

पत्रांक: 624/यूपीयूएमएस/छात्रप्रकोष्ठ(3180/319)/2025-26

दिनांक 24 जून, 2025

कार्यालय आदेश

एम0एम0सी0 के नियमानुसार एम0बी0बी0एस0 बैच-2022 के छात्र/छात्राओं को अन्तिम व्यवसायिक पार्ट-1 में 15 दिवस हेतु ब्लाक-1 तथा अन्तिम व्यवसायिक पार्ट-2 में 15 दिवस हेतु ब्लाक-2 में इलेक्टिव पोस्टिंग करनी अनिवार्य है। इलेक्टिव पोस्टिंग को ब्लाक-1 (प्री व पैरा-क्लीकल विभाग) एवं ब्लाक-2 (क्लीनिकल विभाग) में विभाजित किया गया है। उक्त के अनुसार सम्बन्धित विभागाध्यक्षों द्वारा इलेक्टिव का विवरण उपलब्ध कराया गया है।

वर्तमान में एम0बी0बी0एस0 बैच-2022 के छात्र/छात्राओं हेतु दिनांक 01.07.2025 से 15.07.2025 तक ब्लाक-1 (प्री व पैरा-क्लीकल विभाग) की इलेक्टिव पोस्टिंग जारी रहेगी। छात्र/छात्राएं संलग्न इलेक्टिव में से किसी एक इलेक्टिव का चुनाव स्वेच्छा से करेंगे। प्रत्येक इलेक्टिव में छात्र/छात्राओं की संख्या सीमित है। इलेक्टिव के अध्ययन/अध्यापन हेतु निम्नलिखित निर्देशों का अनुपालन सुनिश्चित किया जायेगा-

- दिनांक 01.07.2025 से 15.07.2025 तक इलेक्टिव पोस्टिंग हेतु प्रातः 09.00 बजे से 01.00 बजे तक तथा अपराह्न 02.00 बजे से 05.00 बजे तक का समय निर्धारित है।
- छात्र/छात्राएं उक्तानुसार इलेक्टिव का चुनाव करते हुए इलेक्टिव हेतु नामित संकाय सदस्य को रिपोर्ट करेंगे तथा उनके अधीन रहते हुए अध्ययन पूर्ण करेंगे।
- प्रत्येक इलेक्टिव हेतु प्रथम रिपोर्ट करने वाले छात्र/छात्राओं को संकाय सदस्य द्वारा इलेक्टिव हेतु निर्धारित छात्र/छात्राओं की संख्या तक अनुमति प्रदान की जायेगी। अन्य छात्र/छात्राओं को सम्बन्धित ब्लाक में उपलब्ध अन्य इलेक्टिव का चुनाव करना होगा।
- सम्बन्धित संकाय सदस्य द्वारा इलेक्टिव कार्यक्रम के सम्बन्ध में एन0एम0सी0 द्वारा निर्गत माड्यूल के अनुसार कार्यवाही की जायेगी। संकाय सदस्य द्वारा निर्धारित समयावधि में इलेक्टिव का कार्य पूर्ण कराया जायेगा। इलेक्टिव पोस्टिंग हेतु लागूबुक विश्वविद्यालय की वेबसाईट पर उपलब्ध है।
- इलेक्टिव पोस्टिंग में छात्र/छात्राओं की 75 प्रतिशत उपस्थिति होने पर ही छात्र/छात्राओं को अन्तिम व्यवसायिक पार्ट-2 परीक्षा हेतु पात्र घोषित किया जायेगा। अतः इलेक्टिव पोस्टिंग में समस्त छात्र/छात्राओं की उपस्थिति अनिवार्य है।
- ऐसे छात्र/छात्राएं जिनके द्वारा इलेक्टिव की पोस्टिंग नहीं की जायेगी, उन्हें विश्वविद्यालय स्तरीय अन्तिम व्यवसायिक पार्ट-2 परीक्षा में सम्मिलित होने की अनुमति नहीं होगी।

इलेक्टिव पोस्टिंग पूर्ण करने वाले छात्र/छात्राओं का विवरण विभागाध्यक्ष द्वारा पोस्टिंग समाप्त होने के एक सप्ताह के अन्दर अधोहस्ताक्षरी को निम्नलिखित प्रारूप पर उपलब्ध कराया जायेगा-

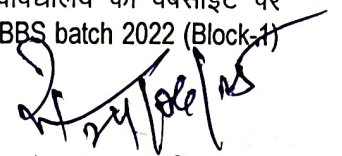
SI	Student_ID	Name of Student	Name of Elective	Dates of Elective Posting	% of Attendance in Elective



(डा0 राजेश कुमार वर्मा)
कार्यवाहक संकायाध्यक्ष चिकित्सा संकाय

प्रतिलिपि-

- समस्त सम्बन्धित विभागाध्यक्ष को आवश्यक कार्यवाही हेतु प्रेषित।
- एम0बी0बी0एस0 बैच-2022 के छात्र/छात्राओं को इस निर्देश के साथ प्रेषित है कि वह लॉगबुक के साथ सम्बन्धित इलेक्टिव हेतु रिपोर्ट करना सुनिश्चित करें।
- प्रभारी अधिकारी, वेबसाईट को इस आशय से प्रेषित है कि संलग्न विवरण को विश्वविद्यालय की वेबसाईट पर Student Cell में टीचिंग शेड्यूल लिंक के अन्तर्गत Elective Posting Schedule for MBBS batch 2022 (Block-1) हेडिंग के नाम से अपलोड कराने का कष्ट करें।
- प्रमुख निजी सचिव को मा0 कुलपति महोदय के अवलोकनार्थ।



