

Office of the Principal
Lala Lajpat Rai Memorial Medical College
Meerut-250004

No.: 0166

Dated: 11/11/2024

NOTICE

Notice for the Submission of choice of electives (four choices in decreasing order of preference) from the available list by MBBS students (2021 Batch)

1. The National Medical Commission (NMC) regulations on Graduate Medical Education-2019 for MBBS course, effective from the academic Year 2019-20 onwards, have created an opportunity in the MBBS Programme for students to do electives, with the aim to stimulate enquiry, self-directed experiential learning and lateral thinking among students.
2. It is mandatory for the learners to do two electives in two blocks of 15 days each. One month is designated for elective rotations after completion of the examination at the end of Third MBBS Part I and before commencement of Third MBBS Part II.
3. It is mandatory for learners to do an elective and the elective time shall not be used to make up for missed clinical postings, shortage of attendance or other purposes.
4. Minimum 75% attendance in the each of the two blocks of electives and submission of log book maintained during both the blocks is required for eligibility to appear in the final MBBS examination.
5. During First 15 days, Roll Nos. 1-50 shall undergo electives in Block 1, while Roll Nos. 51-100 shall undergo electives in Block 2. During Second 15 days, it shall be vice versa, i.e. Roll Nos.1-50 shall undergo electives in Block 2, while Roll Nos.51-100 shall undergo electives in Block 1.
6. In this context, the department-wise available electives have been enclosed at Annexure-II and III.
7. All MBBS students who are currently pursuing Third MBBS Part-I are hereby directed to submit their choice of electives (four choices in decreasing order of preference) as per the enclosed proforma (at Annexure-I). Self-attested photocopy of marksheet of 2nd Professional Examination is to be enclosed with the duly filled form.

8. The duly filled proforma should be submitted by hand to Dr. Kriti Gupta or Dr. Pratibha Singh, in Department of Pharmacology latest by 02.00pm on 14th November, 2024.
9. Allotment of electives will be done in order of merit on the basis of marks secured in 2nd Professional Examination. In case of equal marks scored by two or more students, allotment will be done in alphabetical order of names.
10. Though every effort shall be made for the allotment of electives as per the order of preference submitted by the student, however, the same cannot be guaranteed.
11. It is informed that the choice of electives once submitted cannot be changed/ modified later.
12. In case of any queries, the students are advised to contact Dr. Megha Kulshreshtha, Associate Professor (Physiology) or Dr. Dipti Singh, Assistant Professor (ENT).


Dr. RC Gupta
Principal

Copy to:

1. Coordinator/ Co-Coordinator, MEU, LLRMMC
2. Members, Elective Course Committee, MEU, LLRMMC
3. All HOD's, with the request to inform all the internal preceptors in their respective departments
4. What's app group, Batch pursuing Third MBBS Part-I (MBBS 2021)
5. All UG Hostels

Annexure-I

LLRM Medical College, Meerut- 250004

PROFORMA FOR SUBMISSION OF CHOICE OF ELECTIVES (MBBS 2021)

NAME OF THE STUDENT:: _____

FATHER'S NAME :: _____

ROLL NO.: _____ **UNIVERSITY ENROLLMENT NO.:** _____

PERMANENT ADDRESS: _____

EMAIL ID: . _____ **:MOBILE NO.:** _____

MARKS SECURED IN 2nd PROF.: _____

(Self- attested photocopy of 2nd Professional marksheet to be enclosed)

Block-1		
Preference 1-4 (1 being most preferred and 4 being least preferred)	Department	Name of the elective
1.		
2.		
3.		
4.		
Block-2		
1.		
2.		
3.		
4.		

Signature of the Student:

Date:

Department of Biochemistry

Name of Block	Block 1
Name of Elective	Phlebotomy & Sample Processing
Location of hospital laboratory research facility	Central lab, Biochemistry laboratory
Name of internal preceptor(s)	Dr. KrishnaGopal Dr. Divya Shukla
Name of external preceptor(if any)	N/A
Learning objectives of the elective	<ol style="list-style-type: none"> 1. To demonstrate various techniques of sample collection. 2. To store & preserve different samples using various preservatives. 3. To demonstrate sample processing using fully/semi auto analyzers available in the lab.
Number of students that can be accommodated in this elective	06
Prerequisites for the elective	Good lab practice
Learning resources for students	<ol style="list-style-type: none"> 1 Practical biochemistry textbook DM Vasudevan. 2 TEITZ Textbook of clinical biochemistry.
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Work with technician in sample collection & to observe & make a note of various sample collection techniques performed. 2. Work with observer/technician to understand various reagents/anticoagulants/preservatives used in sample storage. 3. To observe sample processing methods & how to operate various analyzers in lab.
Portfolio entries required	Notes prepared during posting
Logbook entry required	Satisfactory completion of posting
Assessment	Attendance Log book entry Group discussion
Other comments	

Department of Biochemistry
LLRM Medical College, Meerut
MBBS Students Elective Topic

Name of Block	Block 1
Name of Elective	Quality Control Assurance
Location of hospital labor research facility	Central lab, Biochemistry laboratory
Name of internal preceptor(s)	Dr. Himani Dr. Devanshi Singh
Name of external preceptor(if any)	N/A
Learning objectives of the elective	<ol style="list-style-type: none"> 1.To monitor laboratory output & performance. 2.Ensure 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 & standards on various analyzers available in lab. 5.Maintain appropriate records and establish a document control system
Number of students that can be accommodated in this elective	06
Prerequisites for the elective	Good lab practice
Learning resources for students	<ol style="list-style-type: none"> 1 Practical biochemistry textbook DM Vasudevan. 2 TEITZ Textbook of clinical biochemistry.
List of activities in which the student will participate	<ol style="list-style-type: none"> 1.Work with technician & observe how to run controls & how to deal with errors if any observed. 2.Work with observer/technician to observe that each & every equipment or analysers used in lab are working properly. 3.To ensure proper turnaround time(TAT) of sample processing is being maintained in lab.
Portfolio entries required	notes prepared during posting
Logbook entry required	Satisfactory completion of posting
Assessment	Attendance Log book entry Group discussion
Other comments	

Department of Anatomy, LLRM Medical College, Meerut

Name of Block	Block 1
Name of Elective	Comparison of CT/MRI Radiographic images of brain & spinal cord with cross section of cadaveric neuroanatomy
Location of hospital lab or research facility	Neuroradiological lab of anatomy department
Name of internal preceptor(s)	Dr. Priti sinha, Dr Mukesh Bansal, Dr. Dolly
Name of external preceptor if applicable	N/a
Learning objectives of elective	Study & identification of cross sections of cadaveric brain & spinal cord Radiographic study of MRI & CT-SCAN brain & spinal cord Comparison of cadaveric neuro anatomy with CT/MRI Radiographic images of brain & spinal cord
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Knowledge of neuroanatomy & basic principles of CT & MRI
List of activities of student participation	1.Work with supervisor and making observation and identification of CT & MRI of brain & spinal cord 2.Differentiation between Cadaveric neuroanatomy and radiographic images of CT & MRI. 3.Cross sectional Study of anatomy of brain & spinal cord
Learning Resources	(Neuroanatomy)-Carpenter Snell's Clinical Neuroanatomy Radiography and Radio physics with Radiological techniques (CT & MRI, X-Ray) Dr. S K Bhargva. Cross Sectional Anatomy (CT MRI) Dr. S K Bhargva. Grainger & Allison's Diagnostic Radiology
Portfolio entries required	Cross Sectional Anatomy notes Radiological images (CT & MRI of brain & spinal cord notes)
Log book entry required	Satisfactory completion of posting with a "meet expectation '(M)'grade"
Assessment	Posting Attendance Successful completion of research objectives and log book entry

Department of Anatomy, LLRM Medical College, Meerut

Name of Block	Block 1
Name of Elective	Deep dissections on Cadaver
Location of hospital Lab or research facility	Dissection Hall , Department of Anatomy
Name of internal preceptor(s)	Dr Antima Gupta, Dr. Ketu Chauhan
Name of external preceptor if applicable	N/A
Learning objectives of elective	1. To know basic dissection technique. 2. Do proper deep dissection. 3. Observe findings of deep dissection.
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Knowledge of Subject of Anatomy
List of activities of student participation	1. Work with supervisor in making observations and identification. 2. Work with preceptor for deep dissection
Learning Resources	Cunningham's dissector of anatomy vol I, II, III
Portfolio entries required	Proper notes of dissection Photography of the dissection for academic purpose.
Log book entry required	Satisfactory completion of posting with a "meets expectation '(M)' grade"
Assessment	Attendance Successful completion of research objectives and log book entry
Other comments	

**LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PHYSIOLOGY**

ELECTIVE 01

NAME OF BLOCK	BLOCK 1
NAME OF ELECTIVE	Effect of Isometric and Isotonic exercise on Blood Pressure.
LOCATION OF HOSPITAL/RESEARCH FACILITY	Research Laboratory, Department of Physiology, LLRM Medical College
NAME OF INTERNAL PRECEPTOR	Dr Priti Rathi Dr Megha Kulshreshtha Dr Alka Srivastava
NAME OF EXTERNAL PRECEPTOR	N/A
LEARNING OBJECTIVES	<ol style="list-style-type: none"> 1.To define Isotonic and Isometric exercise. 2.To differentiate the physiological changes occurring during isometric and isotonic exercises. 3. To perform Hand grip test using Hand grip dynamometer (Isometric exercise) and spot jogging (Isotonic exercise) with correct technique. 4. To record Systolic and Diastolic Blood Pressure while performing the exercise. 5.To interpret the results of the tests performed. 6.To compare the findings obtained during isometric and isotonic exercise.
NUMBER OF STUDENTS IN ELECTIVES	06
PREREQUISITES	<ol style="list-style-type: none"> 1.Basic knowledge of physiological cardiovascular changes during exercise. 2.Good Clinical Human Physiology Lab Skills.
LIST OF ACTIVITIES IN WHICH THE STUDENT WILL PARTICIPATE	<ol style="list-style-type: none"> 1.Observe and assist in Lab sessions. 2.Work with Preceptor/ Technician to understand the functioning of equipment. 3.Perform Isometric and Isotonic exercise. 4.Day wise Record of all activities in Log book. 5. To list the benefits of isotonic and isometric exercise in day-to-day life. 6. Analyse the data and write an abstract on the work done at the end of the session.
LEARNING RESOURCES FOR STUDENTS	<ol style="list-style-type: none"> 1. Review of Physiology by Ganong 2. Text book of Physiology by Guyton and Hall. 3. Textbook of Clinical disorders of Automatic Nervous System.

