2	**RM-MA-4**	**Modular Assessment**	HOD	As per HOD.

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE

BIOSTATISTICS-MODULE -4: NON-PARAMETRIC STATISTICAL TESTS

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
19.02.2025 (Wednesday)	9am-12pm	3	-	Departmental postings	HOD	As per HOD
	12am-1pm	1	L1	Explain non-parametric methods, their application, and interpretation Explain the Concept and application of the Chi-square test, Fisher's exact test.	Teacher	1st PG class
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-4pm	2	PT4.1	Calculate the Chi-square test and Fisher's exact test using statistical tools/software	Teacher	As per teacher
	4pm-5pm	1	EL4.1A	Collect the relevant data sets and apply the Chi-square test, Fisher's exact test	Teacher	As per teacher
20.02.2025 (Thursday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	EL4.1B	Collect the relevant data sets and apply the Chi-square test, Fisher's exact test	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L2	Explain the Mann-Whitney U test, and its application, and interpretation	Teacher	1st PG class
	3pm-5pm	2	PT4.2	Calculate the Mann-Whitney U test using statistical tools/software.	Teacher	As per teacher.
21.02.2025 (Friday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-2pm	3	EL4.2	Collect the relevant data sets and apply the Mann-Whitney U test.	Teacher	1st PG class
	2pm-3pm	1	-	Lunch Break	-	-
	3pm-5pm	2	EL4.3-B	Frame Research Questions, hypothesis and study objectives	Teacher	As per teacher
22.02.2025 (Saturday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-12pm	1	L3	Explain and apply McNemar's test and Wilcoxon's Signed rank test	Teacher	1st PG class
	12pm-2pm	2	PT4.3	Calculate McNemar's test, and Wilcoxon Signed rank test using statistical tools/software.	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-
	3pm-5pm	2	-	Departmental Colloquium	HOD	As per HOD
24.02.2025 (Monday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-2pm	3	EL4.3	Collect the relevant data sets and apply McNemar's test and Wilcoxon Signed rank test	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-
	3pm-4pm	1	L4	Explain and apply the Kruskal–Walli's test with relevant post hoc tests.	Teacher	1st PG class
	4pm-5pm	1		Inter-Departmental Activity	HOD	As per HOD
25.02.2025 (Tuesday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	PT4.4	Calculate the Kruskal–Walli's test with relevant tests using statistical tools/software.	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-4pm	2	EL4.4	Collect the relevant data sets and apply the Kruskal–Wallis test with relevant post hoc test	Teacher	As per teacher
	4pm-5pm	1	L5	Explain and apply the Friedman test with relevant post hoc tests. Parametric vs Non parametric test.	Teacher	1st PG class
27.02.2025 (Thursday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	PT4.5	Calculate the Friedman test with relevant post hoc tests using statistical tools/software.	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-3pm	2	EL4.5	Collect the data sets, identify and apply relevant nonparametric tests (Chi square test, Mann-Whitney U test, McNemar's test, Wilcoxon Signed rank, Kruskal–Walli's test, Friedman test with relevant tests)	Teacher	As per teacher
	3pm-5pm	2	BS-MA-4	**Modular Assessment**	HOD	As per HOD.