(डा0 राजेश कुमार वर्मा)
कार्यवाहक संकायाध्यक्ष चिकित्सा संकाय

Uttar Pradesh University of Medical Sciences, Saifai, Etawah
Faculty of Medicine

Elective Teaching for MBBS Batch 2022

Sl	Name of Deptt	Name of Proceptor	Name of Electives	Number of Students
Block - 1 (01.07.2025 to 15.07.2025)				
1	Anatomy	Dr. Rajani Singh	The Study of Morphology & Morphometry of supra trochlear foramen in bones available in department of Anatomy	5
		Dr. Jayant Verma	The Study of Nutrient foramen in Tibia bones available in department of Anatomy	5
2	Biochemistry	Dr. Adil Rahman	Total Quality Management (TQM)	5
		Dr. Ajai Kumar	Quality control assurance in lab	5
		Dr. Azmat Kamal Ansari	Utility and Clinical Correlation of Special Investigations of Clinical Chemistry	5
		Dr. Rajesh Kumar Thakur	Basic of Research Knowledge, Research Funding Sources and Finding Appropriate Journals for Publication	5
		Dr. Vivek Anand Ojha	Implementation of basic clinical and biomedical research in molecular diagnostics	5
		Dr. Shrishti Dhar Prasad	Diagnosis of Metabolic Disorders by Newborn Screening Test	5
3	Pharmacology	Dr. Asha Pathak	Pharmacovigilance	10
		Dr. Vinay Kumar Gupta	Fixed drug combination (FDC)	10
4	Microbiology	Dr. D.P. Singh Dr. Nidhi Yaduvanshi	Viral Hepatitis Viral Encephalitis	10
		Dr. Amit Singh	Mycobacteriology	10
		Dr. R.K. Verma Dr. Sanchi Kashyap Dr. Radhika Chaudary	Health Care Associated Infections	10
5	Forensic Medicine	Dr. Vedant Kulshrestha Dr. Amrendra Kumar	Clinical based- Forensic Medicine and Toxicology	10
		Dr. Vednat Kulshrestha Dr. Avinash Kumar	Research based - Forensic Medicine and Toxicology	10
6	Community Medicine	Dr. Sandip Kumar	Biomedical Waste Management	10
		Dr. Sushil Kumar Shukla	Research Methodology	10
		Dr. Vidya Rani	Malnutrition	10
		Dr. Naresh Pal Singh	Student initiated research	10
		Dr. Rashmi Bhujade	Growth and Development of an Infant focusing mainly on 6 months - 1 year old child	10
		Dr. Sonam Kushwaha	Immunisation and Vaccination coverage	10
		Dr Gagan Deep Kaur	Maternal Health	10
		Dr Sugandhi Sharma	Integrated Management of Neonatal and Childhood Illnesses (IMNCI)	10
7	Physiology	Dr. Kirti Jaiswal Dr. Amita Singh Dr. Pravesh Kumar	E.C.G.	10
		Dr. Anamika Singh	Sleep Health	10

Officiating Dean

(Medical Faculty)

U.P. University of Medical Sci
Saifai, Etawah-U.P. (20612)

Handwritten signature and date: 24/07/2025



एनाटमी विभाग
उ० प्र० आयुर्विज्ञान विश्वविद्यालय
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Department of Anatomy
U. P. University of Medical Sciences
Saifai, Etawah (U.P.)

Phone:(05688)276563,Fax:(05688)276509

Elective Course of MBBS

Block-1

Name of Elective	The Study of Morphology & Morphometry of supra trochlear foramen in bones available in department of Anatomy.
Location of hospital Lab or research facility	UPUMS, Saifai,
Name of Internal preceptor(s)	<ul style="list-style-type: none">• Dr. Rajani Singh, Professor
Name of external preceptor(s)	
Learning objective of elective	<ul style="list-style-type: none">• To know the shape size of supra trochlear foramen in humerus• Probable structures passing through this foramen.• Implications of supra trochlear foramen.
Number of students that can be accommodated in this elective	05
Prerequisites for elective	To know anatomy of humerus bone
Learning resources for students	Humerus bones available in the department of anatomy.
List of activities of student participation	<ul style="list-style-type: none">• Observe presence of foramen.• Measure the diameter of foramen• Clinical implication though literature search.
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	Yes
Other comments	

HEAD OF DEPARTMENT
Department of Anatomy
U.P. University of Medical Sciences
Saifai-Etawah



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Elective Course of MBBS

Block-1

Name of Elective	The Study of Nutrient foramen in Tibia bones available in department of Anatomy.
Location of hospital Lab or research facility	UPUMS, Saifai,
Name of Internal preceptor(s)	Dr. Jayant Kumar Verma, Professor
Name of external preceptor(s)	
Learning objective of elective	<ul style="list-style-type: none">• To know the presence of nutrient foramen in Tibia bone.• Clinical significance of nutrient foramen in Tibia.• Compare the normal & variant number of nutrient foramen in Tibia.
Number of students that can be accommodated in this elective	05
Prerequisites for elective	Knowledge of Anatomy of Tibia bone and variation of foramen.
Learning resources for students	Tibia bones in department of Anatomy.
List of activities of student participation	<ul style="list-style-type: none">• To know the presence and location of nutrient foramen in Tibia.• Literature search.
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	Yes
Other comments	


HEAD OF DEPARTMENT
Department of Anatomy
U.P. University of Medical Sciences
Saifai-Etawah

ELECTIVE COURSE OF UNDERGRADUATE MEDICAL STUDENTS

BLOCK I

DEPARTMENT OFBIOCHEMISTRY.....

NAME OF ELECTIVE	Total Quality Management (TQM)
Location of Hospital Laboratory or Research Facility	Central Biochemistry Laboratory (diagnostic block , hospital)and Special Laboratory (Academic block) in UPUMS , Saifai
Name of Internal Preceptor	Professor Adil Rahman
Name of External Preceptor	Nil
Learning Objective of Elective	1. Use Quality Control Sera 2. How to prepare Quality Control Sera 3. 2. Interpretation of Levy Jenning Chart 4. Standard Deviation 5. Variance 6. Coefficient of Variance 7. Comparison of two Methodology 8. Clinical Laboratory Establishment 9. Finance and Economics of Laboratory
Number of students that can be accommodated in this Elective	06 (Six)
Prerequisites for Elective	First Year professional Exam passed
Learning Resources for Students	1. One Professor 2. One Technician 3. Semi-autoanalyser 4. Colorimeter 4. Fully automated Analyser 5. Centrifuge Machine 6.Reagents Test are Available in Hospital
List of activities for Student participation	1. Calculate Standard Deviation 2. Perform Liver Function Test 3. Calculate Coefficient of Variance 4. Draw Levi Jenning Chart 5. Attend Demonstration Class
Portfolio entry Required	1. Draw Diagram ,tables, graphical presentation of Assignments
Log Book entry required	1. Daily activity of test performed and calculation done
Assessment	Every weekend
Other Comments	Certificate may be issued by The Dean, Faculty of Medicine , based on Logbook and Portfolio


ADIL RAHMAN
Doctor of Medicine
Additional Professor
Head of Biochemistry

Elective Course of MBBS
Block – 1
Department of Biochemistry.

