

ELECTIVE BLOCK 1

Name of Elective	Department	Name of Preceptor	No. of students
Preparation Of Museum Specimen	Anatomy	Dr Rajarshi Datta/ Dr Sayantani Mazumdar	4
Histology: Preparation Of Tissue For Microscopic Examination	Anatomy	Dr Arpita Sarkar/ Dr Anusuya Addhya	4
Learning Radiological Anatomy	Anatomy	Dr Kaushik Ray /Dr Diana Laishram	4
Anatomy Model Making	Anatomy	Dr Rajasri Chunder/ Dr Arpita Sarkar	4
L J –Chart Monitoring	Biochemistry	Dr.Ipsita Majumdar,Dr.Maitrayee Basu Dr.Nasim Akhtar,Dr.Pallab Bera	4
Electrophoretic Slide Preperation Of Multiple Mylemo and Kidney Disease Patient	Biochemistry	Dr.Santa Saha,Dr.Aditi Saha, Dr.Nasim Akhtar, Dr.Debabrata Roy	4
Poisoning Profile Of Patients Admitted And Attending Casualty/OPD In JIMSH	FMT	Prof Tapas Kumar Bose	5-6
Trauma Profile Of Patients Attending JIMSH	FMT	Prof Tapas Kumar Bose	5-6
Age Estimation Of Age Of Child Group By Examination Of Eruption Of Teeths	FMT	Prof Tapas Kumar Bose	5-6
Age Estimation Of Age Of Child Group By Radiology	FMT	Prof P Vidyasagar	5-6
Patient Satisfaction And Feedback Study	FMT	Prof P Vidyasagar	5-6
Death Audit	FMT	Prof P Vidyasagar	5-6
Detection of Trace Evidences	FMT	Dr Alakesh Haldar	5-6
Determination of Stature Gfrom Body Parts	FMT	Dr Alakesh Haldar	5-6
Estimation of Stress Among Medical Students	FMT	Dr Choitali Goswami	5-6
MTP Profile of Patients Attending of JIMSH	FMT	Dr Choitali Goswami	5-6
Assessment Of Biofilm Forming Ability Of Bacterium Isolated From Hospitalized Cases Of Uti	Microbiology	Dr. Nishith Kr Pal,Dr. Nibedita Debnath	4
Sentinal Surveillane For Hbsag Rate Amongst Bloodbank	Microbiology	Dr. Nishith Kr Pal, Ms. Moutusi Dey	2

Point Prevalence Of Pathogens Carriage Rate On Inuse Stethoscope In Jimsh	Microbiology	Dr. Nishith Kr Pal, Mr. Aditya Tiwari	2
To Know The Time Period Required For Formation Of Biofilm On Urinary Tract Catheter in In- Vitro Experiment.	Microbiology	Dr. Nishith Kr Pal, Dr. Robert Priscilla	2
Waste Audit Of A Given Month In JIMSH	Microbiology	Dr. Nishith Kr Pal, Dr. Syamal Modi	2
Survellence On Magnitude Of Air Borne Bacteria In Icu & G&O OT	Microbiology	Dr. Nishith Kr Pal, Dr. Syamal Modi	2
The Active Survellence For SSI And Involve Bacterial Agents In JIMSH	Microbiology	Dr. Nishith Kr Pal . Dr. Robert Priscilla	2
Incidence Of ESBL Producing Among The Enterobacterial Infection In JIMSH.	Microbiology	Dr. Nishith Kr Pal, Dr. Nibedita Debnath	2
Biopsy Specimen Handling In Pathology Lab	Pathology	Dr. D. Pal	5-6
Collection & Handling of Blood Sample	Pathology	Dr. Soumik Sarkar,	5-6
Histopathological Technique	Pathology	Dr. M. Mallik,	5-6
Exposure to Cytological Lab –FNAC & Exfoliative Cytology	Pathology	Dr. S. Sarkar,	5-6
CPC (Clinico-Pathological Correlation) – Its Importance For Better Approach To Patients	Pathology	Dr. P.C.Paul,	5-6
Research (Preceptor Initiated) Drug Utilization Study In Patients Of Hypertension Attending Medicine OPD In A Tertiary Care Setup.	Pharmacology	Dr. Paramita Pal, Dr. Sughandha Garg, Dr.Subhadeep Patra, ,	5
Research (Preceptor Initiated) Drug Utilization Study In Patients Of Diabetes Mellitus Attending Medicine OPD In A Tertiary Care Setup.	Pharmacology	Dr. Pradipta Das, Dr.Subhadeep Patra, Dr. Paramita Pal, Dr. Sughandha Garg,	4
Pharmacovigilance (Project) Identifying, Recording And Reporting Adrs In A Tertiary Care Setup And Uploading The Collected Data To IPC Database By Vigiflow Software.	Pharmacology	Dr.Subhadeep Patra, Dr. Paramita Pal, Dr. Sughandha Garg, Dr. Pradipta Das	4
Research (Preceptor Initiated) Drug Utilization Study In Patients Of DS And DR Tb Attending NTEP Clinic In A Tertiary Care Setup.	Pharmacology	Dr. Sughandha Garg, Dr. Pradipta Das, Dr.Subhadeep Patra, Dr. Paramita Pal	5
Correlation Between Child Birth Spacing And Incidence Of Anemia	Physiology	Dr Debarati Chanda, ,Dr Saswati Ray, Dr Aparajita Ray	4

Correlation Between Autonomic Function Tests And Diabetic Neuropathy	Physiology	Dr Sudakshina Chatterjee, Dr Saswati Ray, Dr Kaberi De	4
Study Of Hand Grip Strength And Its Association With Bmi	Physiology	Dr Sudakshina Chatterjee, Dr Debarati Chanda, Dr Debasis Pramanik	5
Relation Between R-R Interval And Diabetic Neuropathy	Physiology	Dr Debasis Pramanik, Dr Kaberi De, Dr Aparajita Ray	4