RESEARCH METHODOLOGY-MODULE 5: RESEARCH TYPES - PART 3

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
28.02.2025 (Friday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-2pm	3	L1	Explain the basics of in silico, in vitro, and in vivo studies.	Teacher	1st PG class
	2pm-3pm	1	-	Lunch Break	-	-
	3pm-4pm	1	PT5.1	Demonstrate cell culture studies and animal procedures.	Teacher	As per teacher
	4pm-5pm	1		Interdepartmental Activity	HOD	As per HOD
01.03.2025 (Sat)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-1pm	2	PT5.2	Demonstrate the utility of in-vitro and in-vivo studies in the Unani medicine context.	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-4pm	2	PT5.3	Demonstrate in silico studies.	Teacher	As per teacher
	4pm-5pm	2		Departmental Colloquium	HOD	As per HOD
03.03.2025 (Monday)	9am-10am	1	-	Departmental postings	HOD	As per HOD
	10am-2pm	4	EL5.1-A	Acquaint with instrumentation and procedures related to the in silico, in vitro, and in vivo studies.	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
	3-5pm	2	EL5.1-B	Acquaint with instrumentation and procedures related to the in silico, in vitro, and in vivo studies.	Teacher	As per teacher
04.03.2025 (Tuesday)	9am-11am	2	-	Departmental postings	HOD	As per HOD
	11am-12pm	1	L3	Explain and demonstrate different instrumentation used in drug research.	Teacher	1st PG class
	12pm-1pm	1	-	Lunch Break	-	-
	1pm-2pm	1	L2	Describe protocols for drug quality testing.	Teacher	1st PG class
	2pm-4pm	2	PT5.4	Review principles and applications of instruments	Teacher	As per teacher
	4pm-5pm	1		Departmental colloquium	HOD	As per HOD
05.03.2025 (Wed)	9am-10am	1	-	Departmental postings	HOD	As per HOD
	10am-1pm	3	PT5.5	Check the quality of a drug/formulation	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-5pm	3	EL5.2	Acquaint with pharmacy college/QC unit in Unani medicine pharmacy	Teacher	As per teacher
06.03.2025 (Thursday)	9 am –10am	2	-	Departmental Postings	HOD	As per HOD.
	10am – 11am	1	L4	Define and describe the scope of literary research and the steps ofManuscriptlogy.	Teacher	1st PG class
	11am-2pm	3	PT5.6-A	Explore available manuscript resources	Teacher	As per teacher
	2pm – 3 pm	1	-	Lunch Break	-	-
	3 pm to 5 pm	2	PT5.6-B	Explore available manuscript resources	Teacher	As per teacher
07.03.25 (Fri)	9 am – 11	2	-	Departmental Postings	HOD	As per HOD.
	11am-1pm	2	EL5.3-A	Acquaint with manuscript library/ Oriental study institutions/ UniversitySanskrit departments/IKS center in IITs or Video on steps of manuscript ology.	Teacher	As per teacher
	1pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 5 pm	3	EL5.3-B	Acquaint with manuscript library/ Oriental study institutions/ University Sanskrit departments/IKS center in IITs or Video on steps of manuscript ology.	Teacher	As per teacher
08.03.25 (Sat)	9 am – 11	2	-	Departmental Postings	HOD	As per HOD.
	11am-12pm	1	L5	Explain the importance and types of tools	Teacher	1st PG class
	12pm – 1 pm	1	L6	Describe stages of tool development and methods for validating developed tools.	Teacher	1st PG class
	1pm – 2 pm	1		Lunch Break	-	-
	1 pm – 5 pm	3	PT5.7	Demonstrate the process of tool development and validation.	Teacher	As per teacher
10.03.25 (Mon)	9 am – 11am	2	-	Departmental Postings	HOD	As per HOD.
	11am-1pm	2	EL5.4-A	Develop a questionnaire	Teacher	As per teacher
	1 pm – 2 pm	1		Lunch Break	-	-
	2 pm – 5 pm	3	EL5.4-B	Develop a questionnaire	Teacher	As per teacher
11.3.25 (Tue)	9 am -11noon	2	-	Departmental postings	HOD	As per HOD.
	11am-12pm	1	L7	Identify appropriate assessment tool.	Teacher	1st PG class
	12pm-1pm	1		Lunch Break	-	-
	1pm-2pm	1	L8	Demonstrate standard terminologies (e.g. WHO, ICD 11, DSM V, NAMASTE)	Teacher	1st PG class
	2pm-4pm	2	PT5.8	Search and choose the appropriate assessment tool.	Teacher	As per teacher
	4pm-5pm	1		Departmental Colloquium	HOD	As per HOD.
12.3.25 (Wed)	9 am -11am	2	-	Departmental postings	HOD	As per HOD.
	11am-2pm	3	EL5.5	Apply appropriate assessment tools in a given Unani medicine scenario	Teacher	As per teacher
	2pm-3pm	1		Lunch Break	-	-
	3pm-5pm	2	EL5.6A	Compare minimum 5 Unani medicine terms and compare with standard terminology.	Teacher	As per teacher
13.3.25 (Thursday)	9 am – 11am	2	-	Departmental postings	HOD	As per HOD.
	11 am –1 2 pm	1	EL5.6B	Compare minimum 5 Unani medicine terms and compare with standard terminology.	Teacher	As per teacher
	12 pm – 1pm	1	-	Lunch Break	-	-
	1 pm – 5 pm	4	RM-MA-5	Modular Assessment	HOD	As per HOD.
BIOSTATISTICS-MODULE -5: DISEASE FREQUENCY; DEMOGRAPHY AND VITAL STATISTICS						
15.3.25 (Sat)	9 am – 11 am	2	-	Departmental Postings	HOD	As per HOD.
	11am – 12pm	1	L1	Define, compute, and explain the differences between the measures Rate, Ratio, and Proportion.	Teacher	1st PG class
	12pm-1pm	1	L2	Define incidence and prevalence (distinguish between point prevalence and period prevalence).	Teacher	1st PG class
	1 pm – 2 pm	1	-	Lunch Break	-	-
	2 pm – 4 pm	2	PT5.1	Calculate the incidence and prevalence rates from raw data and explain the use of rates in public health	Teacher	As per teacher
	4pm-5pm	1	L3	Define and explain Odds ratio (OR), Relative Risk (RR), and risk difference in relevance to epidemiological research.	Teacher	1st PG class
17.03.25 (Mon)	9 am – 11am	2	-	Departmental postings	HOD	As per HOD.
	11am-1pm	2	PT5.2A	Calculate and interpret OR, RR	Teacher	As per teacher
	1pm - 2pm	1		Lunch Break	-	-
	2 pm – 3pm	1	PT5.2A	Calculate and interpret OR, RR	Teacher	As per teacher
	3 pm to 5 pm	2		Inter Departmental Actvity	HOD	As per HOD.