Quality control is one of the components of quality assurance program. In clinical Biochemistry, it refers to maintenance of quality of laboratory test during analysis, whereas assurance is to allow for the identification of errors and control actions to correct them. As it ensures both precision and accuracy of result. The integrity of quality control samples is important to both management of overall quality as well as meeting requirements of proficiency testing.

We would like to encourage students in quality control which involves ensuring that testing meets standards for safety and efficacy. It is very important part of the management, if quality of the results is good then it helps in proper management of the patients too.

1	Name of Block	Block -1
2	Name of Elective	Quality control assurance in lab
3	Location of hospital Lab or research facility	Central Biochemistry lab
4	Name of internal preceptor(s)	Dr. Ajai Kumar
5	Name of external preceptor (if applicable)	-
6	Learning objectives of elective	At the end of four weeks' student should be able to 1) To monitor laboratory output and performance. 2) Ensure the quality of reagents, sufficient supplies, and maintenance of equipment. 3) To learn how to develop standard operating procedures (SOP). 4) To observe how to run controls and standards on various autoanalysers available in lab. 5) Maintain the appropriate records and establish a document control system.
7	Number of students that can be accommodated in this elective	05
8	Prerequisites for elective	Good laboratory practices
9	List of activities of student participation	1) Work with technicians and observe how to run the controls and how to deal with errors if any observed. 2) Work with observe/technician to observe that each and every equipment or analyzers used in lab are working properly. 3) To ensure the proper turnaround time (TAT) of sample processing is being maintained in lab.
10	Learning resources for students	1) Practical Biochemistry textbook DM Vasudevan. 2) TEITZ Textbook of clinical Biochemistry
11	Portfolio entries required	Notes prepared during the posting.




12	Log book entry required	Satisfactory completion of the of posting
13	Assessment	<ul style="list-style-type: none"> • Attendance • Log book entry • Group discussions.
14	Other comments	

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Planning of Learning Experiences in Electives
Block: 1 **Subject: Biochemistry**

Name of Elective	Utility and Clinical Correlation of Special investigations of Clinical Chemistry
Location of Hospital/ Lab or Research facility	Special Laboratory, Department of Biochemistry
Name of Internal preceptor(s)	Dr. Azmat Kamal Ansari, Assistant Professor, Department of Biochemistry
Name of External preceptor(s) [if any]	Not Applicable
Learning objectives of Elective	<p>Knowledge:</p> <ol style="list-style-type: none"> 1. To know the role of Vitamins and hormones in health and diseases 2. To know the utility of Tumour markers 3. To know the clinical correlation of Special investigations of Clinical Chemistry <p>Skill: Demonstrate the capability of correlating Special investigations reports with clinical profiles of real patients</p>
Number of students that can be accommodated in this Elective	5
Prerequisite for Elective	Training in history taking, Clinical Examination (General as well as Systemic) Universal Precaution, Good Laboratory Practices, Biomedical Waste Management and Cardiopulmonary Resuscitation (BLS) Immunization for health care professionals
Learning resources for Students	<p>Library books and journals</p> <p>Laboratory reports</p> <p>Case studies provided by internal preceptor</p> <p>Online resources</p>
List of Activities of Student participation	<p>Literature search for patho-physiological role of Vitamins and hormones</p> <p>Literature search on utility of Tumour markers</p> <p>Discussion over Utility of Special investigations of Clinical Chemistry</p> <p>Discussion over Correlation of Special investigations of Clinical Chemistry</p> <p>Problem based exercises</p> <p>Case based questions</p>
Portfolio entries required	Not Applicable
Log book entries required	Yes. Entry as "meets expectation" is mandatory
Assesment	<p>Pre and post Elective tests</p> <p>Attendance</p> <p>Case based and problem based assignments</p>
Other comments	Certificate will be provided on successful completion


Dr. Azmat Kamal Ansari
 Assistant Professor
 Department of Biochemistry
 UPUMS Saifal-Etawah

Planning of Learning Experiences in Electives
Block: 1
Subject: Biochemistry

Name of Elective	Basic of Research Knowledge, Research Funding Sources and Finding Appropriate Journals for Publication
Location of Hospital/ Lab or Research facility	Department of Biochemistry, UPUMS, Saifai
Name of Internal preceptor(s)	Dr. Rajesh Kumar Thakur, Associate Professor, Department of Biochemistry
Name of External preceptor(s) [if any]	Not Applicable
Learning objectives of Elective	Knowledge: <ol style="list-style-type: none"> 1. Introduction to Basic Scientific Research 2. How to select the right Journal for your Research 3. Understand the role of research funding organizations in supporting scientific & academic work Skill: Develop skills to write the basic research project, critically write, read and analyze Journal articles and to select the right journal for publication.
Number of students that can be accommodated in this Elective	5
Prerequisite for Elective	<ul style="list-style-type: none"> ➤ Good Laboratory Practices ➤ Biomedical Waste Management
Learning resources for Students	<ul style="list-style-type: none"> ➤ Library books and journals ➤ Online resources
List of Activities of Student participation	<ul style="list-style-type: none"> ➤ Discussion over Basic Research ➤ Develop skills to critically write, read and analyze Journal articles. ➤ Role of different research funding organizations like Indian Council of Medical Research, Department of Biotechnology in the area of recent medical diagnostics.
Portfolio entries required	Not Applicable
Log book entries required	Yes. Entry as "meets expectation" is mandatory
Assesment	Pre and post Elective tests Attendance
Other comments	Certificate will be provided on successful completion