Elective 1: Preparation of museum specimen

Name of Block	Block 1
Name of Elective	Preparation of museum specimen
Location of hospital Lab or research facility	Dept. of Anatomy, JIMSH
Name of internal preceptor(s)	Dr Rajarshi Datta/ Dr Sayantani Mazumdar
Name of external preceptor (if any)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. To dissect viscera from cadaver 2. To mount viscera for display 3. To make museum portfolio
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Basic knowledge of Human Anatomy. Universal precautions and Good laboratory practice modules to be completed
Learning Resources for students	Departmental handbook provided
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Work daily with a supervisor in departmental Museum to prepare museum specimen 2. update the museum portfolio 3. Participate in departmental education activities
Portfolio entries required	
Log book entry required	Successful completion of the posting as certified in the log book with a “meets expectation ‘M’ grade
Assessment	Formative: attendance; day-to-day participation in departmental activity; performance of assigned tasks
Other comments	

Elective 2: Histology: preparation of tissue for microscopic examination

Name of Block	Block 1
Name of Elective	Histology techniques
Location of hospital Lab or research facility	Histology Lab., Dept. of Anatomy, JIMSH
Name of internal preceptor(s)	Dr Arpita Sarkar/ Dr Anusuya Addhya
Name of external preceptor (if any)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. Steps of tissue processing 2. To make Paraffin block 3. To Prepare of slides for microscopic examination 4. To know the basic staining like H/E staining
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Basic knowledge of Human Anatomy. Universal precautions and Good laboratory practice modules to be completed
Learning Resources for students	Book: Bancroft's Theory and Practice of Histological Techniques
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Work daily with a supervisor in observing, assisting and performing tissue processing, paraffin block making, staining 2. Participate in departmental education activities
Portfolio entries required	
Log book entry required	Successful completion of the posting as certified in the log book with a "meets expectation 'M' grade
Assessment	Formative: attendance; day-to-day participation in departmental activity; performance of assigned tasks
Other comments	

Elective 3: Learning radiological anatomy

Name of Block	Block 1
Name of Elective	Radiological anatomy
Location of hospital Lab or research facility	Dept. of Anatomy, JIMSH
Name of internal preceptor(s)	Dr Kaushik Ray /Dr Diana Laishram
Name of external preceptor (if any)	N/A
Learning objectives of elective	<ol style="list-style-type: none">1. Recognize and identify structures on imaging studies2. Describe the anatomic configuration of the structures in relation to other nearby structures, as learned in gross anatomy
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Basic knowledge of Human Anatomy and radiology
Learning Resources for students	Textbook of radiological anatomy
List of activities in which the student will participate	<ol style="list-style-type: none">1. Work daily with a supervisor in department2. Participate in departmental education activities
Portfolio entries required	
Log book entry required	Successful completion of the posting as certified in the log book with a “meets expectation ‘M’ grade
Assessment	Formative: attendance; day-to-day participation in departmental activity; performance of assigned tasks
Other comments	

Elective 4: Anatomy model making

Name of Block	Block 1
Name of Elective	Anatomy model making
Location of hospital Lab or research facility	Dept. of Anatomy, JIMSH
Name of internal preceptor(s)	Dr Rajasri Chunder/ Dr Arpita Sarkar
Name of external preceptor (if any)	N/A
Learning objectives of elective	1.to better understanding of anatomy 2. to develop skill of construction of structures from deep to superficial plane.
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Basic knowledge of Human Anatomy. Interest in arts and crafts
Learning Resources for students	Departmental handbook provided
List of activities in which the student will participate	1. Work daily with a supervisor in department 2. Participate in departmental education activities
Portfolio entries required	
Log book entry required	Successful completion of the posting as certified in the log book with a “meets expectation ‘M’ grade
Assessment	Formative: attendance; day-to-day participation in departmental activity; performance of assigned tasks
Other comments	

DEPARTMENT OF PHYSIOLOGY

Elective 1: Co-relation between child birth spacing and incidence of anaemia

Name of Block	Block 1
Name of Elective	Co-relation between child birth spacing and incidence of Anaemia
Location of hospital Lab or research facility	Department Of Physiology, Haematology Lab, JIMSH ,Budge Budge
Name of internal preceptor(s)	Dr Debarati Chanda, Dr Saswati Ray, Dr Aparajita Ray
Name of external preceptor (if any)	
Learning objectives of elective	1.To Learn The Method Of Performing Haemoglobin Estimation 2.To Enumerate The Indications Of Haemoglobin Estimation In Pregnancy 3.To Learn The Rationale For Haemoglobin Estimation In Gestational Period 4.To Present The Correlation Between Spacing Between Child Birth And Incidence Of Anaemia
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Basic Knowledge About Clinical Haematology
Learning Resources for students	Departmental Handbook Provided

List of activities in which the student will participate	1. Work Daily With A Supervisor In Observing, Assisting And Performing Haemoglobin Estimation 2. Participate In Departmental Education Activities 3. Present At Least Two Tests Done By Student As A Case Work Up
Portfolio entries required	1. Documentation Of Worked Up Cases 2. Documentation Of Presentation Done
Log book entry required	Completion Of Posting Signed By Preceptor With A “Meets Expectation ‘(M)’ Grade”
Assessment	Formative: Attendance; Day-To-Day Participation In Departmental Activity; Performance Of Assigned Tasks And Presentation Of Worked Up Case In Department
Other comments	

Elective 2: Correlation between Autonomic Function Tests and Diabetic Neuropathy

Name of Block	Block 1
Name of Elective	Correlation Between Autonomic Function Tests And Diabetic Neuropathy
Location of hospital Lab or research facility	Department Of Physiology, Research Lab, Jimsh Budge Budge
Name of internal preceptor(s)	Dr Sudakshina Chatterjee, Dr Saswati Ray, Dr Kaberi De
Name of external preceptor (if any)	
Learning objectives of elective	
Number of students that can be accommodated in this elective	
Prerequisites for elective	Basic Knowledge About Clinical Physiology
Learning Resources for students	1.To Learn The Method Of Performing Autonomic Function Tests. 2.To Enumerate The Indications Of Autonomic Function Tests 3.To Learn The Rationale Of Autonomic Function Tests 4.To Present The Correlation Between Autonomic Function Tests And Diabetic Neuropathy
List of activities in which the student will participate	4
Portfolio entries required	1. Documentation Of Worked Up Cases 2. Documentation Of Presentation Done
Log book entry required	Completion Of Posting Signed By Preceptor With A “Meets Expectation ‘(M)’ Grade”
Assessment	Formative: Attendance; Day-To-Day Participation In Departmental Activity; Performance Of Assigned Tasks And Presentation Of Worked Up Case In Department
Other comments	