	4. BORON textbook of Human Physiology 5. Principles of Internal Medicine by Harrison.
PORTFOLIOS ENTRY REQUIRED	1. Documentation of Project work. 2. Study notes on related topic. 3. Photography while performing the Lab techniques for documentation.
LOGBOOK ENTRY REQUIRED	Satisfactory completion of posting undersigned by preceptor with a "Meets expectation (M)" grade
ASSESSMENT	Attendance, Formative record of activities in log book, Abstract Presentation of work done.
OTHER COMMENTS	NIL

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LRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PHYSIOLOGY

ELECTIVE FOR MBBS 2

NAME OF BLOCK	BLOCK 1
NAME OF ELECTIVE	Analysis of Body fat in young individuals using body fat analyser (Charder bio elective impedance machine).
LOCATION OF HOSPITAL/RESEARCH FACILITY	Research Laboratory, Department of Physiology, LLRM Medical College
NAME OF INTERNAL PRECEPTOR	Dr Lalita Chaudhary Dr Anshu Tandon Dr Pratibha Rani
NAME OF EXTERNAL PRECEPTOR	N/A
LEARNING OBJECTIVES	<ol style="list-style-type: none"> 1. To know the normal body composition. 2. To perform Body Composition Analysis using correct protocol. 3. To compare the various parameters of body composition. 4. To calculate BMI using correct formula. 5. To categorized the subject on the obesity scale.
NUMBER OF STUDENTS IN ELECTIVES	06
PREREQUISITES	<ol style="list-style-type: none"> 1. Basic knowledge of body composition and factors altering body composition. 2. Good Clinical Human Physiology Lab Skills.
LIST OF ACTIVITIES IN WHICH THE STUDENT WILL PARTICIPATE	<ol style="list-style-type: none"> 1. Observe and assist in Lab sessions. 2. Work with Preceptor/ Technician to understand the functioning of equipment. 3. To Perform body composition analysis. 4. Day wise Record of all activities in Log book. 5. To study the variation in body composition under different clinical situation(eg oedema). 6. Analyse the data and write an abstract on the work done at the end of the session.
LEARNING RESOURCES FOR STUDENTS	<ol style="list-style-type: none"> 1. Review of Physiology by Ganong 2. Concepts of altered health states (pathophysiology) by Carol Mattson Porth & Glenn Matfin. 3. Principles of Internal Medicine by Harrison.
PORTFOLIOS ENTRY REQUIRED	<ol style="list-style-type: none"> 1. Documentation of Project work. 2. Study notes on related topic. 3. Photography while performing the Lab techniques for documentation.

LOGBOOK ENTRY REQUIRED	Satisfactory completion of posting undersigned by preceptor with a "Meets expectation (M)" grade
ASSESSMENT	Attendance, formative record of activities in log book and Abstract presentation of work done.
OTHER COMMENTS	NIL

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संस्कृत विश्वविद्यालय, मैथिलीपुरा, कलकत्ता
भारत

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PHARMACOLOGY
BLOCK 1

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Antibiotic Stewardship Programme
LOCATION OF HOSPITAL/RESEARCH FACILITY	SVBP Hospital & Dept. of Pharmacology, LLRM Medical College, Meerut
NAME OF INTERNAL PRECEPTOR	Dr. Raj Kumar Goel, Dr. Shalini Gupta
NAME OF EXTERNAL PRECEPTOR	--
LEARNING OBJECTIVES	<ol style="list-style-type: none"> 1. To classify various class of Antimicrobials. 2. To list AMAs for specific infections. 3. To prescribe AMAs in specific conditions, such as Renal/Hepatic disease, Geriatric patients, Pediatric patients, Pregnant women and Lactating mothers. 4. To evaluate rationality of poly-antimicrobial use as per WHO AWaRe classification.
NUMBER OF STUDENTS IN THE ELECTIVE	06
PREREQUISITES	<ol style="list-style-type: none"> 1. Thorough knowledge of AMAs. 2. WHO AWaRe Classification. 3. Rationality Assessment.

LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<ol style="list-style-type: none"> 1. Collect prescriptions from SVBP hospital. 2. Record the number of AMAs prescribed in each prescription. 3. Document error in AMAs usage. 4. Assess the rationality of AMAs prescribed.
LEARNING RESOURCES FOR STUDENTS	<ol style="list-style-type: none"> 1. Essentials of Medical Pharmacology- K.D.Tripathi 2. Principles of Pharmacology -H.L. Sharma, K.K. Sharma 3. Medical Pharmacology-Padmaja Udaykumar
PORTFOLIOS ENTRY REQUIRED	<ol style="list-style-type: none"> 1. Documentation of AMAs used in prescriptions. 2. Documentation of rationality of AMAs prescribed. 3. Documentation of evaluation of Poly-AMAs prescribed.
LOGBOOK ENTRY REQUIRED	Satisfactory completion of posting with “M” grade.
ASSESSMENT	Attendance and successful completion of project with logbook entry.
OTHER COMMENTS	NIL

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PHARMACOLOGY
BLOCK 1

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Prescription audit
LOCATION OF HOSPITAL/RESEARCH FACILITY	SVBP Hospital & Dept. of Pharmacology, LLRM Medical College, Meerut
NAME OF INTERNAL PRECEPTOR	Dr. Pinki, Dr. Davendra Kumar
NAME OF EXTERNAL PRECEPTOR	--
LEARNING OBJECTIVES	<ol style="list-style-type: none"> 1. To enumerate parts of prescription. 2. To describe the importance of each part of prescription. 3. To detect prescribing errors in the given prescription. 4. To document errors in prescription writing as per prescription audit guidelines. 5. To correct errors in given prescription. 6. To identify measures for promoting good prescription writing practices.
NUMBER OF STUDENTS IN THE ELECTIVE	06
PREREQUISITES	<ol style="list-style-type: none"> 1. Good understanding of prescription writing and rational drug therapy. 2. EML 3. Good knowledge of prescription audit guidelines, NHM.

LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<ol style="list-style-type: none"> 1. Collect prescription for audit from SVBP hospital. 2. Document errors in prescription. 3. Identify measures for promoting good prescription writing practices.
LEARNING RESOURCES FOR STUDENTS	<ol style="list-style-type: none"> 1. Prescription audit guidelines, NHM. 2. CBME based Practical Pharmacology, Prof. Farida Ahmad, Dr. Jameel Ahmad. 3. CBME based pharmacology manual for MBBS students, Dr. Arvind Yadav.
PORTFOLIOS ENTRY REQUIRED	<ol style="list-style-type: none"> 1. Record of prescriptions collected. 2. Documentation of results of prescription audit. 3. Documentation of measures promoting good prescription writing practices.
LOGBOOK ENTRY REQUIRED	Satisfactory completion of posting with “M” grade.
ASSESSMENT	Attendance and successful completion of project with logbook entry.
OTHER COMMENTS	NIL

LLRM MEDICAL COLLEGE MEERUT

Department of Forensic Medicine and Toxicology

Block 1

Name of Block	Block 1
Name of Elective	Autopsy incisions
Location of Hospital/ Research Facility	Mortuary Complex, LLRM Campus
Name of Internal Preceptor	Dr. Vinita Kushwaha
Name of External Preceptor	--
Learning Objectives	<ol style="list-style-type: none">1. To know basic dissection techniques.2. Properly dissect organs and sample tissues.3. Recognize normal and abnormal findings at gross level.4. Properly describe the findings and prioritize the diagnoses
Number of students in the elective	04
Prerequisites	Good understanding of anatomy of body organs and their disease pathology
List of activities in which students will participate	<ol style="list-style-type: none">1. Work with preceptor to know types of autopsy incisions.2. Work with the preceptor in dissection of organs and tissues.3. To make differential diagnoses of the cases observed.
Learning resources for students	<ol style="list-style-type: none">1. Textbook of Forensic Medicine and Toxicology2. Robbins and Cotran Pathological basis of Disease.
Portfolios entry required	<ol style="list-style-type: none">1. Proper notes of dissection.2. Photography of the dissection for academic purpose.
Logbook entry required	Satisfactory completion of posting with "M" grade
Assessment	Attendance and successful completion of project with logbook entry
Other comments	Nil

LLRM MEDICAL COLLEGE MEERUT

Department of Forensic Medicine and Toxicology

Block 1

Name of Block	Block 1
Name of Elective	Dissection of brain at autopsy
Location of Hospital/ Research Facility	Dept of FMT, Mortuary, LLRM Campus
Name of Internal Preceptor	Dr. Mithun Ghosh
Name of External Preceptor	--
Learning Objectives	<ol style="list-style-type: none">1. To know types of brain dissections2. To know the gross pathologic findings in brain trauma/disease.
Number of students in the elective	04
Prerequisites	Knowing the anatomy of brain.
List of activities in which students will participate	<ol style="list-style-type: none">1. To know different anatomical areas of brain.2. To document the cerebral injuries.3. To correlate the pathological findings with the manner of trauma.
Learning resources for students	<ol style="list-style-type: none">1. Textbook of Forensic Medicine and Toxicology2. Ludwig's Autopsy Practice
Portfolios entry required	<ol style="list-style-type: none">1. Proper notes of dissection.2. Photography of the dissection for academic purpose.
Logbook entry required	Satisfactory completion of posting with "M" grade
Assessment	Attendance and successful completion of project with logbook entry
Other comments	Nil