Dr. Rajesh Kumar Thakur
 Associate Professor
 Department of Biochemistry
 UPUMS, Saifai-Etawah

Planning of Learning Experiences in Electives

Block: 1; Subject: Biochemistry

Name of Elective	Implementation of basic clinical and biomedical research in molecular diagnostics
Location of Hospital/ Lab or Research facility	Research Laboratory, Department of Biochemistry
Name of Internal preceptor(s)	Dr. Vivek Anand Ojha, Assistant Professor, Department of Biochemistry
Name of External preceptor(s) [if any]	Not Applicable
Learning objectives of Elective	<p>Knowledge:</p> <ol style="list-style-type: none"> 1. To know the basic concepts of clinical and biomedical research. 2. To know the literature review, research questions, type of study, sample, hypothesis and objectives. 3. To know the research methodology and focused basic molecular techniques. <p>Skill: To demonstrate hands-on skills for identification, analysis, biochemical applications, and correlation with clinical variables and patients.</p>
Number of students that can be accommodated in this Elective	5
Prerequisite for Elective	Practical hands-on training on routine biochemical analytes, laboratory and equipment exposures for basic techniques like colorimetry, spectrophotometry, autoanalyzer, pipetting techniques, etc.
Learning Resources for Students	Review resources – e libraries, journals. Library books and online search engines.
List of Activities of Student Participation	<p>Seminars/workshops by internal preceptor on research methodology.</p> <p>Hands-on training activities on using online search engines.</p> <p>Focused group discussion on selecting a research idea/area.</p> <p>Training and hands-on experience on molecular techniques like protein isolation, electrophoresis, DNA, RNA, etc.</p> <p>Problem-based exercises.</p>
Portfolio entries required	Not Applicable
Log book entries required	Yes. Entry as “meets expectation” is mandatory.
Assessment	<p>Elective-based pre- and post-elective tests.</p> <p>Attendance.</p> <p>Brain-storming Sessions.</p> <p>Theoretical and practical assignments.</p>
Other comments	A certificate will be provided on successful completion.


Dr. Vivek Anand Ojha
 Assistant Professor
 Deptt. of Biochemistry
 U P U.M.S, Salfal-Etawah

Planning of Learning Experiences in Electives

Block: 1

Subject: Biochemistry

Name of Elective	Diagnosis of Metabolic Disorders by Newborn Screening Test
Location of Hospital/ Lab or Research facility	NBS Laboratory, Super-specialty building, Department of Biochemistry
Name of Internal preceptor(s)	Dr. Shrishti Dhar Prasad, Assistant Professor, Department of Biochemistry
Name of External preceptor(s) [if any]	Not Applicable
Learning objectives of Elective	<p>Knowledge:</p> <ol style="list-style-type: none"> 1. To identify potentially serious, treatable conditions in newborns early on, often before any symptoms appear. 2. To detect conditions that could be life-threatening or significantly impact a child's development if left untreated. <p>Skill: Collect a small blood sample from a baby's heel using a heel prick technique, Interpreting results reports with clinical profiles of Newborn</p>
Number of students that can be accommodated in this Elective	5
Prerequisite for Elective	Pipetting, Basic knowledge in Elisa technique, Good Laboratory Practices, Biomedical Waste Management
Learning resources for Students	Library books and journals Laboratory reports Online resources
List of Activities of Student participation	Sampling from heel prick of Newborn Sampling Process of different parameters Discussion over result reports Problem based exercises Case based questions
Portfolio entries required	Not Applicable
Log book entries required	Yes. Entry as "meets expectation" is mandatory
Assesment	Pre and post Elective tests Attendance Case based and problem based assignments
Other comments	Certificate will be provided on successful completion

Shrishti Dhar Prasad
Dr. Shrishti Dhar Prasad
 MBBS, MD
 Assistant Professor
 Department of Biochemistry
 UPUMS, Saitai-Etawai

Template for planning learning experiences in electives

BLOCK-1

Name of Elective	Pharmacovigilance PHARMACOLOGY
Name of internal preceptor (s)	Dr. Asha Pathak Dr. Ashutosh Vishnoi
Learning objectives of the elective	<ul style="list-style-type: none"> • Have knowledge of Pharmacovigilance, Haemovigilance and Materiovigilance programme of India • To identify and report real Adverse Drug Reaction in clinical care setup through patient records • Be able to collect ADRs and fill ADR reporting forms from different patients by visiting different wards of hospital • To perform causality analysis of the reported adverse drug reaction by WHO causality assessment scale • To be able to upload the ADR in Vigiflow Software
Number of students that can be accommodated in this elective	5
Prerequisites for the elective	Familiarity with components of ADR form, Microsoft excel
List of activities in which the student will participate (Time plan)	1-3 weeks: Identify and report real Adverse Drug Reaction in Suspected ADR form (minimum one ADR per day) 4 th week: Causality analysis of the ADR, ADR analysis and Uploading ADR in Vigiflow, Presentation and submission
Place	Wards from different departments
Log book entry required	Yes required Students should report to PSG AMC daily
Portfolio entries required	Yes, Students should reflect the daily activities in their portfolio
Assessment	Final power point presentation and discussion
Attendance	75% attendance

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BLOCK-1

Template for planning learning experiences in electives

PHARMACOLOGY

Name of Elective	Fixed drug combination (FDC)
Name of internal preceptor (s)	Dr. Vinay Kumar Gupta Dr. Swati Rai
Learning objectives of the elective	1. To identify FDCs in a prescription of General Medicine-General ward 2. To justify the rationality of FDC combination and Analyze indications for use of FDCs
Number of students that can be accommodated in this elective	5
Prerequisites for the elective	Familiarity with Microsoft excel
List of activities in which the student will participate (Time plan)	1-2 weeks: Data collection (minimum 3 per day) 3 rd -4 th week: Analysis, Presentation and submission
Place	Pharmacology Department, General Medicine, General Ward
Log book entry required	Yes required Students should report to Pharmacology Department daily
Portfolio entries required	Yes, Students should reflect the daily activities in their portfolio
Assessment	Final power point presentation and discussion
Attendance	75% attendance