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
19.3.25 (Wed)	9 am –11am	2	-	Departmental postings	HOD	As per dept.
	11am-2pm	3	PT5.3	Calculate Confidence Interval for OR & RR.	Teacher	As per teacher
	2pm – 3 pm	1	-	Lunch Break	-	-
	3 pm – 4 pm	1	L4	Explain Vital statistics, their importance, their uses and methods of obtaining vital statistics, Birth rate, Mortality rates, Morbidity rates, and Hospital-related statistics	Teacher	1st PG class
	4pm-5pm	1		Departmental colloquium		
20.03.25 (Thursday)	9 am – 11am	2	-	Departmental postings	HOD	As per HOD.
	11am-12pm	1	L5	Define Demography and explain the importance of statistics in demography. Define fertility measures (Total Fertility Rate (TFR), Age-Specific Fertility Rates (ASFR), Gross Reproduction Rate (GRR), and Net Reproduction Rate (NRR).).	Teacher	1st PG class
	12pm – 1pm	1	-	Lunch break	-	-
	1pm – 3 pm	2	PT5.4	Calculate vital statistics and demographic statistics (Birth rates, death rates)	Teacher	As per teacher
	3 pm – 5 pm	2	EL5.1A	Search the secondary data from freely available websites (like Census ofIndia/NFHS/WHO fact sheets, etc.) to calculate measures of Vital Statistics and measures of Demography	Teacher	As per teacher
21.03.25 (Fri)	9 am – 11 am	2	-	Departmental postings	HOD	As per HOD.
	11 am –12pm	1	EL5.1B	Search the secondary data from freely available websites (like Census ofIndia/NFHS/WHO fact sheets, etc.) to calculate measures of Vital Statistics and measures of Demography	Teacher	As per teacher
	12 pm- 1 pm	1	-	Lunch break	-	-
	1 pm –3 pm	2	EL5.2	Calculate measures of Vital Statistics for at least any three Indian states and at least any 3-time points using the secondary data	Teacher	As per teacher
	3 pm – 5 pm	2	EL5.3	Calculate the demographic measures for at least three Indian states and at least three-time points using the secondary data.	Teacher	As per teacher
22.03.25 (Sat)	9 am – 11am	2	-	Departmental postings	HOD	As per HOD.
	11am-1pm	2	EL5.4	Compare & Contrast measures of Vital statistics &Demography for at least three Indian states and discuss	Teacher	As per teacher
	1 pm-2pm	1	-	Lunch Break	-	-
	2pm– 4 pm	2	EL5.5	Compare & Contrast measures of Vital statistics & Demography for at least any three years for three Indian states and discuss	Teacher	As per teacher
	4pm – 5 pm			Inter Departmental Activity		
24.3.25 (Mon)	9 am – 10am	2	-	Departmental postings	HOD	As per HOD.
	10am-12pm	2	EL5.6	Prepare a one-page report on data analysis and findings of the secondary data analysis	Teacher	As per teacher
	12pm–1pm	1	-	Lunch Break	-	-
	1 pm – 5 pm	4	**BS-MA-5**	**Modular Assessment**	**HOD**	**As per HOD.**