ENT ELECTIVE COURSE FOR MBBS FINAL PROF PART – 1 STUDENTS

Name of block	Block – 1
Name of elective	To findout the commonest causes of conductive hearing loss among patients presenting in ENT OPD
Location of hospital	LLRM Medical college and hospital
Name of internal preceptor	Dr Vineet Sharma – Prof. & HOD
Name of external preceptor	NOT APPLICABLE
Learning objectives	1- Should be able to take history of patients 2- Should be able to examine the ear of patient 3- Should be able to perform tuning fork tests 4- Should know the causes of conductive hearing loss
Number of students that can be accommodated	5
Prerequisites	Knowledge of history taking of patients with ear diseases Knowledge of examination methods of EAR Knowledge of Tuning Fork Tests
List of activities of student participation	Will do history taking Complete examination of ear To do tuning fork tests for hearing evaluation Record of data and compiling
Learning resources	TEXT Book of ENT, P L Dhingra Hearing evaluation by Tuning Fork Tests/ pure tone audiometry
Log book entry required	yes
Assessment	Attence Successful completion of posting as verified in logbook

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LLRM MEDICAL COLLEGE

DEPARTMENT OF MICROBIOLOGY

ELECTIVES FOR MBBS

Sl. no	Particulars	Description
1)	Name of Block	Block 1
2)	Name of Elective	To perform ELISA for diagnosis of Dengue
3)	Location of hospital lab or research facility	Sample collection, Serology/virology of Department of Microbiology.
4)	Name of internal preceptor(s)	Dr Amit Garg
5)	Name of external preceptor (if any)	None
6)	Learning objectives of the elective	After this elective students should be able to: <ul style="list-style-type: none">• Know the procedure of phlebotomy and serum separation.• Explain the basic steps involved in ELISA• Can do and explain the procedure of ELISA.• To read and interpret the positive & negative control and test results.
7)	Number of students that can be accommodated in this elective	10
8)	Prerequisites for the elective	<ul style="list-style-type: none">• Vaccination status,• Consent letter,• Self declaration for adherence to safety measures and universal precautions.
9)	Learning resources for students	<ul style="list-style-type: none">• Kit Literatures• Observation of routine diagnostic procedures in laboratory• Demonstration by Faculty members• DOAP
10)	List of activities in which the student will participate	<ul style="list-style-type: none">• Donning of PPE kit• Sample collection observation and practice• Observation & practice of ELISA procedure• Reporting

		<ul style="list-style-type: none"> • Doffing of PPE kit • Day wise record of activities in log book
11)	Portfolio entries required	Yes
12)	Log book entry required	Yes
13)	Assessment	Formative Record of activities in log book and portfolio
14)	Other comments	<ul style="list-style-type: none"> • Certification will be done for the skill of donning and doffing of PPE kit • Periodic tracking of the activities will be done by head of the department.

LLRM MEDICAL COLLEGE
DEPARTMENT OF MICROBIOLOGY

ELECTIVES FOR MBBS

Sl. no	Particulars	Description
1)	Name of Block	Block 1
2)	Name of Elective	Culture & Sensitivity of clinical specimens like urine, pus, body fluids etc.
3)	Location of hospital lab or research facility	Sample collection, Bacteriology
4)	Name of internal preceptor(s)	Dr Karvi Agarwal
5)	Name of external preceptor (if any)	None
6)	Learning objectives of the elective	<p>After this elective students should be able to:</p> <ol style="list-style-type: none"> 1. To instruct patients about the aseptic sample collection, labeling 2. Perform staining, culture, biochemical tests and other identification methods of the isolate and to put antibiotic susceptibility testing. 3. Evaluate the results of the biochemical tests and sensitivity pattern. 4. Formulate how you will organize and address identifying unknown bacteria based on observations of the patterns in your results. 5. To prepare the reports and to record the results in record register.
7)	Number of students that can be accommodated in this elective	10
8)	Prerequisites for the elective	<ul style="list-style-type: none"> • Vaccination status, • Consent letter, • Self declaration for adherence to safety measures and universal precautions.
9)	Learning resources for students	<ul style="list-style-type: none"> • Mackie & McCartney Practical Medical Microbiology • Observation of routine diagnostic procedures in laboratory • Demonstration by Faculty

		members <ul style="list-style-type: none"> • DOAP
10)	List of activities in which the student will participate	<ul style="list-style-type: none"> • Sample collection observation and instruction • Inoculation of specimen on culture media • Reading of colony morphology • Motility testing • Inoculation of biochemical tests & its reading • Performance & reading of Antibiotic susceptibility testing • Reporting • Day wise record of activities in log book
11)	Portfolio entries required	Yes
12)	Log book entry required	Yes
13)	Assessment	Formative Record of activities in log book and portfolio
14)	Other comments	<ul style="list-style-type: none"> • Certification will be done for the skill of Gram staining and its observation • Periodic tracking of the activities will be done by head of the department.

LLRM MEDICAL COLLEGE
DEPARTMENT OF MICROBIOLOGY
ELECTIVES FOR MBBS

Sl. no	Particulars	Description
1)	Name of Block	Block 1
2)	Name of Elective	KOH mount & Culture of cutaneous specimens
3)	Location of hospital lab or research facility	Sample collection Mycology laboratory of Department of Microbiology.
4)	Name of internal preceptor(s)	Dr Deepika
5)	Name of external preceptor (if any)	None
6)	Learning objectives of the elective	<p>After this elective students should be able to:</p> <ul style="list-style-type: none"> • Explain the cutaneous mycoses and pathogenesis. • Know how to take sample for cutaneous mycoses. • Should able to perform direct demonstration of the causative agent. • Should know culture techniques for fungus. • Should know how to report?
7)	Number of students that can be accommodated in this elective	10
8)	Prerequisites for the elective	<ul style="list-style-type: none"> • Vaccination status, • Consent letter, • Self declaration for adherence to safety measures and universal precautions.
9)	Learning resources for students	<ul style="list-style-type: none"> • Text books • Observation in Mycology laboratory
10)	List of activities in which the student will participate	<ul style="list-style-type: none"> • Donning of PPE kit • Sample collection • Direct demonstration & Culture methods • Reporting • Doffing of PPE kit • Day wise record of activities in log book

11)	Portfolio entries required	Yes
12)	Log book entry required	Yes
13)	Assessment	Formative Record of activities in log book and portfolio
14)	Other comments	<ul style="list-style-type: none">• Certification will be done for doing the KOH mount & culture on SDA• Periodic tracking of the activities will be done by head of the department.

LLRM MEDICAL COLLEGE

DEPARTMENT OF MICROBIOLOGY

ELECTIVES FOR MBBS

Sl. no	Particulars	Description
1)	Name of Block	Block 1
2)	Name of Elective	Performing slide & tube WIDAL test
3)	Location of hospital lab or research facility	Sample collection, Serology laboratory of Department of Microbiology.
4)	Name of internal preceptor(s)	Dr Prem Prakash Mishra
5)	Name of external preceptor (if any)	None
6)	Learning objectives of the elective	<p>After this elective students should be able to:</p> <ul style="list-style-type: none"> • Know the procedure of blood collection and separation of serum. • Should understand principle of WIDAL test. • Know the procedure of the test. • Understand the interpretation of result. • Reporting
7)	Number of students that can be accommodated in this elective	10
8)	Prerequisites for the elective	<ul style="list-style-type: none"> • Vaccination status, • Consent letter, • Self declaration for adherence to safety measures and universal precautions.
9)	Learning resources for students	<ul style="list-style-type: none"> • Research articles • Observation in Serology laboratory • Data records
10)	List of activities in which the student will participate	<ul style="list-style-type: none"> • Donning of PPE kit • Sample collection observation only • Performance of test • Interpretation of result. • Reporting • Doffing of PPE kit • Day wise record of activities in log book
11)	Portfolio entries required	Yes
12)	Log book entry required	Yes
13)	Assessment	Formative Record of activities in log

		book and portfolio
14)	Other comments	<ul style="list-style-type: none">• Certification will be done for the test procedure & interpretation of results from controls.• Periodic tracking of the activities will be done by head of the department.



L.L.R.M. MEDICAL COLLEGE - MEERUT

DEPARTMENT OF RADIODIAGNOSIS

1	Name of Block	BLOCK-1
2	Name of Elective	Basic Radiological skills
3	Location of hospital lab or research facility	Ultrasound / X-Ray / Department of Radiodiagnosis
4	Name of Internal Perceptor	Dr. Yasmeen Usmani, Prof. & Head Department of Radiodiagnosis
5	Name of External Perceptor	N. A.
6	Learning Objectives of Elective	<ol style="list-style-type: none"> 1. Identify basic and emergency Radiograph Pathologies. 2. Assist radiological procedures. 3. Identification of normal anatomical organ and basic pathologies on Ultrasonography. 4. Assist USG guided procedures like FNAC, Biopsy, Pigtail and suprapubic catheterisation
7	No. of students that can be accommodated in this elective	Four
8	Prerequisite for elective	Basic communications skills History taking Basic Anatomical knowledge
9	List of activities of student participation	<ul style="list-style-type: none"> • Orientation of X-Ray and Ultrasonography room • Interactive teaching on basic radiological anatomy and pathology • History taking • Demonstration of radiological procedures (like – Barium studies, IVP, RGU/MCU etc.)
9.1	Week -1	



L.L.R.M. MEDICAL COLLEGE - MEERUT

DEPARTMENT OF RADIODIAGNOSIS

		<ul style="list-style-type: none">• Small group teaching• Hands on training of handling X-Ray and ultrasound equipments• Assisting in report making of USG / X-Ray• Quality control monitoring• Formative assessment at the end of week
10.	Learning resources	Radiology made easy Text book of Radiology and imaging – Sutton Guide to Radiological procedures – Chapman. Web links, SOP's
11.	Portfolio entries required	Work book enteries Presentations
12.	Log book entry required	Log book enteries and verification
13.	Assessment	Assessment at the end of week. Successful verification of required portfolio enteries
15.	Other Comments	