Elective 3: Study of Hand Grip Strength and Its Association with BMI

Name of Block	Block 1
Name of Elective	Study Of Hand Grip Strength And Its Association With Bmi
Location of hospital Lab or research facility	Department Of Physiology, Research Lab, Jimsh
Name of internal preceptor(s)	Dr Sudakshina Chatterjee, Dr Debarati Chanda, Dr Debasis Pramanik
Name of external preceptor (if any)	
Learning objectives of elective	1.To Learn The Method Of Assessing Muscle Strength With Hand Grip Dynamometer. 2.To Learn About The Different Parts And Functioning Of Hand Grip Dynamometer. 3.To Learn The Method Of Assessing Bmi. 4.To Present The Association Between Bmi And Muscle Strength.
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Basic Knowledge About Clinical Physiology
Learning Resources for students	Guidelines Provided
List of activities in which the student will participate	1. Work Daily With A Supervisor In Observing, Assisting And Performing Hand Grip Dynamometry 2. Participate In Departmental Education Activities 3. Present At Least Two Tests Done By Student As A Case Work Up
Portfolio entries required	1. Documentation Of Worked Up Cases 2. Documentation Of Presentation Done
Log book entry required	Completion Of Posting Signed By Preceptor With A “Meets Expectation ‘(M)’ Grade”
Assessment	Formative: Attendance; Day-To-Day Participation In Departmental Activity; Performance Of Assigned Tasks And Presentation Of Worked Up Case In Department
Other comments	

Elective 4: Relation between R-R interval and Diabetic neuropathy

Name of Block	Block 1
Name of Elective	Relation Between R-R Interval And Diabetic Neuropathy
Location of hospital Lab or research facility	Department Of Physiology, Research Lab, Jimsh Budge Budge
Name of internal preceptor(s)	Dr Debasis Pramanik, Dr Kaberi De, Dr Aparajita Ray
Name of external preceptor (if any)	
Learning objectives of elective	1.To Learn The Method Of Recording Ecg. 2.To Learn About The Complications Of Diabetes Mellitus. 3.To Learn The Effect Of Respiration On Heart Rate And On Ecg. 4.To Present The Relation Between R-R Interval And Diabetic Neuropathy
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Basic Knowledge About Clinical Physiology

Learning Resources for students	Guidelines And Departmental Handbook Provided
List of activities in which the student will participate	1. Work Daily With A Supervisor In Observing, Assisting And Recording Ecg 2. Participate In Departmental Education Activities 3. Present At Least Two Tests Done By Student As A Case Work Up
Portfolio entries required	1. Documentation Of Worked Up Cases 2. Documentation Of Presentation Done
Log book entry required	Completion Of Posting Signed By Preceptor With A “Meets Expectation ‘(M)’ Grade”
Assessment	Formative: Attendance; Day-To-Day Participation In Departmental Activity; Performance Of Assigned Tasks And Presentation Of Worked Up Case In Department
Other comments	

DEPARTMENT OF BIOCHEMISTRY

Elective 1: L J –Chart Monitoring

Name of Block	Block 1
Name of Elective	L J –Chart Monitoring
Location of hospital Lab or research facility	Department of Biochemistry , Clinical Laboratory
Name of internal preceptor(s)	DR.IPSITA MAJUMDAR DR.MAITRAYEE BASU DR.NASIM AKHTAR DR.PALLAB BERA
Name of external preceptor (if any)	N.A
Learning objectives of elective	1. Reading of L.J Chart 2. Quality Control Assessment
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Basic Knowledge on Clinical Biochemistry and Basic Laboratory Management should be completed.
Learning Resources for students	Departmental Handbook Provided.
List of activities in which the student will participate	1. Daily Supervising Of L-J Chart in the clinical Laboratory. 2. Update the value of L-J Chart and Documentation. 3. Participation on Departmental Activities.
Portfolio entries required	
Log book entry required	Successful Completion Of The Posting as certified in the logbook with a “Meets Expectation M grade.
Assessment	Formative Attendance Day-To-Day Participation of Departmental

	Activities.
Other comments	

Elective 2: Electrophoretic Slide Preparation Of Multiple Myeloma and Kidney Disease Patient

Name of Block	Block 1
Name of Elective	Electrophoretic Slide Preparation Of Multiple Myeloma and Kidney Disease Patient
Location of hospital Lab or research facility	Department Of Biochemistry , JIMS
Name of internal preceptor(s)	1. DR.SANTA SAHA 2. DR.ADITI SAHA 3. DR.NASIM AKHTAR 4. DR.DEBABRATA ROY
Name of external preceptor (if any)	N.A
Learning objectives of elective	1. Preparation Of Gel . 2. Buffer Preparation . 3. Preparation of Slide. 4. Interpretation of the results.
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Basic Knowledge on Clinical Biochemistry and Basic Laboratory Management should be completed.
Learning Resources for students	Departmental Handbook Provided
List of activities in which the student will participate	1. Work daily under the supervisor. 2. Participation On Departmental Activities .
Portfolio entries required	
Log book entry required	Successful Completion Of The Posting as certified in the logbook with a “ Meets Expectation M grade.
Assessment	Formative Attendance Day To Day Participation of Departmental Activities
Other comments	

DEPARTMENT OF PATHOLOGY**Elective 1: Biopsy specimen handling in Pathology Lab**

Name of Block	Block 1
Name of Elective	Biopsy specimen handling in Pathology Lab
Location of hospital Lab or research facility	Central Lab, JIMSH
Name of internal preceptor(s)	Dr. D. Pal, Associate Professor, Pathology Dept.
Name of external preceptor (if any)	Nil
Learning objectives of elective	To know how to receive a biopsy specimen coming in the Lab. Recording of details of pt. & tests. To note whether the specimen is in preservative or not. Transfer the specimen to area of processing of specimen. Steps required to process the specimen.
Number of students that can be accommodated in this elective	5-6 students.
Prerequisites for elective	Immunization against Hepatitis B virus.