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Elective course of MBBS

Block – 1

Department of Microbiology

Elective teaching of M.B.B.S students Batch -2020

Name of Electives	Viral Hepatitis Viral Encephalitis
Location of hospital lab or research facility	Medical college
Name of internal preceptor(s)	Dr.D.P Singh (Prof.) Dr.Nidhi Yaduvanshi (Assistant Prof.)
Name of external preceptor (if applicable)	-
Learning objectives of elective	To describe laboratory diagnosis of Viral Hepatitis and Viral Encephalitis
Number of students that can be accommodated in this elective	05
Prerequisites for elective	Students to come prepared with the background of the topics
Learning resources for students	Lecture, Laboratory teaching
List of activities of student participation	Perform ELISA and Rapid card test
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	Viva-at the end of completion of course
Other comments	Nil


डा० राजेश कुमार वर्मा
प्राफेसर एवं विभागाध्यक्ष
माइक्रोबायोलॉजी विभाग

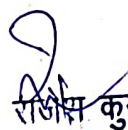
Elective course of MBBS

Block – 1

Department of Microbiology

Elective teaching of M.B.B.S students Batch -2020

Name of Electives	Mycobacteriology
Location of hospital lab or research facility	Medical college
Name of internal preceptor(s)	Dr. Amit Singh (Prof.) Dr.Uneza Hussain ((Assistant Prof.)
Name of external preceptor (if applicable)	-
Learning objectives of elective	To demonstrate various culture and molecular methods for diagnosis of Tuberculosis
Number of students that can be accommodated in this elective	05
Prerequisites for elective	Students to come prepared with the background of the topics
Learning resources for students	Lecture, Laboratory teaching
List of activities of student participation	Sample processing,
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	Viva-at the end of completion of course
Other comments	Nil


डा० रजिष कुमार वर्मा
प्रोफेसर एवं विभागाध्यक्ष
माइक्रोबायोलॉजी विभाग


Elective course of MBBS

Block – 1

Department of Microbiology

Elective teaching of M.B.B.S students Batch -2020

Name of Electives	Health care associated infections
Location of hospital lab or research facility	Medical college
Name of internal preceptor(s)	Dr. Rajesh Kumar Verma (Prof. & HOD) Dr. Sanchi Kashyap (Assistant Prof.) Dr.Radhika Chaudary (Assistant Prof.)
Name of external preceptor (if applicable)	-
Learning objectives of elective	1. To define Healthcare associated infections 2. To identify the 4 major types of Healthcare associated infections Catheter Associated Urinary Tract infection (CAUTI) Central line Associated Blood Stream infection (CLABSI) Ventilator Associated Events (VAE) Surgical site infection (SSI)
Number of students that can be accommodated in this elective	05
Prerequisites for elective	Students to come prepared with the background of the topics
Learning resources for students	Lecture, Laboratory teaching
List of activities of student participation	Sample processing, Identification and AST
Portfolio entries required	Yes
Log book entry required	Yes
Assessment	Viva-at the end of completion of course
Other comments	Nil


डा० राजेश कुमार वर्मा
प्रोफेसर एवं विभागाध्यक्ष
माइक्रोबायोलॉजी विभाग

Uttar Pradesh University of Medical Sciences, Saifai, Etawah

Elective Course of MBBS (Block – 1)

Department of Forensic Medicine & Toxicology

Name of Block	Block 1
Name of Elective	Clinical based - Forensic Medicine and Toxicology
Location of hospital Lab or research facility	Medical College & Hospital, UPUMS, Saifai, Etawah
Name of internal preceptor(s)	Dr. Vedant Kulshrestha (Assistant Professor & HOD), Dr. Amrendra Kumar (Assistant Professor)
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none">1. To examine and prepare a medico-legal report of an injured person.2. To take history and perform examination in cases of poisoning admitted in the casualty/wards.3. To perform age determination of a subject for medico-legal purposes.4. To observe the examination of sexual assault victim & accused along with process of sample collection & preservation.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Good clinical practice, good laboratory practice.
Learning resources for students	<ol style="list-style-type: none">1. Modi's – A Textbook of Medical Jurisprudence and Toxicology.2. Parikh's Textbook of Medical Jurisprudence, Forensic Medicine and Toxicology.

Vedant

	3. K.S.N. Reddy – The essentials of Forensic Medicine and Toxicology. 4. Departmental Log Book and Manual for clinical work.
List of activities of student participation	1. Work with Supervisor in noting medico-legal report writing. 2. Identify and differentiate various types of injuries. 3. To be able to determine age with X-ray. 4. To be able to understand the process of sample collection in sexual assault & poisoning cases.
Portfolio entries required	1. Documentation of worked up cases. 2. Documentation of presentation done.
Log book entry required	Completion of posting signed by preceptor with a “meets expectation ‘(M)’ grade”
Assessment	Attendance. Successful completion of learning objectives & log book entry.
Other comments	

Reddy

Uttar Pradesh University of Medical Sciences, Saifai, Etawah

Elective Course of MBBS (Block – 1)

Department of Forensic Medicine & Toxicology

Name of Block	Block 1
Name of Elective	Research based - Forensic Medicine and Toxicology
Location of hospital Lab or research facility	Medical College & Hospital, UPUMS, Saifai, Etawah
Name of internal preceptor(s)	Dr. Vedant Kulshrestha (Assistant Professor & HOD), Dr. Avinash Kumar (Assistant Professor)
Name of external preceptor (if applicable)	N/A
Learning objectives of elective	<ol style="list-style-type: none">1. Work with supervisor in making observations, collect data and document as per protocol.2. To understand how to make abstract of a research, present it in paper or poster form.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Good clinical practice, good laboratory practice
Learning resources for students	<ol style="list-style-type: none">1. Modi's – A Textbook of Medical Jurisprudence and Toxicology.2. Parikh's Textbook of Medical Jurisprudence, Forensic Medicine and Toxicology.3. K.S.N. Reddy – The essentials of Forensic Medicine and Toxicology.4. Departmental Log Book and Manual for clinical work

