

ANNEXURE II

DEPARTMENT OF ANATOMY L.L.R.M MEDICAL COLLEGE MEERUT

NAME OF BLOCK	Block -1
NAME OF ELECTIVE	Deep dissection on Cadaver.
LOCATION OF HOSPITAL/ RESEARCH FACILITY	Dissection Hall, Department of Anatomy.
NAME OF INTERNAL PRECEPTOR	Dr. Vinay Kumar, Dr. Antima, Dr Ketu Chauhan
NAME OF EXTERNAL PRECEPTOR	N/A
LEARNING OBJECTIVES	1 To know basic dissection technique. 2 Do proper deep dissection. 3 Observe findings of deep dissection.
NUMBER OF STUDENTS IN THE ELECTIVE	6
PREREQUISITES	Knowledge of Subject of Anatomy
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	1 Work with Supervisor in making observation and identification. 2 Work with preceptor for deep dissection.
LEARNING RESOURCES FOR STUDENTS	Cunningham's dissector of anatomy vol I,II,III
PORTFOLIOS ENTRY REQUIRED	Proper notes of dissection Photography of the dissection for academic purpose.
LOGBOOK 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	

Department of Anatomy, LLRM Medical College, Meerut

Name of Block	Block 1
Name of Elective	Comparison of CT/MRI Radiographic images of brain S 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 S identification of cross sections of cadaveric brain S spinal cord Radiographic study of MRI S CT-SCAN brain S spinal cord Comparison of cadaveric neuro anatomy with CT/MRI Radiographic images of brain S spinal cord
Number of students that can be accommodated in this elective	6
Prerequisites for elective	Knowledge of neuroanatomy S basic principles of CT S MRI
List of activities of student participation	1.Work with supervisor and making observation and identification of CT S MRI of brain S spinal cord 2.Differentiation between Cadaveric neuroanatomy and radiographic images of CT S MRI. 3.Cross sectional Study of anatomy of brain S spinal cord
Learning Resources	(Neuroanatomy)-Carpenter Snell's Clinical Neuroanatomy Radiography and Radio physics with Radiological techniques (CT S MRI, X-Ray) Dr. S K Bhargva. Cross Sectional Anatomy (CT MRI) Dr. S K Bhargva. Grainger S Allison's Diagnostic Radiology
Portfolio entries required	Cross Sectional Anatomy notes Radiological images (CT S MRI of brain S 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

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PHYSIOLOGY

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 Pratibha Rani Dr Nitika Verma
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.

	<p>4. BORON textbook of Human Physiology</p> <p>5. Principles of Internal Medicine by Harrison.</p>
PORTFOLIOS ENTRY REQUIRED	<p>1. Documentation of Project work.</p> <p>2. Study notes on related topic.</p> <p>3. Photography while performing the Lab techniques for documentation.</p>
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

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF PHYSIOLOGY

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 Anshu Tandon Dr Megha Kulshreshtha Dr Alka Srivastava
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
PREREQUISTES	<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

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF BIOCHEMISTRY

NAME OF BLOCK	BLOCK 1
NAME OF ELECTIVE	Sugar profile in Diabetic patient
LOCATION OF HOSPITAL/RESEARCH FACILITY	Central Biochemistry Lab
NAME OF INTERNAL PRECEPTOR	Dr. Krishana Gopal , Dr. Himani, Dr. Devanshi Singh
NAME OF EXTERNAL PRECEPTOR	NA
LEARNING OBJECTIVES	To know the phlebotomy procedure. To Interpret the reports of diabetic patient. To learn the procedure of maintaining quality control of Auto Analyzer.
NUMBER OF STUDENTS IN THE ELECTIVE	06
PREREQUISITES	Knowledge of Biochemistry subjects Knowledge of sugar profile and Auto Analyzer.
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	1- Work with supervisor to interpretate sugar profile reports. 2- How to calibrate Biochemistry analyzer. 3- To regularly monitorize collection, condition & storage of sample.
LEARNING RESOURCES FOR STUDENTS	Practical manual SK Gupta clinical Biochemistry Teitz
PORTFOLIOS ENTRY REQUIRED	Prepare notes of diabetic profile & its complication and management.
LOGBOOK ENTRY REQUIRED	Satisfactory completion of posting with a “meet expectation (m)grade”
ASSESSMENT	1- Attendance 2- successful completion of research objectives & log book entry
OTHER COMMENTS	-----