Learning Resources for students	Practical text book.
List of activities in which the student will participate	Work daily in the tissue reception area. Observe, assist & finally perform the steps as followed by Seniors/ Supervisor in specimen handling.
Portfolio entries required	Documentation of cases handled. Documentation of presentation done.
Log book entry required	Completion of posting to be signed by Preceptor with a “meet expectation” (M) grade.
Assessment	Formative – daily attendance. Day-to-day participation in departmental activities. Performance of assigned tasks and presentation of worked up case in the department.
Other comments	

Elective 2: Collection & handling of blood sample

Name of Block	Block 1
Name of Elective	Collecton & handling of blood sample
Location of hospital Lab or research facility	Central Lab, JIMSH
Name of internal preceptor(s)	Dr. Soumik Sarkar, Assistant professor, Pathology Dept.
Name of external preceptor (if any)	Nil
Learning objectives of elective	<ol style="list-style-type: none"> 1. To know nature & material required for the test. 2. To know procedure of blood collection smear preparation. 3. Patients’ details are to be noted. 4. Blood sample to be sent to central lab for further processing.
Number of students that can be accommodated in this elective	5-6 students.
Prerequisites for elective	To come with Apron, gloves .
Learning Resources for students	Guidance from trained technicians/ seniors/ Preceptor. Practical text book.
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Work daily in the blood sample reception area. 2. To observe & analyse the requisitions coming from wards/ OPDs. 3. Collection of blood sample, smear preparation. 4. Staining of smears & run blood in automated cell counter. 5. To ask Seniors/ Preceptor in difficult cases e.g. children.
Portfolio entries required	<ol style="list-style-type: none"> 1. Documentation of requisitions handled. 2. Documentation of presentation done.
Log book entry required	Completion of posting to be signed by Preceptor with a “meet expectation” (M) grade.
Assessment	Formative – daily attendance. Day-to-day participation in departmental activities. Performance of assigned tasks and presentation of worked up case in the department.
Other comments	

Elective 3: Histopathological technique

Name of Block	Block 1
Name of Elective	Histopathological technique
Location of hospital Lab or research facility	Central Lab, JIMSH
Name of internal preceptor(s)	Dr. M. Mallik, Associate Professor, Pathology Dept.
Name of external preceptor (if any)	Nil
Learning objectives of elective	5. To know that the sample is in proper fixative. 6. To know different steps done in tissue processing. 7. To know the significance of various steps. 8. Patients' details are to be noted.
Number of students that can be accommodated in this elective	5-6 students.
Prerequisites for elective	Vaccination against Hepatitis B virus.
Learning Resources for students	Guidance from seniors/ Preceptor. Practical text book.
List of activities in which the student will participate	6. Work daily in the tissue reception area. 7. To observe, assist & perform the tissue processing done in lab. 8. To ask Seniors/ Preceptor about further correction.
Portfolio entries required	3. Documentation of cases which were handled by him. 4. Documentation of presentation done.
Log book entry required	Completion of posting to be signed by Preceptor with a "meet expectation" (M) grade.
Assessment	Formative – daily attendance. Day-to-day participation in departmental activities. Performance of assigned tasks and presentation of worked up case in the department.
Other comments	

Elective 4: Exposure to cytological Lab –FNAC & Exfoliative cytology

Name of Block	Block 1
Name of Elective	Exposure to cytological Lab –FNAC & Exfoliative cytology
Location of hospital Lab or research facility	Central Lab, JIMSH

Name of internal preceptor(s)	Dr. S. Sarkar, Tutor, Pathology Dept.
Name of external preceptor (if any)	Nil
Learning objectives of elective	9. To know the different types of sample required for cytological study. 10. To know different tests that are performed in cytology sample. 11. To know the significance of various tests that are done in cytology sample. . 12. Participate in tests performed in the lab.
Number of students that can be accommodated in this elective	5-6 students.
Prerequisites for elective	Vaccination against Hepatitis B virus.
Learning Resources for students	Guidance from seniors/ Preceptor. Practical text book.
List of activities in which the student will participate	9. Work daily in the sample reception area. 10. To observe, assist & perform the tests in the supplied sample. 11. To ask Seniors/ Preceptor about further information wherever required.
Portfolio entries required	5. Documentation of cases which were handled by him. 6. Documentation of presentation done.
Log book entry required	Completion of posting to be signed by Preceptor with a “meet expectation” (M) grade.
Assessment	Formative – daily attendance. Day-to-day participation in departmental activities. Performance of assigned tasks and presentation of worked up case in the department.
Other comments	

Elective 5: CPC (Clinico-pathological correlation) – its importance for better approach to patients

Name of Block	Block 1
Name of Elective	CPC (Clinico-pathological correlation) – its importance for better approach to patients
Location of hospital Lab or research facility	Central Lab, JIMSH
Name of internal preceptor(s)	Dr. P.C.Paul, Professor & HOD, Pathology Dept.
Name of external preceptor (if any)	Nil
Learning objectives of elective	13. To know basis/ significance of CPC. 14. To know details of tests & pts. Clinical findings. 15. Participate in CPC (may be mock) in the Lab along with pt.’s history.