Vedant

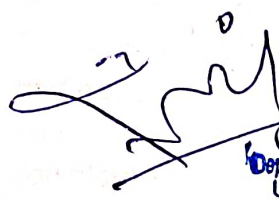
List of activities of student participation	<ol style="list-style-type: none"> 1. Participate in research meetings of the department, internal and external meeting. 2. Write abstract of work done. 3. Present abstract in an internal meeting and if possible, at an external meeting as a poster or oral presentation.
Portfolio entries required	Laboratory notes Statistical work sheet Abstract created
Log book entry required	Completion of posting signed by preceptor with a "meets expectation '(M)' grade"
Assessment	Attendance Successful completion of research objectives and log book entry
Other comments	

Verdict

DEPARTMENT OF COMMUNITY MEDICINE
UP UNIVERSITY OF MEDICAL SCIENCES SAIFAI ETAWAH
Elective 2: Biomedical Waste Management

1.	Name of Block	Block 1
2.	Name of Elective	Biomedical Waste Management
3.	Location of research facility	Department of Community Medicine, UPUMS Saifai Etawah
4.	Name of internal preceptor(s)	Prof.(Dr) Sandip Kumar
5.	Name of external preceptor	-
6.	Learning objectives of elective	1. Define Healthcare Associated Infections (HAI) 2. Discuss the factors that contribute to the development of HAI and the methods for prevention 3. Describe the basics of Infection control 4. To observe segregation of BMW according to BMW guidelines 5. To assist in monitoring of transport and storage of BMW 6. Documentation and record maintenance
7.	Number of students that can be accommodated in this elective	10
8.	Prerequisites for elective	Necessary immunizations, Universal precaution to be taken
9.	List of activities of student participation	
	Week 1-4	1. Work daily with a supervisor in observing, assisting and defining Healthcare Associated Infections 2. To observe and assist in segregation of BMW according to BMW guidelines 3. To assist in monitoring of transport and storage of BMW according to BMW guidelines 4. Participate in education activities of Infection control measures
10.	Learning Resources	Textbook of Community Medicine

11.	Portfolio entries required	Daily log of activities participated
12.	Log book entry required	Satisfactory completion signed by institutional preceptor
13.	Assessment	Attendance Successful verification of required portfolio entries and completion of the posting as certified in the log book
14.	Other comments	-

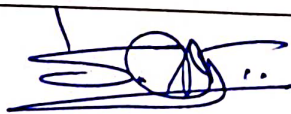

Dr. Sandip Kumar
 Prof. & Head
 Department of Community Medicine
 UPUMS, Saitai (Etawah)

Department of Community Medicine

UPUMS, Saifai, Etawah, U.P.

Elective module – Research Methodology

Name of Block	Block 1
Name of Elective	Research Methodology
Location	Department of Community Medicine, UPUMS, Saifai, Etawah, U.P.
Name of Internal Preceptor	Dr. Sushil Kumar Shukla
Learning Objectives	<ul style="list-style-type: none">• To formulate the research question.• To provide with adequate level of information to plan, conduct and analyze research.• To learn the interpretation of the findings.• To write up the research paper and contribute to evidence based public health practices• To equip with the necessary skills to understand, critically evaluate and interpret the published medical literature.
Number of Students	10
Pre-requisites for elective	Good knowledge of study designs
List of activities of student participation	<ul style="list-style-type: none">• Work with health worker to learn to make observations, collect data and document as per protocol• Perform the activity him/herself after learning• Write abstract of work done
Learning Resources	Hand-out provided by the department
Portfolio entries required	Notes and required calculations Abstract created
Log book entry required	Satisfactory completion of posting with a "meets expectation '(M)' grade"
Assessment	Attendance: Successful completion of the testing


Dr. Sushil Kumar Shukla
Professor
Department Of Community Medicine
UPUMS, Saifai, Etawah, (U.P.)

Department of Community Medicine
UPUMS, Saifai
Elective module – Malnutrition

Name of Block	Block 2 1
Name of Elective	MALNUTRITION
Location	Department of Community Medicine UPUMS, Saifai, Etawah
Name of Internal Preceptor	Dr Vidya Rani
Learning Objectives	<ul style="list-style-type: none"> To identify a child suffering from Protein Energy Malnutrition (PEM) To carry out Anthropometric measurements of child and growth monitoring To manage the child of PEM at community level
Number of Students	10
Pre-requisites for elective	Classification of malnutrition, Methods of anthropometric measurements
List of activities of student participation	<ul style="list-style-type: none"> Work with Health worker and search for child with PEM in the community and document as per protocol Carry out anthropometric measurements of child To plot the growth monitoring data on Growth chart and interpret the findings Perform the intervention for correction of PEM and record the progress of malnutrition status Write abstract of work done
Learning Resources	Hand-out provided by the department
Portfolio entries required	Recorded health data notes and required calculations Abstract created
Log book entry required	Satisfactory completion of posting with a “meets expectation ‘(M)’ grade”
Assessment	Attendance Successful completion of the given task

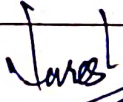
Vidya
22/3/2023
DR. VIDYA RANI
Professor

Elective courses of MBBS

Block -1

Department of Community Medicine, UPUMS, Saifai, Etawah

S. No.	Broad headings of Elective	Detail remarks on elective
1	Name of elective	Student initiated research
2	Location of hospital Lab or Research facility	Community medicine department Medical college building
3	Name of internal preceptor(s)	Dr Naresh Pal Singh
4	Name of external preceptor (if applicable)	None
5	Learning objectives of elective	<ol style="list-style-type: none"> 1. Understanding the nature of problem to be studied and identifying the related area of knowledge. 2. Develop a research question. 3. Formulate aim and objectives for the research 4. Reviewing literature to understand how others have approached or dealt with the problem. 5. Collecting data in an organized and controlled manner so as to arrive at valid decisions. 6. Analyzing data appropriate to the problem.
6	Number of students that can be accommodated in this elective	5
7	Prerequisites for elective	<ol style="list-style-type: none"> 1. Passed community medicine subject. 2. Knowledge of working in Microsoft office on computer 3. Brief knowledge about epidemiological studies.
8	Learning resources for students	<ol style="list-style-type: none"> 1. Abhaya Indrayan. Clinical research methods, 4th edition 2. Indranil Saha, Bobby Paul. Essentials of Biostatistics & Research Methodology. 3rd edition.
9	List of activities of student participation	<ol style="list-style-type: none"> 1. Work with supervisor in developing research protocol, collect data and do data entry. 2. Perform basic data analysis using statistical software. 3. Write abstract and present the findings of the research in department. 4. Learn the ethics in medical research.
10	Portfolio entries required	<ol style="list-style-type: none"> 1. Questionnaire for data collection 2. Excel spreadsheet for data entry 3. Research report
11	Logbook entry required	Satisfactory completion of posting with a 'meet expectation "M" grade'
12	Assessment	Formative <ol style="list-style-type: none"> 1. Attendance 2. Participation in research activities 3. Successful completion of research 4. Logbook entry
13	Other comments	Feedback from students to identify gaps in learning and further improvement