**DEPARTMENT – COMMUNITY MEDICINE
LLRM MEDICAL COLLEGE, MEERUT**

Block: 1

Name of Block	Block-1
Name of Elective	Screening of non-communicable diseases (NCDs)
Location of hospital Lab or research facility	Community Medicine OPD, LLRM Medical College, Meerut
Name of Internal preceptor(s)	Dr. Seema Jain
Name of Co-preceptor (if applicable)	Dr. Kraty Singh
Learning objectives of elective	<ul style="list-style-type: none"> • To identify the various non-communicable diseases (NCDs) • To find out the major risk factors for non-communicable diseases (NCDs) • Correct ways of measuring the instruments like Blood pressure, Weight, Height, BMI etc. • National Programme for Prevention & Control of Non-Communicable Diseases [NP-NCD] • Creating awareness regarding non-communicable diseases (NCDs) and help in preventing and controlling among the community
Number of students that can be accommodated in this elective	Approx. 8-10 students (half of them were male and female students)
Prerequisites for elective	<ul style="list-style-type: none"> • Good communication skills while dealing with patients. • Carry all instruments like Stethoscope, torch, hammer, measuring tape, BP apparatus, weighting machines etc. as per requirement. • Students should follow the protocol while interacting with patients, like wearing masks, aprons, etc.
Learning resources for students	<ol style="list-style-type: none"> 1. NP-NCD government guidelines 2. Park's Textbook of Preventive and Social Medicine
List of activities of student participation	<ul style="list-style-type: none"> • 6 days a week duty in Community Medicine OPD under supervision • Research works
Portfolio entries required	<ul style="list-style-type: none"> • Documentation of patient records for screening in log book/register • Daily entry of data on Google form is necessary
Logbook entry required	<ul style="list-style-type: none"> • Completion of posting signed by Internal Preceptor/ External Preceptor
Assessment	Day-to-day filling of data in Google form and OPD Patient Register
Other comments	

**DEPARTMENT – COMMUNITY MEDICINE
LLRM MEDICAL COLLEGE, MEERUT**

BLOCK –1:

Name of Block	Block -1
Name of elective	Community Outreach
Location of hospital/research facility	Urban Health Training Centre, Department of Community Medicine, LLRM Medical College
Name of internal preceptor	Dr. Seema Jain
Name of external preceptor	Dr. Tribhuvan Raghav
Learning objectives	<ol style="list-style-type: none"> 1. To provide primary care to patients in a resource-limited setting under supervision 2. To function as a member of a health care team in a primary care centre. 3. To participate in health outreach activities of a primary care centre.
Number of students in the electives	2
Prerequisites	Required immunisations to be taken.
List of activities in which students will participate	<ol style="list-style-type: none"> 1. Provide patient care under the supervision of a community clinic preceptor. 2. Assist in common procedures in a community care clinic 3. Counsel patients in their own language 4. Participate in national health care programs offered through the UHTC 5. Participate in Outreach Programs (Health Education, Immunisation, etc)
Learning resources for students	<ol style="list-style-type: none"> 1. Oxford Textbook of Public Health 2. Park’s Textbook of Preventive and Social Medicine
Portfolios entry required	Daily log of patients seen and activities to be done and signed by the Supervisor
Logbook entry required	Satisfactory completion of posting with a “meets expectation ‘(M)’ grade”
Assessment	<ol style="list-style-type: none"> 1. Attendance 2. Logbook entry 3. Periodic formative assessment of the clinical skills and summative assessment at the end of the module.
Other comments	

**DEPARTMENT – COMMUNITY MEDICINE
LLRM MEDICAL COLLEGE, MEERUT**

BLOCK –1:

Name of the Teacher	: Dr. Tanveer Bano, Dept. of Community Medicine
Name of Block	: Block 1
Name of Elective	: Drop out rate of immunisation.
Location of Elective	: Urban Health Training Centre (UHTC), Surajkund under LLRM Medical College, Meerut
Name of Internal Perceptor	: Dr. Tanveer Bano
Name of External Perceptor	: Dr. Shubhali Batra
Learning Objectives	: a) Learn to calculate drop out rates of various vaccines. b) To find out drop out rate among under-5 children attending vaccination OPD at UHTC
Number of Students in Elective Required	04
Pre requisite for elective	: Good Clinical Practice
List of activities of students	: 1) Attending Immunisation OPD at UHTC 2) Learn to calculate drop out rates of vaccines 3) Give health education to mothers regarding vaccination
Learning resources	: Handbook of Immunisation for Medical officers and Park's Textbook of Preventive & Social Medicine
Portfolio entries required	: Immunisation Cards, Immunisation Register
Logbook entry required	: - Satisfactory Completion of Posting with a “meets expectation ‘(M)’ grade - Attendance.

LLRM MEDICAL COLLEGE, MEERUT DEPARTMENT
- COMMUNITY MEDICINE

Name of Block	01
Name of Elective	Immunisation and Vaccination coverage
Location of Hospital / Resarch Facility	Vaccination OPD and Urban Health Training Centre, Surajkund under LLRM Medical College, Meerut.
Name of Internal Receptor	Dr. Neelam S. Gautam
Name of External Receptor	Dr. Banisha
Learning Objectives	a) To provide vaccination covered under National Immunisation Programme. b) To teach different techniques ie. IM, SC, ID methods. c) To learn cold chain maintenance – storage and transportation of vaccines. d) To assess the immunisation coverage in the area.
Number of student in the Electives	05
Pre requisites	Vaccines and Syringes
List of activities in which students will participate	a) Identifying the vaccines. b) Demonstrate the techniques of various routes of vaccination. c) Cold chain maintenance and record keeping. d) Vaccine demand calculation.
Learning resources for students	Vaccines, MCP card, children, vaccination manual
Portfolios entry required	As per requirment
Log book entry required	Yes
Assessment	Carrying out independent vaccination sessions
Other comments	Need based identifying barriers to have good vaccination coverage

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PATHOLOGY
BLOCK 1

1	Name of Block	BLOCK-1
2	Name of Elective	Diagnosis of microcytic hypochromic anemia
3	Location of hospital lab or research facility	Hematology Unit, Central Lab, SVBP Hospital
4	Name of Internal Perceptor	MOIC, Central Lab
5	Name of External Perceptor	NA
6	Learning Objectives of Elective	<ol style="list-style-type: none"> 1. Define anemia 2. Classification of anemia 3. Diagnosis of microcytic hypochromic anemia. How to differentiate microcytic hypochromic anemia from other anemias 4. Treatment of microcytic hypochromic anemia
7	No. of students that can be accommodated in this elective	Five
8	Prerequisite for elective	Use of universal precautions in lab
9	List of activities of student participation	<ul style="list-style-type: none"> • Orientation of hematology lab • Interactive teaching on anemia • Sample collection and identification • Demonstration of laboratory procedures (CBC, making and staining smears, microscopy etc.) • Small group teaching • Hands on training of various lab procedures • Quality control monitoring
9.1	Week -1	
9.2	Week - 2	
9.3	Week – 3	
9.4	Week - 4	

		<p>of lab</p> <ul style="list-style-type: none"> • Formative assessment at the end of every week
10.	Learning resources	<p>Robbins textbook of Pathology Dacie & Lewis Practical Hematology hand outs, Web links, lab manuals SOP's</p>
11.	Portfolio entries required	<p>Lab notes Work book enteries Presentations</p>
12.	Logbook entry required	<p>Log book enteriesand verification</p>
13.	Assessment	<p>Assessment at the end of everyweek. Successful verification of required portfolio enteries</p>
15.	Other Comments	

**LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PATHOLOGY**

BLOCK 1

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Diagnostic Surgical Pathology
LOCATION OF HOSPITAL/ RESEARCH FACILITY	Histopathology lab, Dept. of Pathology LLRM Medical College, Meerut
NAME OF INTERNAL PRECEPTOR	Dr. Anshu Singh
NAME OF EXTERNAL PRECEPTOR	N/A
LEARNING OBJECTIVES	<p>Develop the student's knowledge of the pathology of disease.</p> <p>Describe the roles of pathologist as member of the health care team.</p> <p>Describe the operations of diagnostic surgical pathology including gross and microscopic techniques, frozen sections and immunohistochemistry.</p> <p>Develop understanding about the various steps in Histopathology: Tissue processing Staining (manual/ automated).</p> <p>Know about new technologies in surgical pathology .</p>
NUMBER OF STUDENTS IN ELECTIVE	04
PREREQUISITES	Prior Knowledge of normal anatomy/ histology. Necessary Hepatitis vaccination

LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<p>1. Work daily with a supervisor in observing, acting and performing histopathology grossing.</p> <p>2. Participate in routine microscopic sign out with faculty including biopsies and gross surgical specimens</p> <p>2. Participate in departmental education activities.</p> <p>3. Case Presentation by students</p>
LEARNING RESOURCE FOR STUDENTS	<p>Department SOP provided .</p>
PORTFOLIOS ENTRY REQUIRED	<p>1. Documentation of worked up cases 2. Documentation of presentation done</p>
LOGBOOK ENTRY REQUIRED	<p>Completion of posting signed by preceptor with a 'Meets expectation (M) grade'</p>
ASSESSMENT	<ul style="list-style-type: none"> - Formative attendance - Day to day participation in department activity - Performance of assigned tasks and presentation of worked up cases in department.
OTHER COMMENTS	<p>NIL</p>

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PATHOLOGY


BLOCK 1

1	Name of Block	BLOCK-1
2	Name of Elective	Hematology Automated Techniques
3	Location of hospital lab or research facility	Hematology Unit, Central Lab, SVBP Hospital
4	Name of Internal Perceptor	MOIC, Central Lab
5	Name of External Perceptor	NA
6	Learning Objectives of Elective	<ol style="list-style-type: none"> 1. Define anemia 2. Classify the morphological types of anemia 3. Perform data collection and interpretation 4. Analyse clinic-pathological profile of anemia in paediatric age group
7	No. of students that can be accommodated in this elective	Six
8	Prerequisite for elective	<ol style="list-style-type: none"> 1. Knowledge of cut-off for paediatric age group 2. Knowledge of RBC indices 3. Knowledge of morphological classification of anemia
9	List of activities of student participation	<ol style="list-style-type: none"> 1. Histogram interpretation 2. Independently perform CBC sampling on 3-part & 5-part hematology automated analyzer 3. Independently perform Leishman stain 4. Peripheral blood smear interpretation
9.1	Week -1	
9.2	Week - 2	
9.3	Week – 3	
9.4	Week - 4	