RESEARCH METHODOLOGY-MODULE 6: RESEARCH COMMUNICATION

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
25.03.25 (Tue)	9 am-1pm	4	-	Departmental postings	HOD	As per HOD
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L1	Explain the basic structure of the synopsis [Randomization table, dummy table, GANTT chart, expected outcome, Budget]	Teacher	As per teacher
	3pm-4pm	1	L2	Explain a checklist of synopsis/protocol and differentiate between academic protocol and funding proposal.	Teacher	1st PG class
	4pm-5pm	1		Inter departmental activity		
26.03.25 (Wed)	9pm-12noon	3	-	Departmental postings	HOD	As per HOD
	12noon-1pm	1	-	Lunch Break	-	-
	1pm-5pm	4	PT6.1A	Demonstrate the key points and processes of synopsis/protocol writing	Teacher	As per teacher
27.03.25 (Thursday)	9 am – 1pm	4		Departmental postings	Teacher	As per teacher
	1 pm – 2 pm	1		Lunch Break	-	-
	2 pm – 3 pm	1	PT6.1-B	Demonstrate the key points and processes of synopsis/protocol writing	Teacher	As per teacher
	3 pm – 5 pm	2	EL6.1A	Prepare an outline of the synopsis	Teacher	As per teacher
28.03.25 (Fri)	9 am-12 noon	3	-	Departmental postings	HOD	As per HOD.
	12 noon-1 pm	1	-	Lunch Break	-	-
	1 pm – 2pm	1	EL6.1B	Prepare an outline of the synopsis	Teacher	As per teacher
	2 pm – 5 pm	3	EL6.2	Retrieve information about different funding agencies and their schemesespecially applicable to students.	Teacher	As per teacher
29.3.25 (Sat)	9 am-12 noon	3	-	Departmental postings	HOD	As per HOD.
	12 noon-1 pm	1	-	Lunch Break	-	-
	1 pm – 2pm	1	L3	Explain the structure of the dissertation for different study designs (IMRAD); Orientation to online theses repositories such as Shodhganga.	Teacher	1st PG class