Number of students that can be accommodated in this elective	5-6 students.
Prerequisites for elective	Nothing specific
Learning Resources for students	Guidance from seniors/ Preceptor. Interaction with colleagues in clinical departments.
List of activities in which the student will participate	12. Work daily in the Lab & note different tests done. 13. To observe & participate in CPC that may be held during his tenure.
Portfolio entries required	7. Documentation of cases where participated in CPC. 8. Documentation of presentation done.
Log book entry required	Completion of posting to be signed by Preceptor with a “meet expectation” (M) grade.
Assessment	Formative – daily attendance. Day-to-day participation in departmental activities. Performance of assigned tasks and presentation of worked up case in the department.
Other comments	

DEPARTMENT OF MICROBIOLOGY

Elective 1: ASSESSMENT OF BIOFILM FORMING ABILITY OF BACTERIUM ISOLATED FROM HOSPITALIZED CASES OF UTI

Name of Block	Block 1
Name of Elective	Assessment Of Biofilm Forming Ability Of Bacterium Isolated From Hospitalized Cases Of Uti
Location of hospital Lab or research facility	Dept. Of Microbiology, Jimsh
Name of internal preceptor(s)	Dr. Nishith Kumar Pal Dr. Nibedita Debnath
Name of external preceptor (if any)	N/A
Learning objectives of elective	1.How To Do Bacterial Culture Of Urine Sample 2.How To Identify The Isolate 3.How To Carry Out The Experiment For Biofilm Production Ability For A Bacterium.
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Good Clinical Practice, Good Laboratory Practice
Learning Resources for students	1. Topley And Wilson’s 2. Koneman
List of activities in which the student will participate	1. Work Under Supervision And Participate In Isolation Of Bacteria 2. Identification Of Bacteria 3. Experiments For Production Of Biofilm In-Vitro. 4. Write Abstract Of Work Done

	5. Present Abstract In An Internal Meeting
Portfolio entries required	Laboratory Notes Abstract Written
Log book entry required	Satisfactory Completion Of Posting With A “Meets Expectation (M) Grade
Assessment	Attendance Successful Completion Of Research Log Book Entry.
Other comments	

Elective 2: SENTINAL SURVEILLANCE FOR HBSAG RATE AMONGEST BLOODBANK.

Name of Block	Block 1
Name of Elective	Sentinal Surveillance For Hbsag Rate Amongest Bloodbank.
Location of hospital Lab or research facility	Dept. Of Microbiology, Jimsh
Name of internal preceptor(s)	Dr. Nishith Kumar Pal Miss. Moutusi Dey
Name of external preceptor (if any)	N/A
Learning objectives of elective	1. To Learn How To Perform Sentinal Surveillance 2. To Demonstrate The Hbsag Positivity Rate Amongst Blood Donors.
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Access To Hospital Resources
Learning Resources for students	1. Topley And Wilson’s 2. Koneman
List of activities in which the student will participate	1. Collection Of Relevant Data For Last 5 Years From Hospital Medical Record Department. 2. Compilation And Analysis Of Data.
Portfolio entries required	Documentation Of The Surveillance Documentation Of Presentation Done
Log book entry required	Satisfactory Completion Of Posting With A “Meets Expectation (M) Grade
Assessment	Attendance Day-To-Day Participation In Departmental Activity. Performance Of Assigned Tasks And Presentation Of The Compiled And Analysed Data.
Other comments	

Elective 3: POINT PREVALENCE OF PATHOGENS CARRIAGE RATE ON INUSE STETHOSCOPE IN JIMSH

Name of Block	Block 1
Name of Elective	Point Prevalence Of Pathogens Carriage Rate On Inuse Stethoscope In Jimsh
Location of hospital Lab or research facility	Dept. Of Microbiology, Jimsh
Name of internal preceptor(s)	Dr. Nishith Kumar Pal Mr. Aditya Tiwari

Name of external preceptor (if any)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. To Learn About Statistics Regarding Prevalence 2. To Learn About Sample Size Of A Study 3. Microbiological Methods To Isolate And Identify The Bacteria From A Given Surface
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Good Clinical Practice, Good Laboratory Practice
Learning Resources for students	<ol style="list-style-type: none"> 1. Mackie McCartney 2. Topley And Wilson's 3. Koneman
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Sample Collection 2. Isolation Of Pathogens By Culture And Identification 3. Data Compilation And Analysis
Portfolio entries required	Documentation Of Worked Up Cases Documentation Of Presentation Done
Log book entry required	Satisfactory Completion Of Posting With A "Meets Expectation (M) Grade
Assessment	Attendance Successful Completion Of Research Objectives Log Book Entry. Presentation In An Internal Departmental Meeting
Other comments	

Elective 4: FORMATION OF BIOFILM ON URINARY TRACT CATHETER IN IN- VITRO EXPERIMENT.

Name of Block	Block 1
Name of Elective	To Know The Time Period Required For Formation Of Biofilm On Urinary Tract Catheter In In- Vitro Experiment.
Location of hospital Lab or research facility	Dept. Of Microbiology, Jimsh
Name of internal preceptor(s)	Dr. Nishith Kumar Pal Dr. Robert Priscilla
Name of external preceptor (if any)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1.To Formulate An Experimental Design 2.Maintain Given Bacterial Culture 3. To Learn How To Carry Out An Experiment On Biofilm Production.
Number of students that can be accommodated in this elective	2
Prerequisites for elective	<ol style="list-style-type: none"> 1. Co-Operation Of Clinicians 2. Media And Reagents For Growth And Identification Of Bacteria. 3. Good Clinical Practice 4. Good Laboratory Practice
Learning Resources for students	<ol style="list-style-type: none"> 1. Topley And Wilson's 2. Koneman 3. Mackie McCartney
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. To Learn The Culture Techniques. 2. Identification Of Bacteria. 3. Compilation And Analysis Of Data.
Portfolio entries required	Laboratory Notes Abstract Created
Log book entry required	Satisfactory Completion Of Posting With A

	“Meets Expectation (M) Grade
Assessment	Attendance Successful Completion Of Research Objectives Log Book Entry. Presentation Of The Worked Up Cases
Other comments	

Elective 5: WASTE AUDIT IN JIMSH

Name of Block	Block 1
Name of Elective	Waste Audit Of A Given Month In Jimsh
Location of hospital Lab or research facility	Dept. Of Microbiology, Jimsh
Name of internal preceptor(s)	Prof.(Dr.) Nishith Kumar Pal Prof.(Dr.) Syamal Modi
Name of external preceptor (if any)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. To Understand Hospital Waste Management Process 2. To Learn A Modal Surveillance On Knowledge, Attitude, Behaviour Of Hcw 3. To Learn About Data Collection, Compilation And Analysis.
Number of students that can be accommodated in this elective	2
Prerequisites for elective	1. Permission From Msvp/Princvial
Learning Resources for students	<ol style="list-style-type: none"> 1. Topley And Wilson’s 2. Koneman 3. Mackie Mccartney
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Preparation Of The Module For Audit Of Wastes At Temporary And Final Collection Area. 2. Data Collection, Compilation And Analysis
Portfolio entries required	Laboratory Notes Work Book Entries
Log book entry required	Satisfactory Completion Of Posting With A “Meets Expectation (M) Grade
Assessment	Attendance Successful Completion Of Research Objectives Log Book Entry.
Other comments	