		<p>5. Interpretation of CBC reports</p> <p>6. Record patient details and corresponding clinical and hematological reports</p>
10.	Learning resources	<p>Robbins textbook of Pathology</p> <p>Dacie & Lewis Practical Hematology</p> <p>Web links</p> <p>SOP of Hematology Lab</p>
11.	Portfolio entries required	Maintain master chart / data sheet
12.	Logbook entry required	Log book entries and verification with signature of faculty and should be graded meet expectations
13.	Research project	Complete the project within the allotted time
14.	Assessment	<p>Formative</p> <p>Attendance and viva voice</p> <p>Presentation in the lab noted in portfolio</p>
15.	Comments	Manuscript writing and publication will be encouraged


L.L.R.M.MEDICAL COLLEGE, MEERUT
DEPARTMENT :- OPHTHALMOLOGY
BLOCK :- 01

Name of block	1
Name of Elective	OCULAR SURFACE DISEASE
Location of hospital or Lab	S.V.B.P.Hospital
Name of Internal Preceptor	Dr. Jaishree Dwivedi
Name of External Preceptor	NA
Learning Objective of the Elective	To function as a part of health care worker in eye OPD Screening every patient for prevalence of Dry Eye Disease Screening of patients with prolonged Screen time
Learning Resources for Students	Textbook of Ophthalmology by Dr.Sanjeev Mittal
Number of Students that can be accommodated in this Elective	6
List of Activities in which students will Participate	Participate in routine Eye OPD for screening of Dry Eye patients with prolonged screening time Participate in academic programs of department Present at least two patients on academic forum
Portfolio Entries Required	Documentation of worked up cases Documentation of presentation done
Log Book Entry Required	Completion of portfolio signed by preceptor with a meet expectation M grade
Assessment	Attendance Day to day participation in department activities Performance of assigned task and presentation of work up cases in department


Dr. Lokesh Kumar Singh
 Head of the Department
 Upto 1st Department of Ophthalmology
 L.L.R.M. Medical College Meerut

L.L.R.M.MEDICAL COLLEGE,MEERUT
DEPARTMENT :- OPHTHALMOLOGY
BLOCK :- 01

Name of block	I
Name of Elective	Refraction
Location of hospital or Lab	S.V.B.P.Hospital
Name of Internal Preceptor	Dr. Priyanka Gusain,
Name of External Preceptor	NA
Learning Objective of the Elective	To work with Team of HCW To assess the prevalence of myopia in Childhood between 5-15 Years To assess risk factors related to onset and development of myopia in childhood
Number of Students that can be accommodated in this Elective	6
Pre Requisites for Elective	Universal [recautions,adequate knowledge of myopia and practice to complete the modules
List of Activities in which students will Participate	Participate in routine eye OPD and various eye Camps held in Schools Participate in Academic programs of department Study the prevalence and risk factors of myopia Present at least two cases in academic forUm
Portfolio Entries Required	Daily log of patients seen and activities participated At least 04 fully worked up patients documented
Log Book Entry Required	Yes
Assessment	Attendance Successful Verification of required Portfolio Enteries Successful completion of patients certified in the log book with a meets expectation M grade


Dr. Lokesh Kumar Singh
 Head of the Department
 Upgraded Department of Ophthalmology
 LLRM Medical College Meerut

**Department of Orthopedics
LLRM Medical College, Meerut**

Elective no.1

Name of Block	Block 2
Name of Elective	Rehabilitation of trauma patients
Location of hospital Lab or research facility	Medical College Hospital (PMR department)
Name of internal preceptor(s)	Dr. Gyaneshwar Tonk
Name of external preceptor if applicable	—
Learning objectives of elective	<ol style="list-style-type: none"> 1. To know about various types of fractures. 2. To know about the various treatment modalities of fractures in acute and chronic settings. 3. To know about timing of different rehabilitation protocol. 4. To know about various physiotherapy modalities of treatment. 5. To know about different complications in post-operative patients. 6. To learn documentation of comparative analysis of range of movements at different joints. 7. To counsel patient attendants regarding regular follow up.
Number of students that can be accommodated in this elective	04
Prerequisites for elective	Must have basic knowledge of orthopedics
List of Activities of student participation	<ol style="list-style-type: none"> 1. To understand the importance physiotherapy 2. To learn active and passive muscle strengthening exercise within pain tolerance. 3. To learn about assisted gait training modalities. 4. To measure correct sizes of various assistive devices. 5. To understand the role of active and passive exercises in rehabilitation protocol. 6. To document the ROM of joints of operated patients. 7. Observe them during counseling of various multimodalities.
Learning resources for Students	Campbell's operative orthopedics 14 th edition
Portfolios entry Required	Daily log of patients seen, counseling & activities participated
Logbook entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	Attendance, Successful verification of required portfolio entries, successful completion of the posting as certified in the logbook with meets expectation ('M' grade).
Other Comments	Nil

**Department of Orthopedics
LLRM Medical College, Meerut**

Elective no.2

Name of Block	Block 2
Name of Elective	Rehabilitation and palliative care
Location of hospital Lab or research facility	Medical College Hospital (PMR department)
Name of internal preceptor(s)	Dr Manvendra Gaur/Dr. Kritesh Mishra
Name of external preceptor if applicable	—
Learning objectives of elective	<ol style="list-style-type: none"> 1. To know about various causes of cerebral palsy. 2. To know about the various treatment modalities of cerebral palsy. 3. To show how to provide various physical therapies of cerebral palsy patients. 4. To know about the gait training of the cerebral palsy patients 5. To counsel the attendant of cerebral palsy patient about the disorder and its outcome. 6. To counsel the patients attendant regarding psychological and I.Q. evaluation of the patient. 7. To counsel patient attendants regarding the speech therapy for the patient
Number of students that can be accommodated in this elective	04
Prerequisites for elective	Must have basic knowledge of cerebral palsy .
List of Activities of student participation	<ol style="list-style-type: none"> 1. To assess the various gait patterns in cerebral palsy patients. 2. To learn passive muscle stretching techniques of cerebral palsy patients 3. To classify cerebral palsy patients .
Learning resources for Students	Textbook of Tachdjian's pediatric orthopedics
Portfolios entry Required	Daily log of patients seen, counseling & activities participated
Logbook entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	Attendance, Successful verification of required portfolio entries, successful completion of the posting as certified in the logbook with meets expectation ('M' grade).
Other Comments	Nil

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT -RESPIRATORY MEDICINE
BLOCK 2

NAME OF BLOCK	BLOCK 2
NAME OF ELECTIVE	Respiratory Medicine
LOCATION OF HOSPITAL/RESEARCH FACILITY	LLRM Medical College and SVBP Hospital, Meerut
NAME OF INTERNAL PRECEPTOR	DR SANTOSH MITTAL
NAME OF EXTERNAL PRECEPTOR	NA
LEARNING OBJECTIVES	<ol style="list-style-type: none"> 1. To provide care for patients with respiratory complaints in a supervised environment. 2. To function effectively as a team member in a multidisciplinary team managing Bronchial Asthma. 3. To counsel the patients about Bronchial Asthma care appropriately 4. To describe the pathophysiological clinical correlates as they apply to care of patients with Bronchial Asthma
NUMBER OF STUDENTS IN THE ELECTIVE	10
PREREQUISITES	Received necessary basic vaccinations (Especially COVID vaccine and Hepatitis B vaccine)
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<ol style="list-style-type: none"> 1. Participate in Out-patient and In-patient rounds 2. Participate in afternoon teaching sessions of the department 3. Present at least two cases that are fully worked up in the teaching session

	<p>4. Participate in patient education and multidisciplinary team meetings</p> <p>5. Participate in audit meetings</p>
LEARNING RESOURCES FOR STUDENTS	Hutchison's Clinical Medicine and Harrison's Principles of Internal Medicine.
PORTFOLIOS ENTRY REQUIRED	Assignments provided; Two worked up case records that have been presented. Documentation of self-directed learning as summary and reflection.
LOGBOOK ENTRY REQUIRED	Satisfactory completion of posting by a preceptor with a meet's expectations "M" Grade
ASSESSMENT	<p>Attendance</p> <p>Formative: Participation in outpatient and inpatient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.</p>
OTHER COMMENTS	


Dr. SANTOSH MITTAL
 M.D. (CHEST & T.B.)
 Professor & HOD
 Department of Chest & TB
 LLRM Meerut
 Meerut

Department of General Medicine
ELECTIVES

BLOCK 2

Name : Diabetology

Hospital : LLRM Medical College and SVBP Hospital, Meerut

Name of internal preceptor : Dr. S.K.K Malik (MD)

Dr. Rachna Semwal (MD)

Learning Objectives :

1. To provide care for patients with diabetes in a supervised environment.
2. To function effectively as a team member in a multidisciplinary team managing diabetes.
3. To counsel the patients about diabetes care appropriately
4. To describe the pathophysiological clinical correlates as they apply to care of patients with diabetes

Number of students: 10

Prerequisites for elective : Received necessary basic vaccinations (Especially COVID vaccine and Hepatitis B vaccine)

List of activities :

1. Participate in Out-patient and In-patient rounds
2. Participate in afternoon teaching sessions of the department
3. Present at least two cases that are fully worked up in the teaching session
4. Participate in patient education and multidisciplinary team meetings
5. Participate in audit meetings

Learning Resources : Hutchison's Clinical Medicine and Harrison's Principles of Internal Medicine.

Portfolio Entries Required : Assignments provided : Two worked up case records that have been presented. Documentation of self-directed learning as summary and reflection.

Log book entry required : Satisfactory completion of posting by a preceptor with a meets expectations "M" Grade

Assessment : Attendance

Formative : Participation in outpatient and inpatient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.

Department of General Medicine

ELECTIVES

BLOCK 2

Name:GastroenterologyandHepatology

Hospital : LLRM Medical College and SVBP Hospital, Meerut

Nameofinternalpreceptor::-Dr. Nishant Tayal (MD)

Dr. Gyanendra Singh (MD)

Learning Objectives :

1. ToprovidecareforpatientswithAscitesinasupervised environment.
2. Tofunctioneffectivelyasateammemberinamultidisciplinaryteam managing Ascites.
3. TocounselthepatientsaboutChronicLiverDiseasecare appropriately
4. Todescribethepathophysiologicalclinicalcorrelatesastheyapplyto care of patients with Chronic Liver disease.