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT OF BIOCHEMISTRY

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	To learn the Biochemical parameter evaluate to dioagnose liver desease
LOCATION OF HOSPITAL/RESEARCH FACILITY	Central Biochemistry lab
NAME OF INTERNAL PRECEPTOR	Dr. Krishana Gopal , Dr. Himani, Dr. Devanshi Singh
NAME OF EXTERNAL PRECEPTOR	NA
LEARNING OBJECTIVES	1-Knowledge Of test to be performed in liver disease. 2-QC of analyzer. 3-Interpretation & correlation of the reports.
NUMBER OF STUDENTS IN THE ELECTIVE	06
PREREQUISITES	1-Pathogenesis of liver cirrnosis 2- Normal values of LFT & liver enzmes.
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	1-Work with supervisor to interpretate LFT and enzmes. 2- Learn to calibrate Biochemical analyzer 3- To regularly monitorize collection, condition & storage of sample.
LEARNING RESOURCES FOR STUDENTS	Practical manual SK Gupta clinical Biochemistry Teitz
PORTFOLIOS ENTRY REQUIRED	Prepare notes of liver disease & its complication
LOGBOOK ENTRY REQUIRED	Satisfactory completion of posting with a “meet expectation (m)grade”
ASSESSMENT	1-Attendence 2- successful completion of research objectives & log book entry
OTHER COMMENTS	-----

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	NA
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. 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 error in AMAs usage.
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

NAME OF THE BLOCK	BLOCK 1
NAME OF ELECTIVE	PHARMACOTHERAPY OF MDR TB
LOCATION OF HOSPITAL /RESEARCH FACILITY	Department of Pharmacology, LLRM Medical College, Meerut
NAME OF INTERNAL PERCEPTOR	Dr. Pinki Dr. Piyush Mishra
NAME OF EXTERNAL PERCEPTOR	NA
LEARNING OBJECTIVES	<ol style="list-style-type: none">1) To define MDR TB.2) To explain its significance for public health.3) To list various categories of antitubercular drugs.4) To discuss the principles of designing MDR TB drug regime with special reference to drug and dose selection.5) To prescribe antitubercular drug regime for a given case of MDR TB as per latest guidelines.6) To communicate with the patient<ul style="list-style-type: none">• To ensure adherence to treatment prescribed.• To recognise ADR due to MDR TB drugs• To report ADR due to MDR TB drugs
NUMBER OF STUDENTS	06
PREREQUISITES FOR ELECTIVE	Thorough knowledge of - <ul style="list-style-type: none">• Pharmacology of drugs used in the treatment of TB• Latest NTEP guidelines
LEARNING RESOURCES	<ul style="list-style-type: none">• Essentials of Medical Pharmacology- KD Tripathi (9th Edition)• Principles of Internal

	<p>Medicine- Harrison(22th edition)</p> <ul style="list-style-type: none"> • NTEP Guidelines
LIST OF ACTIVITIES OF STUDENT PARTICIPATION	<ol style="list-style-type: none"> 1) Study basic and applied pharmacology of antitubercular drugs 2) Study NTEP guidelines for the treatment of TB 3) Prepare flow chart of MDR TB regime in general 4) Critically analyse given case of MDR TB and prescribe appropriate treatment 5) Role play for communication with patient regarding <ol style="list-style-type: none"> a) Compliance of treatment b) Recognition of adverse effects
PORTFOLIO ENTRIES REQUIRED	<ul style="list-style-type: none"> • Documentation of clinical case workup • Reflection on communication with patient
LOG BOOK ENTRY REQUIRED	Day to day activities must be recorded in log book and signed by preceptor
ASSESSMENT	<ol style="list-style-type: none"> 1) Attendance 2) Day to day participation in departmental activities 3) Performance of assigned task 4) Presentation of topics
OTHER COMMENTS	NIL