Elective 6: SURVELLENCE ON MAGNITUDE OF AIR BORNE BACTERIA IN ICU & OBG OT

Name of Block	Block 1
Name of Elective	Survellence On Magnitude Of Air Borne Bacteria In Icu & Obg Ot
Location of hospital Lab or research facility	Dept. Of Microbiology, Jimsh
Name of internal preceptor(s)	Prof. (Dr.) Nishith Kumar Pal Prof.(Dr.) Syamal Modi

Name of external preceptor (if any)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. To Generate Data About The Magnitude Of Air Borne Bacteria In Icu &Obg Ot Towards Planning Of Infection Control. 2. To Learn About Collection Of Relevant Samples And Its Microbiological Processing.
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Good Clinical Practice, Good Laboratory Practice
Learning Resources for students	<ol style="list-style-type: none"> 3. Topley And Wilson's 4. Koneman 5. Mackie McCartney
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Media Preparation 2. Sample Collection 3. Participation In Culture And Identification Of The Isolates 4. Data Processing
Portfolio entries required	Laboratory Notes Abstract Created Documentation Of Presentation
Log book entry required	Satisfactory Completion Of Posting With A "Meets Expectation (M) Grade
Assessment	Attendance Presentation Of The Work Log Book Entry.
Other comments	

Elective 7: THE ACTIVE SURVILLANCE FOR SSI AND INVOLVE BACTERIAL AGENTS IN JIMSH

Name of Block	Block 1
Name of Elective	The Active Surveillance For Ssi And Involve Bacterial Agents In Jimsh
Location of hospital Lab or research facility	Dept. Of Microbiology, Jimsh
Name of internal preceptor(s)	Dr. Nishith Kumar Pal Dr. Robert Priscilla
Name of external preceptor (if any)	N/A
Learning objectives of elective	<ol style="list-style-type: none"> 1. To Learn The Bacterial Association With Surgical Site Infection. 2. To Perform The Antimicrobial Sensitivity Of The Isolates
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Good Clinical Practice, Good Laboratory Practice
Learning Resources for students	Topley And Wilson's Koneman Mackie McCartney
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Media Preparation 2. Sample Collection 3. Participation In Culture And

	Identification Of The Isolates 4. Data Processing
Portfolio entries required	Laboratory Notes Presentation Done
Log book entry required	Satisfactory Completion Of Posting With A “Meets Expectation (M) Grade
Assessment	Attendance Day-To-Day Participation In Departmental Activity. Performance Of Assigned Tasks And Presentation Of The Worked Up Cases
Other comments	

Elective 8: INCIDENCE OF ESBL PRODUCING AMONG THE ENTEROBACTERIAL INFECTION IN JIMSH.

Name of Block	Block 1
Name of Elective	Incidence Of Esbl Producing Among The Enterobacterial Infection In Jimsh.
Location of hospital Lab or research facility	Dept. Of Microbiology, Jimsh
Name of internal preceptor(s)	Dr. Nishith Kumar Pal Dr. Nibedita Debnath
Name of external preceptor (if any)	N/A
Learning objectives of elective	1. To Learn What Is Esbl. 2. To Learn How To Carryout Screening Test To Detect Esbl.
Number of students that can be accommodated in this elective	2
Prerequisites for elective	Good Clinical Practice, Good Laboratory Practice
Learning Resources for students	1. Topley And Wilson’s 2. Koneman
List of activities in which the student will participate	5. Media Preparation 6. Sample Collection 7. Participation In Culture And Identification Of The Isolates 8. Antimicrobial Susceptibility Testing 9. Data Processing
Portfolio entries required	Documentation of Worked Up Cases Documentation of Presentation Done
Log book entry required	Satisfactory Completion Of Posting With A “Meets Expectation (M) Grade
Assessment	Attendance Day-To-Day Participation In Departmental Activity Performance Of Assigned Task Presentation Of The Work In Department
Other comments	

DEPARTMENT OF PHARMACOLOGY

Elective 1: Research (preceptor initiated) Drug Utilization Study in patients of hypertension attending medicine OPD in a tertiary care setup.

Name of Block	Block 1
Name of Elective	Research (preceptor initiated) Drug Utilization Study in patients of hypertension

	attending medicine OPD in a tertiary care setup.
Location of hospital Lab or research facility	Department of Pharmacology, Department of Medicine - Medical College Hospital, JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. Paramita Pal , Dr. Sughandha Garg, Dr. Pradipta Das, Dr.Subhadeep Patra, ,
Name of external preceptor (if any)	N.A.
Learning objectives of elective	<ol style="list-style-type: none"> 1. To collect data as prescribed in study protocol 2. To document data in the electronic case record correctly 3. To demonstrate the use of statistical software to do basic research calculations 4. To write an abstract based on collected data 5. To present abstract to a group of peers and supervisors
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Necessary immunisations.
Learning Resources for students	<ol style="list-style-type: none"> 1. Indian Journal of Pharmacology 2. Indian journal of clinical cardiology 3. Indian Heart journal 4. Related articles provided by department
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Work with superior to in making observations, collect data and document as per protocol 2. Work with statistician to provide the statistical analysis of the data 3. Write abstract of work done 4. Participate in research meetings of department, internal and external meetings 5. Present abstract in an internal , meeting and if possible at an external meeting as a poster or oral presentation.
Portfolio entries required	Statistical worksheet, Abstract created
Log book entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	<ol style="list-style-type: none"> 1. Attendance 2. successful verification of required portfolio entries 3. Successful completion of posting as certified in log book with a “meet expectation” M grade.
Other comments	

Elective 2: Research (preceptor initiated) Drug Utilization Study in patients of Diabetes Mellitus attending Medicine OPD in a tertiary care setup.