Numberofstudents:10

Prerequisitesforelective:Receivednecessarybasicvaccinations(Especially COVID vaccine and Hepatitis B vaccine)

Listofactivities:

1. ParticipateinOut-patientandIn-patientrounds
2. Participateinafternoonteachingsessionsofthedepartment
3. Presentatleasttwocasesthatarefullyworkedupintheteaching session
4. Participateinpatienteducationandmultidisciplinaryteammeetings
5. Participateinauditmeetings

LearningResources:Hutchison'sClinicalMedicineandHarrison'sPrinciplesof Internal Medicine.

Portfolio Entries Required : Assignments provided :Two worked up case recordsthathavebeenpresented.Documentationofself-directedlearningas summary and reflection.

Logbookentryrequired:Satisfactorycompletionofpostingbyapreceptor with a meets expectations “M” Grade

Assessment:Attendance

Formative : Participation in outpatient and inpatient rounds and team activities.Presentationofworkedupcases.Documentationofattendanceand required portfolio and log book entries.

Department of General Medicine

ELECTIVES

BLOCK2

Name:RespiratoryMedicine

Hospital :LLRM Medical College and SVBP Hospital, Meerut

Name of internal preceptor:Dr. Vivek K. Rishi (MD)

Dr. Pankaj Kumar (MD)

Learning Objectives :

1. To provide care for patients with respiratory complaints in a supervised environment.
2. To function effectively as a team member in a multidisciplinary team managing Chronic Obstructive Pulmonary Disease.
3. To counsel the patients about COPD care appropriately
4. To describe the pathophysiological clinical correlates as they apply to care of patients with COPD

Number of students:10

Prerequisites for elective : Received necessary basic vaccinations (Especially COVID vaccine and Hepatitis B vaccine)

List of activities:

1. Participate in Out-patient and In-patient rounds
2. Participate in afternoon teaching sessions of the department
3. Present at least two cases that are fully worked up in the teaching session
4. Participate in patient education and multidisciplinary team meetings
5. Participate in audit meetings

Learning Resources :Hutchison's Clinical Medicine and Harrison's Principles of Internal Medicine.

Portfolio Entries Required : Assignments provided :Two worked up case records that have been presented. Documentation of self-directed learning as summary and reflection.

Logbook entry required:Satisfactory completion of posting by a preceptor with a meets expectations“M” Grade

Assessment:Attendance

Formative :Participation in outpatient and inpatient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and logbook entries.

Department of General surgery
ELECTIVES BLOCK 2

Name :DEPT. OF SURGERY(Neurosurgery)

Hospital : LLRM Medical College and SVBP Hospital, Meerut

Name of internal preceptor : Dr.Akhil prakash/Dr. Mahesh N Tiwari

Learning Objectives :

1. To provide care for patients with head trauma in a supervised environment.
2. To function effectively as a team member in a multidisciplinary team managing head trauma.
3. To counsel the patients about Trauma care appropriately.
4. To describe the pathophysiological clinical correlates as they apply to care of patients with head trauma.

Number of students: 10

Prerequisites for elective : Received necessary basic resuscitation protocol.

List of activities :

1. Participate in Out-patient and In-patient rounds
2. Participate in afternoon teaching sessions of the department
3. Present at least two cases that are fully worked up in the teaching session
4. Participate in patient education and multidisciplinary team meetings
5. Participate in audit meetings

Learning Resources : Bailey and love short practice of surgery.

S.Das Practical surgery

Portfolio Entries Required : Assignments provided : Two worked up case records that have been presented. Documentation of self-directed learning as summary and reflection.

Log book entry required : Satisfactory completion of posting by a preceptor with a meets expectations "M" Grade

Assessment : Attendance

Formative : Participation in outpatient and inpatient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.

Department of General surgery
ELECTIVES BLOCK 2

Name : DEPT. OF SURGERY(GASTROSURGERY).

Hospital : LLRM Medical College and SVBP Hospital, Meerut

Name of internal preceptor : Dr. Dheeraj Raj,Dr. HIMANSHU SANGWAN

Learning Objectives :

1. To provide care for patients with blunt trauma abdomen in a supervised environment.
2. To function effectively as a team member in a multidisciplinary team managing abdominal trauma.
3. To counsel the patients about Trauma care appropriately.
4. To describe the pathophysiological clinical correlates as they apply to care of patients with abdominal trauma.

Number of students: 10

Prerequisites for elective : Received necessary basic resuscitation protocol.

List of activities :

1. Participate in Out-patient and In-patient rounds
2. Participate in afternoon teaching sessions of the department
3. Present at least two cases that are fully worked up in the teaching session
4. Participate in patient education and multidisciplinary team meetings
5. Participate in audit meetings

Learning Resources : Bailey and love short practice of surgery.

S.Das Practical surgery

Portfolio Entries Required : Assignments provided : Two worked up case records that have been presented. Documentation of self-directed learning as summary and reflection.

Log book entry required : Satisfactory completion of posting by a preceptor with a meets expectations "M" Grade

Assessment : Attendance

Formative : Participation in outpatient and inpatient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.

Department of General surgery
ELECTIVES BLOCK 2

Name : General Surgery.

Hospital : LLRM Medical College and SVBP Hospital, Meerut

Name of internal preceptor : DR. NITIN AND DR RIZWAN

Learning Objectives :

1. To provide care for patients with surgical complications in a supervised environment.
2. To function effectively as a team member in a multidisciplinary team managing surgical complications and critical care.
3. To counsel the patients & attendants about critical care appropriately.
4. To describe the pathophysiological clinical correlates as they apply to care of patients with surgical complications.

Number of students: 10

Prerequisites for elective : Received necessary basic resuscitation protocol.

List of activities :

1. Participate in Out-patient and In-patient rounds
2. Participate in afternoon teaching sessions of the department
3. Present at least two cases that are fully worked up in the teaching session
4. Participate in patient education and multidisciplinary team meetings
5. Participate in audit meetings

Learning Resources : Bailey and love short practice of surgery.

S.Das Practical surgery

Portfolio Entries Required : Assignments provided : Two worked up case records that have been presented. Documentation of self-directed learning as summary and reflection.

Log book entry required : Satisfactory completion of posting by a preceptor with a meets expectations "M" Grade

Assessment : Attendance

Formative : Participation in outpatient and inpatient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.

Department of General surgery
ELECTIVES BLOCK 2

Name : DEPT OF SURGERY(Urology).

Hospital : LLRM Medical College and SVBP Hospital, Meerut

Name of internal preceptor : DR SANJEEV KUMAR and DR. ASHISH JAYANT

Learning Objectives :

1. To provide care for patients with Acute retention of urine in a supervised environment.
2. To function effectively as a team member in a multidisciplinary team managing Acute retention of urine.
3. To counsel the patients & attendants about Acute retention of urine appropriately.
4. To describe the pathophysiological clinical correlates as they apply to care of patients with Acute retention of urine.

Number of students: 10

Prerequisites for elective : Received necessary basic resuscitation protocol.

List of activities :

1. Participate in Out-patient and In-patient rounds
2. Participate in afternoon teaching sessions of the department
3. Present at least two cases that are fully worked up in the teaching session
4. Participate in patient education and multidisciplinary team meetings
5. Participate in audit meetings

Learning Resources : Bailey and love short practice of surgery.

S.Das Practical surgery

Portfolio Entries Required : Assignments provided : Two worked up case records that have been presented. Documentation of self-directed learning as summary and reflection.

Log book entry required : Satisfactory completion of posting by a preceptor with a meets expectations "M" Grade

Assessment : Attendance

Formative : Participation in outpatient and inpatient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.

Department of General surgery
ELECTIVES BLOCK 2

Name : Cardiothoracic Surgery.

Hospital : LLRM Medical College and SVBP Hospital, Meerut

Name of internal preceptor : DR. SHEETAL and DR. ARIF

Learning Objectives :

1. To provide care for patients with chest trauma in a supervised environment.
2. To function effectively as a team member in a multidisciplinary team managing chest trauma.
3. To counsel the patients about Trauma care appropriately.
4. To describe the pathophysiological clinical correlates as they apply to care of patients with chest trauma.

Number of students: 10

Prerequisites for elective : Received necessary basic resuscitation protocol.

List of activities :

1. Participate in Out-patient and In-patient rounds
2. Participate in afternoon teaching sessions of the department
3. Present at least two cases that are fully worked up in the teaching session
4. Participate in patient education and multidisciplinary team meetings
5. Participate in audit meetings

Learning Resources : Bailey and love short practice of surgery.

S.Das Practical surgery

Portfolio Entries Required : Assignments provided : Two worked up case records that have been presented. Documentation of self-directed learning as summary and reflection.

Log book entry required : Satisfactory completion of posting by a preceptor with a meets expectations "M" Grade

Assessment : Attendance

Formative : Participation in outpatient and inpatient rounds and team activities. Presentation of worked up cases. Documentation of attendance and required portfolio and log book entries.