L.L.R.M MEDICAL COLLEGE

DEPARTMENT OF PATHOLOGY

BLOCK 1

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	FNAC techniques
LOCATION OF HOSPITAL/RESEARCH FACILITY	Cytology Lab, LLRM Medical College, Meerut
NAME OF INTERNAL PERCEPTOR	Dr. Nidhi Verma Dr. Deepali Mittal
NAME OF EXTERNAL PERCEPTOR	N/A
LEARNING OBJECTIVES	1) To demonstrate the role of FNAC in cytopathological diagnosis. 2) To explain the importance of proper history taking and examination of patient with informed consent. 3) To demonstrate the correct methodology of FNAC technique. 4) To demonstrate the method for obtaining the cellular sample and smear preparation. 5) To demonstrate the technique of slide fixation (Giemsa, Pap) followed by microscopic examination. 6) To evaluate the understanding of students regarding importance of FNAC and its limitations.
NUMBER OF STUDENTS IN ELECTIVE	06
PREREQUISITES	Hepatitis B vaccination
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	a) Supervising, observing, assisting and performing FNAC b) Participate in the department educational activities
LEARNING RESOURCE FOR STUDENTS	1) Department SOP provided 2) Consultant and residents posted in department of Cytology
PORTFOLIOS ENTRY REQUIRED	Documentation of presentation done
LOGBOOK ENTRY REQUIRED	Completion of posting signed by preceptor
ASSESSMENT	Formative attendance, day to day participation, performance of assigned tasks and presentation of worked up cases in department
OTHER COMMENTS	NIL

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	<ol style="list-style-type: none">1. Develop the student's knowledge of the pathology of disease.2. Describe the roles of pathologist as member of the health care team.3. Describe the operations of diagnostic surgical pathology including gross and microscopic techniques, frozen sections and immunohistochemistry.4. Develop understanding about the various steps in Histopathology: Tissue processing Staining (manual/automated).5. Know about new technologies in surgical pathology a histopathology requisition form and interpret common reports.6. Correlate clinical manifestations of the patient with cytologic or histologic characteristics, ancillary studies and laboratory results of common diseases to

	formulate a final diagnosis of allotted cases.
NUMBER OF STUDENTS IN ELECTIVE	06
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	Department SOP provided .
PORTFOLIOS ENTRY REQUIRED	<p>1. Documentation of worked up cases</p> <p>2. Documentation of presentation done</p>
LOGBOOK ENTRY REQUIRED	Completion of posting signed by preceptor with a 'Meets expectation (M) grade'
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	NIL