 20/3/2023
 Dr. Naresh Pal Singh
 Professor (Junior Grade)
 Dept. of Community Medicine
 UPUMS, Saifai-Etawah (U.P.)

DEPARTMENT OF COMMUNITY MEDICINE
UP UNIVERSITY OF MEDICAL SCIENCES SAIFAI ETAWAH
Elective : Growth and Development of an Infant focusing
mainly on 6months – 1year old child.

1.	Name of Block	Block 1
2.	Name of Elective	Growth and Development of an Infant focusing mainly on 6months – 1year old child.
3.	Location of research facility	Department of Community Medicine, UPUMS Saifai Etawah
4.	Name of internal preceptor(s)	Dr Rashmi Bhujade
5.	Name of external preceptor	-
6.	Learning objectives of elective	<ol style="list-style-type: none"> 1. To assess Physical Growth of a child i.e., weight, length, chest circumference, head circumference, standing height, mid upper arm circumference and BMI. 2. To assess Gross Motor Development Milestones 3. To assess Fine Motor Skills Development 4. To assess Social and Adaptive milestones 5. To assess Language milestones
7.	Number of students that can be accommodated in this elective	10
8.	Prerequisites for elective	Good observation, Good Clinical Practice
9.	List of activities of student participation	
	Week 1-2	<ol style="list-style-type: none"> 1. Work with Supervisor in making observations of attained milestones of the infant. 2. Work with Supervisor in Anthropometric measurements which is to be done correctly, knowing the exact method of doing it. 3. Work with Statistician to provide a Statistical analysis of the data. 4. Write Abstract of the Work done. 5. Present Abstract in an Internal meetings / External meetings as a Poster or Oral presentation.

10.	Learning Resources	1. Textbook – Ghai / Nelson 2. Clinical book – Meherban Singh and Piyush Gupta
11.	Portfolio entries required	Daily log of activities participated
12.	Log book entry required	Satisfactory completion signed by institutional preceptor
13.	Assessment	Attendance Successful verification of required portfolio entries and completion of the posting as certified in the log book
14.	Other comments	

Rashmi
22/03/23

DEPARTMENT OF COMMUNITY MEDICINE
UP UNIVERSITY OF MEDICAL SCIENCES SAIFAI ETAWAH
Elective : Immunisation and vaccination coverage

1.	Name of Block	Block 1
2.	Name of Elective	Immunisation and vaccination coverage
3.	Location of research facility	Department of Community Medicine, UPUMS Saifai Etawah
4.	Name of internal preceptor(s)	Dr. SONAM KUSHWAHA
5.	Name of external preceptor	-
6.	Learning objectives of elective	1. To provide vaccination covered under National Immunisation Programme 2. To learn different techniques i.e., I.M., S.C., I.D. methods. 3. To learn cold chain maintenance- shortage & transportation of vaccines. 4. To assess the immunisation coverage in the area.
7.	Number of students that can be accommodated in this elective	10
8.	Prerequisites for elective	Good clinical practice
9.	List of activities of student participation	
	Week 1-4	1. Participate in Immunisation OPD at UHTC 2. Participate in field sessions & patient education 3. Maintain Immunisation Cards & Monthly & Annually Records 4. Tackle any adverse side-effects or reaction of vaccines immediately.
10.	Learning Resources	1. Handbook of Immunisation for Medical officers 2. Park's Textbook of Preventive & Social Medicine
11.	Portfolio entries required	Daily log of activities participated Immunisation Cards Immunisation Register

12.	Log book entry required	Satisfactory completion signed by institutional preceptor
13.	Assessment	Attendance Successful verification of required portfolio entries and completion of the posting as certified in the log book
14.	Other comments	

COMMUNITY MEDICINE

BLOCK - 1

Name of Block	BLOCK - 1
Name of Elective	Maternal Health
Location of hospital Lab or research facility	Health Training centers of Department of community medicine
Name of internal preceptor(s)	Dr Gagan Deep Kaur
Name of external preceptor if applicable	None
Learning objectives of elective	<p>Upon completion of this elective, the student will be able to:</p> <ol style="list-style-type: none">1. Diagnose pregnancy after evaluating historical, physical exam, and laboratory data obtained from a female patient.2. Identify and interpret the routine and specialized laboratory and imaging testing necessary to fully evaluate the pregnant patient throughout each stage of pregnancy.3. Identify and apply appropriate management strategies to care for the pregnant patient.4. Apply knowledge of pregnancy care to provide appropriate patient education to the pregnant patient.5. Recognize the stages of labor.6. Evaluate the patient in labor based on history, physical exam, and appropriate testing.7. Describe obstetrical risk factors and recognize those factors in a pregnant patient.8. Recognize the appropriate time to obtain consultation for the management of a high risk pregnant patient.9. Perform a normal vaginal delivery.