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT of PEDIATRICS
BLOCK 2

NAME OF BLOCK	DEPARTMENT OF PEDIATRICS, OPD BLOCK
NAME OF ELECTIVE	IMMUNIZATION
LOCATION OF HOSPITAL/RESEARCH FACILITY	PEDIATRICS OPD 15
NAME OF INTERNAL PRECEPTOR	DR AISHA SAIFI
NAME OF EXTERNAL PRECEPTOR	--
LEARNING OBJECTIVES	LEARN ABOUT IMMUNIZATION SCHEDULES, & ADMINISTRATION OF VACCINE
NUMBER OF STUDENTS ON THE ELECTIVE	10
PREREQUISITES	KNOWLEDGE OF IMMUNIZATION SCHEDULE
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<ul style="list-style-type: none"> • PARENT COUNSELLING • ADMINISTRATION OF VACCINE • LOOKING OF ADVERCE EFFECTS
LEARNING RESOURCES FOR STUDENTS	LECTURES/PRINT MATERIAL/ CHARTS
PORTFOLIOS ENTRY REQUIRED	NO
LOGBOOK ENTRY REQUIRED	YES
ASSESSMENT	YES
OTHER COMMENTS	-

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT of PEDIATRICS
BLOCK 2

NAME OF BLOCK	DEPARTMENT OF PEDIATRICS, OPD BLOCK
NAME OF ELECTIVE	DIARRHOEA AND ITS MANAGEMENT
LOCATION OF HOSPITAL/RESEARCH FACILITY	PEDIATRICS SEMINAR ROOM AND OPD
NAME OF INTERNAL PRECEPTOR	DR ANUPAMA VERMA
NAME OF EXTERNAL PRECEPTOR	--
LEARNING OBJECTIVES	<ul style="list-style-type: none"> • ORS PREPARATION • LOOKING FOR SIGNS OF DEHYDRATION • LOOKING FOR DANGER SIGN
NUMBER OF STUDENTS ON THE ELECTIVE	10
PREREQUISITES	BASIC KNOWLEDGE OF DIARRHOEA & SIGNS OF DEHYDRATION
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<ul style="list-style-type: none"> • PARENT COUNSELLING • ORS PREPARATION • ORS ADMINISTRATION • MONITORING OF PATIENT
LEARNING RESOURCES FOR STUDENTS	ORS DEHYDRATION CHARTS
PORTFOLIOS ENTRY REQUIRED	NO
LOGBOOK ENTRY REQUIRED	YES
ASSESSMENT	YES
OTHER COMMENTS	--

Department of Obstetrics & Gynaecology
LLRM Medical College, Meerut
MBBS Batch-2021
ELECTIVE No. — 01

Name of Block	Block 2
Name of Elective	Family Planning Services
Location of hospital Lab or research facility	Medical CollegeHospital (PPR/PPOT/Postnatal Ward)
Name of internal preceptor(s)	Dr. Vandana Dhama / Dr. Pratibha Agarwal
Name of external preceptor if applicable	—
Learning objectives of elective	<ol style="list-style-type: none"> 1. To know about various Family Planning Services available in our Obst & Gynae Department. 2. To counsel a client regarding benefits, side effects and complications of family planning methods (General/Method specific) 3. To show how to prescribe Oral pills 4. To demonstrate how to insert IUCD (Interval/Postpartum/Post abortion) 5. To discuss about various methods available for post partum women 6. To know how to detect and deal with the complications of various Family Planning Methods:- <ol style="list-style-type: none"> a. OCs b. IUCDs c. Injectables d. Sterilization
Number of students that can be accommodated in this elective	04
Prerequisites for elective	Must have basic knowledge of various family planning methods their side effects & complications.
List of Activities of student participation	<ol style="list-style-type: none"> 1. Participation in family planning clinics & counseling regarding different methods of contraception. 2. To Participate in indoor rounds of postnatal patients and observe how to counsel them for postpartum contraception. 3. Role play in family planning counseling. 4. Assist & perform IUCD insertion in interval, abortion & postnatal case. 5. Let them allow to prescribe oral contraceptives/Inj. contraceptives/non normal contraceptive under supervision 6. Observe them during counseling of various contraceptive methods available.
Learning resources for Students	Textbook of Gynecology (SHAW's)
Portfolios entry Required	Daily log of patients seen, counseling & activities participated
Logbook entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	Attendance, Successful verification of required portfolio entries, successful completion of the posting as certified in the logbook with meets expectation ('M' grade).
Other Comments	Nil

Department of Obstetrics & Gynaecology
LLRM Medical College, Meerut
MBBS Batch-2021
ELECTIVE No. — 02

Name of Block	Block 2
Name of Elective	STI Clinic
Location of hospital Lab or research facility	Medical CollegeHospital (Suraksha Clinic/Gynae OPD)
Name of internal preceptor(s)	Dr. Shakun Singh / Dr. Prapti Modi
Name of external preceptor if applicable	—
Learning objectives of elective	<ol style="list-style-type: none"> 1. Approach to women with RTI including history taking & pelvic examination. 2. To know how to Counselling a women with STI (Including Partner). 3. How to screen patient of RTI & STI 4. To demonstrate how to make a wet mount & indentify various organisms causing RTI. 5. To discuss about Syndromic approach for their management 6. To know about various complications of RTI/STI & their Management.
Number of students that can be accommodated in this elective	04
Prerequisites for elective	Must have basic knowledge of various STI, its Causes & available treatment protocols
List of Activity of student participation	<ol style="list-style-type: none"> 1. To involve the students during history taking of patient & Partner. 2. To observe/perform the correct techniques of per speculum & per vaginum examination in OPD & making a provisional diagnosis. 3. To assist & perform wet mount preparation of vaginal discharge. 4. To assist & perform the pap smear VIA, VILLI in STI patient. 5. Role play in STI counseling
Learning resources for Students	Textbook of Gynecology (SHAW's)
Portfolios entry Required	Daily log of patients seen, counseling & activities participated
Logbook entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	Attendance, Successful verification of required portfolio entries, successful completion of the posting as certified in the logbook with meets expectation ('M' grade).
Other Comments	Nil

Department of Obstetrics & Gynaecology
LLRM Medical College, Meerut
MBBS Batch-2021
ELECTIVE No. — 03

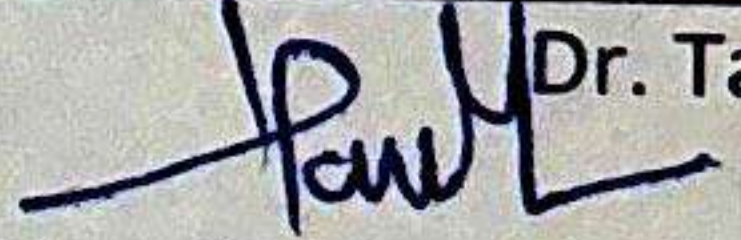
Name of Block	Block 2
Name of Elective	HIV in Pregnancy
Location of hospital Lab or research facility	Medical CollegeHospital (PPTCT CENTRE)
Name of internal preceptor(s)	Dr. Aruna Verma / Dr. Himani Pandey
Name of external preceptor if applicable	—
Learning objectives of elective	<ol style="list-style-type: none"> 1. How to Counsel of pregnant women regarding HIV infection. 2. How to deal with HIV positive pregnant women and her antenatal care. 3. To know about Universal precautions & demonstrate personal protection equipment. 4. To know about infection prevention and post exposure prophylaxis. 5. To discuss Intra partum & Post Partum care of HIV+ve women 6. To know about new born care of HIV positive mother.
Number of students that can be accommodated in this elective	04
Prerequisites for elective	Good knowledge of HIV pathophysiology and mode of transmission
List of Activity of student participation	<ol style="list-style-type: none"> 1. Observe and participate in counseling session of couples about HIV infection and testing. 2. Observe antenatal care of HIV positive pregnant women in OPD & PPTCT Centre 3. Learn about intra partum and postpartum care of HIV positive women including newborn care. 4. Work with preceptor to know about universal precautions and infection prevention techniques
Learning resources for Students	NACO guidelines about HIV in pregnancy Text book of Obstetrics.
Portfolios entry Required	Follow up of HIV positive ANC cases including pregnancy outcome
Logbook entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	Attendance, demonstration of counseling skill & infection prevention techniques. Logbook entry of cases
Other Comments	Nil

Department of Obstetrics & Gynaecology
LLRM Medical College, Meerut
MBBS Batch-2021
ELECTIVE No. — 04

Name of Block	Block 2
Name of Elective	Gynae Oncology
Location of hospital Lab or research facility	Medical CollegeHospital (Gynae OPD)
Name of internal preceptor(s)	Dr. Anupam Rani / Dr. Monika Kashyap
Name of external preceptor if applicable	—
Learning objectives of elective	<ol style="list-style-type: none"> 1. To know about various gynae malignancy. 2. To know about various screening methods for genital malignancy. 3. To discuss about various methods of Ca Cx screening including VIA, VILI & Pap Smear. 4. To describe about the indication of colposcopy. 5. How to perform colposcopy & how to interpret it. 6. To know about role of sonography in genital malignancy. 7. Discuss about endometrial carcinoma and methods to diagnose Ca endometrium.
Number of students that can be accommodated in this elective	04
Prerequisites for elective	Must have basic knowledge of various screening methods of malignances of female genital tract.
List of Activity of student participation	<ol style="list-style-type: none"> 5. To observe/perform the correct technique of per speculum and per vaginum examination in OPD and making a provisional diagnosis. 6. To visit OPD and observe various methods for screening of Cancer Cervix i.e VIA & VILI. 7. To assist and perform correct technique of taking Pap smear in OPD & have basic knowledge about LBC. 8. To observe and perform clinical stage in a patient of Ca Cervix. 9. To observe and assist in the performance of Endometrial Biopsy and Endocervical curettage. 10. To assist and perform colposcopy and to understand the indications and interpretation.
Learning resources for Students	—
Portfolios entry Required	Daily log of OPD patients seen, Pap Smear taken, Endometrial Biopsy and Colposcopy observed and assisted.
Logbook entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	Attendance, Successful verification of required portfolio entries, successful completion of the posting as certified in the logbook with meets expectation 'M' grade.
Other Comments	Nil

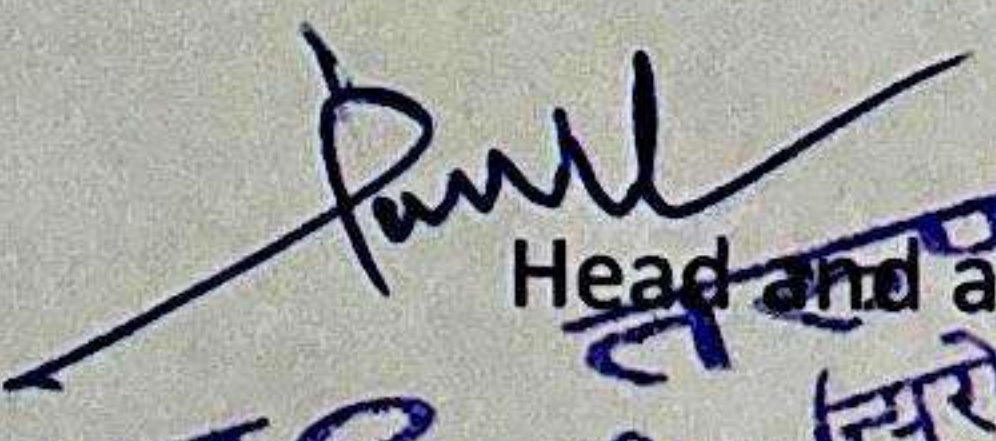
**LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PSYCHIATRY
BLOCK - 2**