Name of Block	Block 1
Name of Elective	Research (preceptor initiated) Drug Utilization Study in patients of Diabetes Mellitus attending Medicine OPD in a tertiary care setup.
Location of hospital Lab or research facility	Department of Pharmacology, Department of Medicine - Medical College Hospital, JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. Pradipta Das , Dr.Subhadeep Patra, Dr. Paramita Pal, Dr. Sughandha Garg,
Name of external preceptor (if any)	N.A.
Learning objectives of elective	<ol style="list-style-type: none"> 6. To collect data as prescribed in study protocol 7. To document data in the electronic case record correctly 8. To demonstrate the use of statistical software to do basic research calculations 9. To write an abstract based on collected data 10. To present abstract to a group of peers and

	supervisors
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Necessary immunisations.
Learning Resources for students	5. Indian Journal of Pharmacology 6. Indian journal of endocrinology and metabolism 7. Related articles provided by department
List of activities in which the student will participate	6. Work with superior to in making observations, collect data and document as per protocol 7. Work with statistician to provide the statistical analysis of the data 8. Write abstract of work done 9. Participate in research meetings of department, internal and external meetings 10. Present abstract in an internal, meeting and if possible at an external meeting as a poster or oral presentation.
Portfolio entries required	Statistical worksheet, Abstract created
Log book entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	4. Attendance 5. successful verification of required portfolio entries 6. Successful completion of posting as certified in log book with a “meet expectation” M grade.
Other comments	

Elective 3: Pharmacovigilance (project) Identifying, Recording and reporting ADRs in a tertiary care setup and uploading the collected data to IPC database by Vigiflow software.

Name of Block	Block 1
Name of Elective	Pharmacovigilance (project) Identifying, Recording and reporting ADRs in a tertiary care setup and uploading the collected data to IPC database by Vigiflow software.
Location of hospital Lab or research facility	Medical College Hospital, JIMSH, Budge Budge
Name of internal preceptor(s)	Dr.Subhadeep Patra , Dr. Paramita Pal, Dr. Sughandha Garg, Dr. Pradipta Das
Name of external preceptor (if any)	N.A.
Learning objectives of elective	11. To identify Adverse Drug reactions 12. To collect the data from patients and patient’s clinical notes and laboratory reports. 13. To report the ADR to AMC by ADR reporting form. 14. Uploading the data in Vigiflow software.
Number of students that can be accommodated in this elective	4
Prerequisites for elective	Necessary immunisations.
Learning Resources for students	8. Pharmacovigilance Guidance Document – CDSCO 9. ADR reporting form
List of activities in which the student will participate	11. Work with superior to collect data form patients and patient clinical notes. 12. Filling up of ADR reporting Form.

	13. Basic idea about how VIGIFLOW software. 14. Entering data in Vigiflow software under supervision.
Portfolio entries required	Documentation of worked up cases.
Log book entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	7. Attendance 8. successful verification of required portfolio entries 9. Successful completion of posting as certified in log book with a “meet expectation” M grade.
Other comments	

Elective 4: Research (preceptor initiated) Drug Utilization study in patients of DS and DR Tb attending NTEP clinic in a tertiary care setup.

Name of Block	Block 1
Name of Elective	Research (preceptor initiated) Drug Utilization study in patients of DS and DR Tb attending NTEP clinic in a tertiary care setup.
Location of hospital Lab or research facility	Department of Pharmacology, Department of Medicine - Medical College Hospital, JIMSH, Budge Budge
Name of internal preceptor(s)	Dr. Sughandha Garg , Dr. Pradipta Das, Dr.Subhadeep Patra, Dr. Paramita Pal,
Name of external preceptor (if any)	N.A.
Learning objectives of elective	15. To collect data as prescribed in study protocol 16. To document data in the electronic case record correctly 17. To demonstrate the use of statistical software to do basic research calculations 18. To write an abstract based on collected data 19. To present abstract to a group of peers and supervisors
Number of students that can be accommodated in this elective	5
Prerequisites for elective	Necessary immunisations.
Learning Resources for students	10. Indian Journal of Pharmacology 11. Related articles provided by department
List of activities in which the student will participate	15. Work with superior to in making observations, collect data and document as per protocol 16. Work with statistician to provide the statistical analysis of the data 17. Write abstract of work done 18. Participate in research meetings of department, internal and external meetings 19. Present abstract in an internal ,meeting and if possible at an external meeting as a poster or oral presentation.
Portfolio entries required	Statistical worksheet, Abstract created
Log book entry required	Satisfactory completion of posting authenticated by preceptor
Assessment	10. Attendance

	11. successful verification of required portfolio entries 12. Successful completion of posting as certified in log book with a “meet expectation” M grade.
Other comments	

DEPARTMENT OF FORENSIC MEDICINE

Elective 1: Poisoning Profile of patients admitted and attending casualty/OPD in JIMSH

Name of Block	Block 1
Name of Elective	Poisoning Profile of patients admitted and attending casualty/OPD in JIMSH
Location of hospital Lab or research facility	Wards OPD and Casualty
Name of internal preceptor(s)	Prof Tapas Kumar Bose
Name of external preceptor (if any)	Dr Swapan Sarkar HOD, Medicine
Learning objectives of elective	Types of poisoning Nature effects ,Socio medicolegal and ethical issues
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge of Toxicological investigation and epidemiological study
Learning Resources for students	Patients, Relatives, Friends and Police
List of activities in which the student will participate	Take the history, Collection of data by pretested validated question scales follow up Medico legal Reporting Collection of evidences
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps in clinical exposure to toxicology Reporting and Collection of evidences