(Dr. P.K. Jain)
Professor & Head
Deptt. of Community Medicine
U.P.U.M.S., Sarita (Etawah)-206130

01/06/02

	<p>10. Assist in forceps, vacuum, and Caesarean deliveries.</p> <p>11. Evaluate and assess the newborn immediately postpartum and in the nursery.</p> <p>12. Communicate with and educate the parents about the care of their newborn.</p> <p>13. Evaluate the postpartum patient at her first outpatient follow-up visit.</p> <p>14. Evaluate the infant at his/her first outpatient follow-up visit.</p> <p>15. Employ techniques to promote family bonding after delivery.</p> <p>16. Educate patients and family to initiate and maintain breastfeeding (if that is the preferred feeding method for their newborn).</p>
Number of students that can be accommodated in this elective	8-10
Prerequisites for elective	<p>Passed community medicine in final prof part-1</p> <p>The student should understand well the learning objectives and expectation from them at the end of elective posting.</p> <p>The students should be ready to stay at residence in RHTC or make regular visits at UHTC and willing to visit villages during elective posting period</p>
List of activities of student participation	<ol style="list-style-type: none"> 1. Assist Ante Natal care 2. Assist Post natal care 3. Assist normal deliveries 4. Assist in DNC

Q2

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U.P.U.M.S., Saifal(Etawah)-206130

02/02

COMMUNITY MEDICINE

Topic: IMNCI in outreach settings

1	Name of Block	Block 1
2	Name of Elective	Integrated Management of Neonatal and Childhood Illnesses (IMNCI)
3	Location of hospital lab or research facility	Field Practice areas of Community Medicine Department
4	Name of internal preceptor(s)	Dr. Sugandhi Sharma
5	Name of external preceptor (if any)	Not Applicable
6	Learning objectives of the elective	<ol style="list-style-type: none"> 1. To know the importance of an integrated approach to manage sick children. 2. To provide the learner an opportunity to discuss the objectives, strategies and case management process of IMNCI
7	Number of students that can be accommodated in this elective	10
8	Prerequisites for the elective	Must have received the basic knowledge IMNCI
9	Learning resources for students	IMNCI training module, WHO/UNICEF IMNCI videos
10	List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Assess, classify and 'identify treatment' for sick young infant age up to 2 months under supervision. 2. Assess, classify & 'identify treatment' for sick child age 2 months up to 5 years under supervision. 3. Assess the immunization status of an under 5 child and advise the guardians on the missed doses under supervision. 4. Counsel the mother regarding danger signs, administration of medications, follow up, feeding and immunization under supervision.
11	Portfolio entries required	<ol style="list-style-type: none"> 1. Documentation of the cases. 2. Report preparation at the end of the posting.
12	Log book entry required	Satisfactory completion of posting by the preceptor with a "meets expectation 'M' grade"
13	Assessment	<ol style="list-style-type: none"> 1. Attendance 2. Presentation of daily work 3. Logbook entries

[Signature]

(Dr. P.K. Jain)
Professor & Head
Dept. of Community Medicine
U.P.U.M.S., Sahib(Etawah)-208130

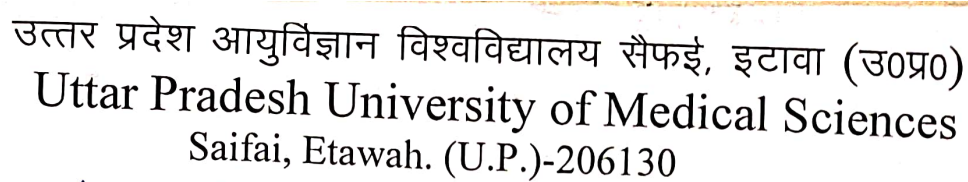
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	<ol style="list-style-type: none"> 5. Perform DNC under supervision 6. Assist in Other minor OT work 7. Learn techniques of breastfeeding
Learning Resources	<ol style="list-style-type: none"> 1. Park Text Book of Preventive and Social Medicine – 26th Edition. 2. Gynae textbook - Where there is no doctor 3. Maternal Health Division Ministry of Health & Family Welfare Government of India August 2009 4. Operational Guidelines on Maternal and Newborn Health
Portfolio entries required	<ol style="list-style-type: none"> 1. No. of deliveries assisted 2. No. of deliveries performed under supervision 3. No. of ANC in which follow up is done 4. No. of PNC in which post delivery advice has been given 5. No. of patients in whom Breastfeeding initiation techniques were practised and explained.
Log book entry required	Completion of posting signed by preceptor with a “meets expectation ‘(M)’ grade”
Assessment	<p>The faculty will base their evaluation on:</p> <ol style="list-style-type: none"> 1. Attendance 2. The Standard Clinical Evaluation Form. 3. Daily observation. 4. Presentation of worked up case in department 5. Log book entry
Other comments	

(Signature)

(Dr. P.K.Jain)
 Professor & Head
 Deptt. of Community Medicine
 U.P.U.M.S., Saifal(Etawah)-206130

02/06/02



Date- 22/4/25

(Dr. Amit Kant Singh)
Professor & Head
Department of Physiology
UPUMS, Saifai Etawah

Office of The Dean
(Medical Faculty)
Ref No. 2022/2023



उत्तर प्रदेश आयुर्विज्ञान विश्वविद्यालय सैफई, इटावा (उ०प्र०)
Uttar Pradesh University of Medical Sciences
Saifai, Etawah. (U.P.)-206130

R.A. 63/Physiol/UPUMS/2025-26 Department of Physiology Date-22/4/25

NAME OF BLOCK		Block 1.
Name of Elective		Sleep Health
Location of hospital lab or research facility		First floor, Trauma Center, U.P.U.M.S.
Name of internal preceptor (s)		Dr. Anamika Singh
Name of external preceptor (if any)		N/A
Learning objectives of the elective		1. To score sleep studies. 2. To deal with sleep disordered patients.
Number of students that can be accommodated in this elective		10
Prerequisites for the elective		Related equipments
Learning resources for student		AASM manual 3.0 version
List of activities in which the student will participate		1. Sleep laboratory practices. 2. Sleep clinic practices.
Portfolio entries required		Yes, required
Log book entry required		Yes, required
Assessment		1. Attendance 2. Group discussion 3. Logbook 4. Formative assessment
Other Comments		

Anamika Singh
22-04-25

Anamika Singh
22/4/25
(Dr. Amit Kant Singh)
Professor & Head
Department of Physiology
UPUMS, Saifai, Etawah