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	<ul style="list-style-type: none"> • Know the procedure of phlebotomy and serum separation. • Explain the basic steps involved in ELISA for diagnosis of ELISA • Differentiate between NS1 antigen ELISA and IgM/IgG antibody ELISA • Perform and interpret dengue ELISA tests • Correlate lab findings with clinical stages of Dengue
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"> • Sample collection observation and practice • Observation & practice of ELISA procedure • 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">• 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	Identification of Bacteria in Routine Diagnostic Laboratory
3.	Location of hospital lab or research facility	Sample collection & Bacteriology Laboratory
4.	Name of internal preceptor(s)	Dr Prem Prakash Mishra
5.	Name of external preceptor (if any)	None
6.	Learning objectives of the elective	<ul style="list-style-type: none">☛ Perform proper sample collection and transport☛ Identify bacteria using staining and other identification methods☛ Interpret biochemical test results Correlate lab findings with clinical conditions <ul style="list-style-type: none">• Reporting
7.	Number of students that can be accommodated in this elective	10
8.	Prerequisites for the elective	<ul style="list-style-type: none">• Consent letter,• Self declaration for adherence to safety measures and universal precautions.
9.	Learning resources for students	<ul style="list-style-type: none">• Diagnostics Bacteriology book.• Observation in bacteriology laboratory of the department
10.	List of activities in which the student will participate	<ul style="list-style-type: none">• Performance of collection methods & identification process.• Interpretation of results.• 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 identification procedure & interpretation of results.• Periodic tracking of the activities will be done by head of the department.
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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	Sterilization Techniques in a Diagnostic Microbiology Laboratory (Autoclave & Hot air Oven, Insipissator etc)
3.	Location of hospital lab or research facility	Sterilization & Media section
4.	Name of internal preceptor(s)	Dr Karvi Agarwal
5.	Name of external preceptor (if any)	None
6.	Learning objectives of the elective	<ul style="list-style-type: none"> • Explain principles of sterilization and disinfection • Operate common sterilization equipments • Differentiate between moist heat and dry heat sterilization • Monitor and validate sterilization processes • Knowledge of working in CSSD
7.	Number of students that can be accommodated in this elective	10
8.	Prerequisites for the elective	<ul style="list-style-type: none"> • 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 • Demonstration by staffs members
10.	List of activities in which the student will participate	<ul style="list-style-type: none"> ■ Orientation & demonstration of autoclave and hot air oven. ■ Hands-on operation of sterilization equipment. ■ Preparation & packaging of various materials for sterilization. ■ Monitoring & quality control using physical, chemical, and biological indicators ■ Documentation & infection control practices.

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">• Periodic tracking of the activities will be done by head of the department.

Department of Forensic Medicine
LLRM MEDICAL COLLEGE MEERUT

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Basic incisions during autopsy
LOCATION OF HOSPITAL /RESEARCH FACILITY	Mortuary, LLRM Medical College, Meerut
NAME OF INTERNAL PRECEPTOR	Dr. Vinita Kushwaha
NAME OF EXTERNAL PRECEPTOR	--
LEARNING OBJECTIVES	<ol style="list-style-type: none"> 1. Performing primary skin incisions. 2. To reflect the scalp and open the skull vault.
NUMBER OF STUDENTS IN THE ELECTIVE	6
PREREQUISITES	<ol style="list-style-type: none"> 1. Knowledge of objectives of autopsy. 2. Knowledge of routine dissection techniques.
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<ol style="list-style-type: none"> 1. Observe incisions during routine autopsy. 2. Perform incisions under observation preceptor.
LEARNING RESOURCES FOR STUDENTS	<ol style="list-style-type: none"> 1. Ludwig's Post mortem techniques handbook. 2. Anil Agrawal's Forensic Medicine textbook.
PORTFOLIOS ENTRY REQUIRED	Yes
LOGBOOK ENTRY REQUIRED	Yes
ASSESSMENT	By logbook and portfolio entry
OTHER COMMENTS	Nil

DEPARTMENT OF FORENSIC MEDICINE

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Medicolegal interpretation of external injuries during autopsy.
LOCATION OF HOSPITAL /RESEARCH FACILITY	Mortuary, LLRM Medical College, Meerut
NAME OF INTERNAL PRECEPTOR	Dr. Mithun Ghosh
NAME OF EXTERNAL PRECEPTOR	--
LEARNING OBJECTIVES	1. Differentiate different mechanical injury and their clinical significance. 2. To document these injuries properly in autopsy report.
NUMBER OF STUDENTS IN THE ELECTIVE	6
PREREQUISITES	1. Knowledge of mechanical injuries and trauma. 2. Medicolegal injury report writing.
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	1. Observe injuries, pattern and physiology of their formation.
LEARNING RESOURCES FOR STUDENTS	1. Practical Manual of the department. 2. Anil Agrawal's textbook on Injuries.
PORTFOLIOS ENTRY REQUIRED	Yes
LOGBOOK ENTRY REQUIRED	Yes
ASSESSMENT	By logbook and portfolio entry
OTHER COMMENTS	Nil

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT- COMMUNITY MEDICINE
BLOCK: 1