Name of Block	Block 2
Name of Elective	Management of violent Patient
location of hospital Lab or research facility	SVBP. Hospital & Department of Psychiatry
Name of internal preceptor(s)	Dr. Tarun Pal
Name of external preceptor if applicable	
Learning Objective of this elective	<ol style="list-style-type: none"> 1. To function as a part of a mental health team 2. To be able to identify and predict violent behavior in patients. 3. To understand the principles of management of violent behavior in patients with mental illness. 4. Get hands on experience in managing persons with mental illness by seclusion and restraint.
Number of students that can be accommodated in this elective	8
Prerequisites for elective	NICE guidelines for managing Acutely disturbed or Violent behavior
List of activities of student participation	<ol style="list-style-type: none"> 1. Participate in inpatient and outpatient rounds 2. Participate in basic workup of patients with mental illness 3. Understand the principles underlying the management of violent patient. 4. Understand the principles of physical restrain (4 point restrain) 5. Understand the principles of chemical restrain. 6. Present at least one patient in the departmental meeting.
Learning Resources	Kaplan & Sadok's Synopsis of Psychiatry; 12th edition
Portfolio entries required	<ol style="list-style-type: none"> 1. Case record of at least one patient 2. Record of one patient managed using the techniques taught during the elective posting.
Log book entry required	Satisfactory completion of posting by preceptor 1.
Assessment	Successful verification of required portfolio entries
Other comments	<ol style="list-style-type: none"> 1 Attendance. 2 Successful verification of required portfolio entries 3 Successful completion of the posting as certified in the log book with a 'meets expectation M grade'
	NIL


 Dr. Tarun Pal
 Head and associate Professor
डा० तरुण पल
 एम.डी. (न्यूरोसाइकेट्री)
 सह आचार्य एवं विभागाध्यक्ष
 मानसिक रोग विभाग
 ला.ला.रा.स्मा., मेडिकल कॉलेज, मेरठ

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PSYCHIATRY
BLOCK - 2

Name of Block	Block 2
Name of Elective	Management of Alcohol Withdrawal
location of hospital Lab or research facility	SVBP. Hospital & Department of Psychiatry
Name of internal preceptor(s)	Dr. Tarun Pal
Name of external preceptor if applicable	
Learning Objective of this elective	<ol style="list-style-type: none"> 1. To function as a part of a mental health team 2. To be able to identify and withdrawal behavior in patients. 3. To understand the principles of management of alcohol withdrawal 4. Get hands on experience in managing persons with alcohol dependence
Number of students that can be accommodated in this elective	8
Prerequisites for elective	NICE guidelines for managing Alcohol Withdrawal
List of activities of student participation	<ol style="list-style-type: none"> 1. Participate in inpatient and outpatient rounds 2. Participate in basic workup of patients with alcohol withdrawal 3. Understand the principles underlying the management of alcohol withdrawal 4 Present at least one patient in the departmental meeting.
Learning Resources	Maudsley prescribers guidelines in psychiatry 13th
Portfolio entries required	<ol style="list-style-type: none"> 1. Case record of at least one patient 2. Record of one patient managed using the techniques taught during the elective posting. 3. Satisfactory completion of posting by preceptor
Log book entry required	Successful verification off required portfolio entries
Assessment	<ol style="list-style-type: none"> 1 Attendance. 2 Successful verification off required portfolio entries 3 Successful completion of the posting as certified in the log book with a 'meets expectation M grade'
Other comments	NIL


 Dr. Tarun Pal
 Head and Associate Professor
 Department of Psychiatry
 LLRM Medical College
 ला.ला.रा.स्मा., मेरठ

ENT Elective posting for MBBS Final Prof. part-1 Students

Name of block	Block-2
Name of electives	TRACHEOSTOMY CARE
Location of hospital	LLRM medical college and hospital
Name of internal preceptor	Dr.nikunj jain, assistant prof
External preceptor	NOT APPLICABLE
Learning objectives	students should able to demonstrate, dressing suctioning of stoma and understanding of actual disease
Number of students that can be accommodated	5
Pre-requisites	ENT history taking and examination
List of activities of student participation	<ul style="list-style-type: none"> ➤ History taking and examination of patient ➤ Examine tracheostomy site ➤ Demonstrate suctioning of stoma ➤ Demonstrate dressing of tracheostomy site ➤ Explain about actual disease
Learning resources	Text book of ENT- PL DHINGRA and practical demonstration
Log book entry required	Satisfactory completion of posting
assessment	<ul style="list-style-type: none"> ➤ Ask the students to demonstrate, dressing suctioning of stoma ➤ understanding of actual disease ➤ Attendance ➤ Successful completion of posting as verified in logbook

Dr. Nikunj Jain
24/10/2024

ENT ELECTIVE COURSE FOR MBBS FINAL PROF PART-1 STUDENTS

Name of block	Block-2
Name of elective	To examine and evaluate ENT and Head and Neck region completely with different techniques based on anatomical, radiological and laboratory data
Location of hospital	LLRM Medical College
Name of internal preceptor	Dr. Deepti Singh – Asst. Prof.
Name of external preceptor	NOT APPLICABLE
Learning Objectives	<ol style="list-style-type: none">1. Should be able to do complete examination of ENT and Head and Neck region with correct technique and differentiate a spectrum of ENT/Head and Neck diseases based on findings and lab data.2. Should be able to explain each part of rhinology and head and neck oncology.3. Should know why it is being performed and what abnormalities are being sought.
Number of students that can be accommodated	5
Prerequisites	<ol style="list-style-type: none">1. Knowledge of examination method of ENT2. Knowledge of Tuning Fork Tests, Pure Tone Audiometry Test, Indirect Laryngoscopy.
List of activities of student participation	<ul style="list-style-type: none">○ Will do Ear, Nose and Throat examination○ Will do Head and Neck examination○ Record of data and compiling
Learning Resources	Text book of ENT, P.L Dhingra Evaluation by Otoscope , Thudichum Nasal Speculum, Tongue Depressor, IDL Mirror, Head Mirror and Bull's Eye Lamp
Log Book entry required	YES
Assessment	Attendance Successful completion of posting as verified in logbook



**DEPARTMENT – COMMUNITY MEDICINE
LLRM MEDICAL COLLEGE, MEERUT**

Block: 2

Name of Block	Block-2
Name of Elective	Community Clinic
Location of hospital Lab or research facility	Urban Health Training Centre (UHTC), Surajkund, Meerut
Name of Internal preceptor(s)	Dr. Sanjeev Kumar
Name of Co-preceptor (if applicable)	Dr. Ravi Bandhu
Learning objectives of elective	<ul style="list-style-type: none"> • To provide knowledge of the functioning of the health care centre • Various activities function at the health care centre • Interaction with ASHA, ANM, AWW and their role in the community • Various programmes and sessions days at the health centre • To provide primary care to patients in a resource-limited setting under supervision
Number of students that can be accommodated in this elective	6 students
Prerequisites for elective	Students should be in proper uniform with apron and stethoscope
Learning resources for students	<ul style="list-style-type: none"> • Drug doses booklet by Meharban • National Immunization Schedule • Park's Textbook of Preventive and Social Medicine
List of activities of student participation	<ul style="list-style-type: none"> • Dealing with the patient in the community clinic • Counsel the patient • Vaccination for child • Participate in the programme conducted at the health centre
Portfolio entries required	<ul style="list-style-type: none"> • Daily maintenance of record of patients seen • Separate registered for pregnant women
Logbook entry required	Completion of posting signed by Internal Preceptor/ Supervisor
Assessment	<ul style="list-style-type: none"> • Based on daily attendance • Worked under supervision • Certificate should be provided
Other comments	

**DEPARTMENT – COMMUNITY MEDICINE
LLRM MEDICAL COLLEGE, MEERUT**

BLOCK –2:

Name of Block	Block 2
Name of elective	Diabetes case management
Location of hospital/research facility	LLRM Medical College Hospital
Name of internal preceptor	Dr. Sanjeev
Name of external preceptor	Dr. Kraty Singh
Learning objectives	<ol style="list-style-type: none"> 1. To provide care for patients with diabetes in a supervised environment. 2. To counsel patients about diabetes care appropriately 3. To describe the pathophysiological clinical correlates as they apply to the care of patients with diabetes.
Number of students in the electives	2
Prerequisites	Must have received necessary immunisations.
List of activities in which students will participate	<ol style="list-style-type: none"> 1. Present at least two cases that are fully worked up in the teaching session. 2. Participate in patient education regarding lifestyle modifications.
Learning resources for students	<ol style="list-style-type: none"> 1. Seshadri K: Clinician's Handbook of diabetes 2. Park's Textbook of Preventive and Social Medicine
Portfolios entry required	Assignments: Provided Two worked up case records that have to be presented before supervisor. Documentation of self-directed learning as summary and reflection.
Logbook entry required	Satisfactory completion of posting by a preceptor with a "meets expectation 'M' grade"
Assessment	Attendance Formative: Documentation of attendance and required portfolio and log book entries.
Other comments	

LLRM MEDICAL COLLEGE, MEERUT
DEPARTMENT – COMMUNITY MEDICINE

Name of Block	02
Name of Elective	Management of Hepatitis B and C cases
Location of Hospital / Resarch Facility	Hepatitis OPD and General OPD of Medical College.
Name of Internal Receptor	Dr. Neelam S. Gautam
Name of External Receptor	Dr. Vandana
Learning Objectives	a) To find out source and mode of transmission. b) To make diagnosis on basis of symptoms. c) To get patient investigated. d) To start pharmacotherapy from Hepatitis OPD. e) To assess compliance of treatment.
Number of student in the Electives	05
Pre requisites	Cases
List of activities in which students will participate	a) Diagnosis of Hepatitis B and C cases b) Management of the case c) Management of the complicated cases d) Advice the patient to prevent further transmission
Learning resources for students	Cases, Records, Drugs
Portfolios entry required	As per requirment
Log book entry required	Yes
Assessment	Diagnosis of OPD cases
Other comments	Candidate will be able to learn co-infections also