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
	2 pm – 5pm	3	PT6.2	Appreciate the structure of the dissertation with a focus on specificrequirements as per the type and design of the research.	Teacher	As per teacher
01.4.25 (Tues)	9 am-12 noon	3	-	Departmental postings	HOD	As per HOD.
	12 noon-1 pm	1	-	Lunch Break	-	-
	1pm – 3pm	2	EL6.3-A	Critically appraise the result and discussion section of the thesis	Teacher	As per teacher
	3pm – 4pm	2	EL6.3-B	Critically appraise the result and discussion section of the thesis	Teacher	As per teacher
	4pm-5pm	1		Colloquium	HOD	As per HOD.
02.4.25 (wed)	9am-12noon	3	-	Departmental postings	HOD	As per HOD.
	12noon–1pm	1	EL6.3-C	Critically appraise the result and discussion section of the thesis	Teacher	As per teacher
	1 pm- 2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L4	Explain the structure of different types of journal articles	Teacher	1st PG class
	3pm-5pm	2	PT6.3	Demonstrate the structure of different types of articles	Teacher	As per teacher
03.4.25 (Thur)	9am – 12noon	4		Departmental postings	HOD	As per HOD.
	12noon– 1pm	1	-	Lunch Break	-	-
	1 pm – 5 pm	4	EL6.4	Present an article in the journal club.	Teacher	As per teacher
04.4.25 (Fri)	9am-12 noon	3	-	Departmental postings	HOD	As per HOD.
	12noon-1pm	1	L5	Elaborate the process of Systematic review and meta-analysis.	Teacher	1st PG class
	1pm-2pm	1		Lunch Break		
	2pm-3pm	1	L6	Explain publication guidelines such as STROBE, PRISMA, ARRIVE, CARE, CONSORT, etc and their variations	Teacher	1st PG class
	3pm-5pm	2		Inter Departmental Activity	HOD	As per HOD.
05.4.25 (Sat)	9am-12pm	2		Departmental postings	HOD	As per HOD.
	12am-1pm	2	PT6.4	Access different reporting guidelines	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-5pm	3	EL6.5	Review a published article by using a checklist of particular reportingguidelines	Teacher	As per teacher
07.4.25 (Mon)	9am-12 noon	3	-	Departmental postings	HOD	As per HOD.
	12noon-1pm	1	L7	Explain the need for referencing and bibliography. Enlist the different citation styles and references manager.	Teacher	1st PG class
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-5pm	2	PT6.5A	Demonstrate using any one reference manager tool.	Teacher	As per teacher
08.4.25 (Tues)	9am-11am	2	-	Departmental postings	HOD	As per HOD.
	11am-1pm	2	PT6.5B	Demonstrate using any one reference manager tool.	Teacher	As per teacher
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-5pm	3	EL6.6	Appreciate referencing styles for different types of documents like journalarticles, books, book chapters, conference proceedings, dissertations, online content, and Unani medicine texts	Teacher	As per teacher
09.4.25 (Wed)	9am-1pm	4	-	Departmental postings	HOD	As per HOD.
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L8	Explain journal impact factors (indexing databases, cite score, impact factor, Altimetric) and authors' impact metrics (h index, I 10 indices, G index).	Teacher	1st PG class
		2	PT6.6	Select an appropriate journal and identify its quality using scient metrics	Teacher	As per teacher
11.4.25 (Fri)	9am-1pm	3	-	Departmental postings	HOD	As per HOD.
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-5pm	3	EL6.7	Acquire knowledge about various aspects of scientometry.	Teacher	As per teacher
12.4.25 (Sat)	9am-1pm	4	-	Departmental postings	HOD	As per HOD.
	1pm-2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L8	Explain ethical issues in publication (authorship criteria, plagiarism,Falsification& fabrication of data).	Teacher	1st PG class
	3pm-5pm	2	PT6.7	Review guidelines related to Publication ethics (WAME, COPE, ICMJE,OSPA).	Teacher	As per teacher
15.4.25 (Tues)	9am-1pm	4	-	Departmental postings	HOD	As per HOD.
	1pm-2pm	2	EL6.8	Check plagiarism using online software.	Teacher	As per teacher
	2pm-3pm	2	-	Lunch Break	-	-
	3pm-5pm	2		Departmental Colloquium	HOD	As per HOD.
16.4.25 (Wed)	9am-12noon	3	-	Departmental postings	HOD	As per HOD.
	12noon-1pm	1		Lunch Break	-	-
	1pm-5pm	4	RM-MA-6	**Modular Assessment**	HOD	As per HOD.