Elective 2: Trauma Profile of patients attending JIMSH

Name of Block	Block 1
Name of Elective	Trauma Profile of patients attending JIMSH
Location of hospital Lab or research facility	Wards OPD and Casualty
Name of internal preceptor(s)	Prof Tapas Kumar Bose
Name of external preceptor (if any)	Dr Manju Banerjee HOD, Surgery
Learning objectives of elective	Types of Injuries Nature effects ,Socio medico legal and ethical issues
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge of Trauma investigation and epidemiological study
Learning Resources for students	Patients, Relatives, Friends and Police
List of activities in which the student will participate	Take the history, Collection of data by pretested validated question scales follow up Medico legal reporting
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps in clinical exposure to injury cases and medico legal reporting

Elective 3: Age estimation of age of child group by Examination of eruption of teeth

Name of Block	Block 1
Name of Elective	Age estimation of age of child group by Examination of eruption of teeth
Location of hospital Lab or research facility	OPD and Wards
Name of internal preceptor(s)	Prof Tapas Kumar Bose
Name of external preceptor (if any)	Dr Gargi Chaudhuri Dr Siladitya Sen, Dept of Dentistry
Learning objectives of elective	Study of dentition in relation to eruption and the age
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge of Dentition, identification of tooth and epidemiological study
Learning Resources for students	Child ,Relatives,
List of activities in which the student will participate	Take the history, Collection of data by pretested validated question scales follow up Medico legal reporting
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps in clinical exposure to age estimation and medicolegal reporting

Elective 4: Age estimation of age of child group by Radiology

Name of Block	Block 1
Name of Elective	Age estimation of age of child group by Radiology
Location of hospital Lab or research facility	OPD and Wards
Name of internal preceptor(s)	Prof P Vidyasagar
Name of external preceptor (if any)	Prof J.K.De , Dept of Radio diagnosis
Learning objectives of elective	Study of X ray plates for appearance and fusion of centres and the age
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge of Appearance and fusion of epiphysis and diaphysis of bones in relation to age, and epidemiological study
Learning Resources for students	Child ,Relatives,
List of activities in which the student will participate	Take the history, Collection of data by pretested validated question scales follow up Medicolegal reporting
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps in clinical exposure to age estimation and medicolegal reporting

Elective 5: Patient Satisfaction and feedback study

Name of Block	Block 1
Name of Elective	Patient Satisfaction and feedback study
Location of hospital Lab or research facility	OPD and Wards Labs Radiology
Name of internal preceptor(s)	Prof P Vidyasagar
Name of external preceptor (if any)	Dr Debayan Mallik Dept of CM
Learning objectives of elective	Study Feedback for prospective litigations ,lacunae and deficiency as observed by users
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge of Hospital facilities and communication skill
Learning Resources for students	Patients ,Relatives, friends
List of activities in which the student will participate	Take the history, Collection of data by pretested validated question scales bias correction reporting follow up
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps to develop communication and management Skill and improvement of services

Elective 6: Death audit

Name of Block	Block 1
Name of Elective	Death audit
Location of hospital Lab or research facility	Wards and casualty
Name of internal preceptor(s)	Prof P Vidyasagar
Name of external preceptor (if any)	Dr Sushanta Bhanja
Learning objectives of elective	Study Feedback for prospective litigations ,lacunae and deficiency as observed by users
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge of death
Learning Resources for students	Clinician Nursing station
List of activities in which the student will participate	Take the history, Collection of data by pretested validated question scales bias correction reporting follow up
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps to develop communication Skill and improvement of services and mortality profile

Elective 7: Detection of trace evidences

Name of Block	Block 1
Name of Elective	Detection of trace evidences
Location of hospital Lab or research facility	Laboratory
Name of internal preceptor(s)	Dr Alakesh Halder Asst. Professor
Name of external preceptor (if any)	Nil
Learning objectives of elective	Different techniques for detection both qualitative and quantitative of trace evidences Blood, Semen, Saliva, Hair etc
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge of lab techniques and result estimation
Learning Resources for students	Forensic science books
List of activities in which the student will participate	Collection of evidences in real scenario how to collect, transport preparation for test and test procedure and interpretation of result
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps to develop collection and testing of evidences

Elective 8: Determination of Stature from body parts

Name of Block	Block 1
Name of Elective	Determination of Stature from body parts
Location of hospital Lab or research facility	Dept and Hostel
Name of internal preceptor(s)	Dr Alakesh Haldar Asst. Professor
Name of external preceptor (if any)	Nil
Learning objectives of elective	Different techniques to find out stature and ratio of some body parts like length of foot and stature
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge of lab anthropometry
Learning Resources for students	Anthropology books
List of activities in which the student will participate	Measure foot length, or length of ear etc and stature of good number of volunteers and try to find a ratio
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps to develop anthropometric skill

Elective 9: Estimation of stress among medical students

Name of Block	Block 1
Name of Elective	Estimation of stress among medical students
Location of hospital Lab or research facility	Dept and Hostel
Name of internal preceptor(s)	Dr Choitali Goswami Asst. Professor
Name of external preceptor (if any)	Dr Ambarish Ghosh, Deptt of Psychiatry
Learning objectives of elective	Stress pattern of Medical Students in different batches having different time frame like pre and post exam
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge and skill of assessment
Learning Resources for students	Books and internet
List of activities in which the student will participate	Take the history, Collection of data by pretested validated question scales bias correction data presentation Reporting
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce, Group discussion
Other comments	Helps to develop communication skill and epidemiological data collection and interpretation

Elective 10: MTP profile of patients attending of JIMSH

Name of Block	Block 1
Name of Elective	MTP profile of patients attending of JIMSH
Location of hospital Lab or research facility	OPD and Indoor
Name of internal preceptor(s)	Dr Choitali Goswami Asst. Professor
Name of external preceptor (if any)	Dr Malabika Mishra Dept of G&O
Learning objectives of elective	Types of MTP Nature, effects ,Socio medico legal and ethical issues
Number of students that can be accommodated in this elective	5-6
Prerequisites for elective	Knowledge and skill of assessment
Learning Resources for students	Books and internet
List of activities in which the student will participate	Take the history, Collection of data by pretested validated question scales bias correction data presentation Reporting
Portfolio entries required	yes
Log book entry required	yes
Assessment	Presentation in Seminar, Viva voce ,Group discussion
Other comments	Helps to develop communication skill and epidemiological data collection and interpretation