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Community Clinic
LOCATION OF HOSPITAL/RESEARCH FACILITY	Urban Health Training Centre (UHTC), Surajkund, Meerut
NAME OF INTERNAL PRECEPTOR	Dr. Sanjeev Kumar
NAME OF EXTERNAL PRECEPTOR	Dr. Gaurav Kashyap
LEARNING OBJECTIVES	<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 IN THE ELECTIVE	6 students
PREREQUISITES	Students should be in proper uniform with apron and stethoscope
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<ul style="list-style-type: none"> • Drug doses booklet by Meharban • National Immunization Schedule • Park's Textbook of Preventive and Social Medicine
LEARNING RESOURCES FOR STUDENTS	<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
PORTFOLIOS ENTRY 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	

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT- COMMUNITY MEDICINE
BLOCK: 1

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Dropout rate of immunisation.
LOCATION OF HOSPITAL/RESEARCH FACILITY	Urban Health Training Centre (UHTC), Surajkund under LLRM Medical College, Meerut
NAME OF INTERNAL PRECEPTOR	Dr. Tanveer Bano
NAME OF EXTERNAL PRECEPTOR	Dr. Isha Verma
LEARNING OBJECTIVES	a) Learn to calculate dropout rates of various vaccines. b) To find out dropout rate among under-5 children attending vaccination OPD at UHTC
NUMBER OF STUDENTS IN THE ELECTIVE	6 students
PREREQUISITES	Good Clinical Practice
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	1) Attending Immunisation OPD at UHTC 2) Learn to calculate dropout rates of vaccines 3) Give health education to mothers regarding vaccination
LEARNING RESOURCES FOR STUDENTS	Handbook of Immunisation for Medical officers and Park's Textbook of Preventive & Social Medicine
PORTFOLIOS ENTRY REQUIRED	Immunisation Cards, Immunisation Register
LOGBOOK ENTRY REQUIRED	Yes
ASSESSMENT	-Satisfactory Completion of Posting with a "meets expectation '(M)' grade - Attendance.
OTHER COMMENTS	

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT- COMMUNITY MEDICINE
BLOCK: 1

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Screening of non-communicable diseases (NCDs)
LOCATION OF HOSPITAL/RESEARCH FACILITY	Community Medicine OPD, LLRM Medical College, Meerut
NAME OF INTERNAL PRECEPTOR	Dr. Seema Jain
NAME OF EXTERNAL PRECEPTOR	Dr. Nagendra Singh
LEARNING OBJECTIVES	<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 IN THE ELECTIVE	10 students
PREREQUISITES	<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.
LIST OF ACTIVITIES IN WHICH STUDENTS WILL PARTICIPATE	<ul style="list-style-type: none"> • 6 days a week duty in Community Medicine OPD under supervision • Research works
LEARNING RESOURCES FOR STUDENTS	<ol style="list-style-type: none"> 1. NP-NCD government guidelines 2. Park's Textbook of Preventive and Social Medicine

PORTFOLIOS ENTRY 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	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	

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT- COMMUNITY MEDICINE
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. Abhishek Singh
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 ELECTIVE	6
PREREQUISITES	<ul style="list-style-type: none"> • Basic understanding of primary health care and national health programmes. • Prior orientation to community medicine and functioning of Urban Health Training Centres.
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.

LLRM MEDICAL COLLEGE MEERUT
DEPARTMENT- COMMUNITY MEDICINE
BLOCK: 1

NAME OF BLOCK	Block 1
NAME OF ELECTIVE	Immunisation and Vaccination coverage
LOCATION OF HOSPITAL/RESEARCH FACILITY	Vaccination OPD and Urban Health Training Centre, Surajkund under LLRM Medical College, Meerut.
NAME OF INTERNAL PRECEPTOR	Dr. Neelam S. Gautam
NAME OF EXTERNAL PRECEPTOR	Dr. Aiman Jamal
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 STUDENTS IN THE ELECTIVE	6 students
PREREQUISITES	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 requirement
LOGBOOK ENTRY REQUIRED	Yes
ASSESSMENT	Carrying out independent vaccination sessions
OTHER COMMENTS	Need based identifying barriers to have good vaccination coverage