BIOSTATISTICS-MODULE -6: CORRELATION AND REGRESSION ANALYSIS

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
17.4.25 (Thu)	9am-12noon	3	-	Departmental postings	HOD	As per HOD.
	12noon–1pm	1	L1	Understand and describe the Concept of correlation and its importance inStatistical analysis. Differentiate between positive, negative, zero, and spurious correlations. Understand and discuss the scatter diagram and properties of correlation	Teacher	1st PG class

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE
				Coefficients.		
	1pm-2pm	1		Lunch Break	-	-
	2pm-3pm	1	L2	Explain the Pearson correlation coefficient and Spearman's rank correlation coefficient.	Teacher	1st PG class
	3pm-5pm	2	PT6.1	Calculate and interpret the Pearson Correlation Coefficient using Statistical tools/ Software	Teacher	As per teacher
19.4.25 (Sat)	9am-12noon	3	-	Departmental postings	HOD	As per HOD.
	12noon–2pm	2	PT6.2	Apply and interpret Spearman's rank correlation coefficient using Statistical tools / Software.	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-
	3pm-5pm	2	EL6.1	Apply and interpret statistical techniques to calculate the Pearson correlationCoefficients	Teacher	As per teacher
21.4.25 (Mon)	9am-1pm	4	-	Departmental postings	HOD	As per HOD.
	1pm–2pm	1	-	Lunch Break	-	-
	2pm-4pm	2	EL6.2	Apply and interpret statistical techniques to calculate Spearman's rankcorrelation coefficients.	Teacher	As per teacher
	4pm-5pm	1	L3	Understand and describe the Concept of simple, linear, and multiple regression analysis, their application, andinterpretation.	Teacher	1st PG class
22.4.25 (Tues)	9am-1pm	4	-	Departmental postings	HOD	As per HOD.
	1pm–2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L4	Explain Logistic regression, its Assumptions, application, and interpretation	Teacher	1st PG class
	3pm-5pm	2	PT6.3	Demonstrate Simple Linear Regression Analysis using StatisticalSoftware/tools.	Teacher	As per teacher
23.4.25 (Wed)	9am-1pm	3	-	Departmental postings	HOD	As per HOD.
	1pm–2pm	2	EL6.3	Demonstrate Linear Regression Analyses with real-world datasets.	Teacher	As per teacher
	2pm-3pm	1	-	Lunch Break	-	-
	3pm-5pm	2	EL6.4	Demonstrate Linear Regression Analyses with real-world datasets.	Teacher	As per teacher
24.4.25 (Thur)	9am-12noon	3	-	Departmental postings	HOD	As per HOD.
	12noon-1pm	1	-	Lunch Break	-	-
	1pm-3pm	2	PT6.4	Perform Binomial/Binary Logistic Regression Analysis using Statistical	Teacher	As per teacher
	3pm-5pm	2	-	Inter-departmental Activity	HOD	As per HOD.
25.4.25 (Fri)	9am-12noon	3		Departmental postings	HOD	As per HOD.
	12noon-1pm	1	-	Lunch Break	-	-
	1pm-3pm	2	EL6.5	Demonstrate Regression Analyses-with real-world datasets related to Binomial Logistic.	Teacher	As per teacher
	3pm-5pm	2	EL6.6	Analyses and interpret Regression Analyses- Calculate Linear Regression their findings with real-world datasets related to Binomial Logistic	Teacher	As per teacher
26.4.25 (Sat)	9am-1pm	4	-	Departmental postings	HOD	As per HOD.
	1pm–2pm	1	-	Lunch Break	-	-
	2pm-3pm	1	L5	Explain the Concept of Survival Analysis – Kaplan-Meier method and itsapplication and interpretation	Teacher	1st PG class
	3pm-5pm	2	PT6.5	Perform Survival Analysis - Kaplan-Meier method using Statistical Software	Teacher	As per teacher
28.4.25 (Mod)	9am-1pm	4		Departmental postings	HOD	As per HOD.
	1pm–2pm	1		Lunch Break	-	-
	1pm-2pm	1	EL6.7	Apply statistical techniques on real-world datasets to calculate SurvivalAnalysis - Kaplan-Meier method, and interpret their findings.	Teacher	As per teacher
	3pm-5pm	2	BS-MA-6	**Modular Assessment**	HOD	As per HOD.

DATE & DAY	TIME	DURATION (Hours)	TOPIC CODE	TOPIC TITLE/ACTIVITY	RESPONSIBLE PERSON	VENUE