

## **I.T.S Centre for Dental Studies & Research**

### **Muradnagar Ghaziabad**

#### **OBJECTIVE STRUCTURED PRACTICAL EXAMINATION (OSPE)**

##### **POLICY FOR UNDERGRADUATE STUDENTS**

All the students, on very first day of their practical class will be briefed about the basic instruments to be procured during the entire year for their wax block carving activity along with the introduction to the oral histology through slide discussion, manual evaluation and exams.

Students will attend the practical class in the department thrice a week during their first and third year and 1 week during the clinical posting of the department, hence assessment of the students will be done on weekly basis.

#### **I BDS**

As per the first year, theory and practical internal exams are to be conducted thrice a year and students will be graded. Also, 1<sup>st</sup> year university marks are taken into account for assessing their learning skills.

Based on the assessment, students are graded as Slow and Fast learners.

Once the slow learners are identified, they are given additional practical and theoretical assignments. Additional one to one discussion along with extempore and seminars will be taken for the slow learners by their respective department mentors. One mentor is allotted for the student and his/her performance is assessed based on a regular basis.

Once the fast learners are identified, they are allowed to take projects of interested subject topics and they are also asked to make carving models of tooth. Quiz and debate competition are organized for students.

#### **III BDS**

In the third year, the students will be reassessed on the basis of their University performance in 1<sup>st</sup> and 2<sup>nd</sup> year, preclinical posting result of 2<sup>nd</sup> year and work done in 3<sup>rd</sup> year and they will be re-categorized in to slow and fast learners.

During the 3<sup>rd</sup> year, students will attend the clinical posting in the department on a weekly basis. They will be introduced towards the cytology and biopsy procedures, advanced microscopic techniques along with the hematological exercises such as hemoglobin, bleeding time and clotting time assessment. Demonstration of routine haematoxylin and eosin staining along with different special staining procedures during the clinical posting.

Also, the assessment of the students will be done on the basis of:

- The communication skills and behavior of the students
- Attendance
- Their involvement in the clinical posting work
- Performance of the student in their practical class
- Timely completion of the work assigned.

<b>Student Category</b>	<b>Identification</b>	<b>Proposed Actions</b>
<b>Slow learner</b>	Identified on the basis of University exam performance, attendance, Communication Skills and Behavior, Clinical posting work and end-posting vivas.	<ul style="list-style-type: none"> <li>• Individual attention to the student- one mentor is allotted from the department to the student and his or her performance will be monitored on a weekly basis</li> <li>• Both objective and subjective assignments will be given to the student to make him/her motivated</li> </ul>
<b>Fast Learners</b>	Identified on the basis of university exam performance, attendance, Communication Skills and Behavior, Clinical posting work and end-posting vivas.	<ul style="list-style-type: none"> <li>• Allowed to make models of interested subject topics</li> <li>• Quiz and debate competition can be organized for the students to enhance their subject knowledge and skill based upgradation.</li> </ul>

### **PRACTICAL COMPETENCY EXAM**

This would include evaluation of Technical and practical skills.

### **TECHNICAL SKILLS**

**Procedure:** Specific to each department

<b>SKILLS TO BE EVALUATED</b>	<b>ACTIVITY</b>	<b>SCORE</b>
-------------------------------	-----------------	--------------

<b>Chair side Non -invasive investigation</b>	Cytosmear preparation and PAP Staining	
	Swab culture	
	Vital Staining (Toluidine blue)	
<b>Chair side invasive investigation</b>	Hematology	
	Observation of Biopsy Procedure	
<b>Laboratory Procedure</b>	Grossing	
	Tissue processing	
	Routine H and E	
	Special Staining	
<b>Microscopy</b>	Routine light microscopy technique	
	Advanced Microscopy techniques	
<b>Advanced diagnostic Aid</b>	Demonstration of Immunohistochemistry technique	
	Demonstration of ELISA technique	

### **CLINICAL DIAGNOSTIC SKILL (BASED ON OSPE Evaluation)**

The pattern of OBJECTIVE STRUCTURED PRACTICAL EXAMINATION would include:

- Rotation of a student through a series of timed stations
- Each Station would present a specific clinical scenario

Each station would assess one or more areas of practical competence (for example, chair side non- invasive investigation, chair side invasive investigation, laboratory procedures, Routine and advanced microscopy, etc)

Students will also be assessed based on their end posting viva

#### **Criteria for scoring: Grade A- Excellent**

**Grade B-Average**

**Grade C- Requires improvement**

**Passing Criteria-**A student must obtain at least 3 ‘A grades’ and upto 3 ‘B grades’ to pass the competency exam. Obtaining even 1 ‘C Grade’ would lead to failing in the exam.

## **MINIMUM CLINICAL EXPERIENCE (MCE) AND CLINICAL COMPETENCY**

### **EXAMINATION (CCE)-4<sup>th</sup> YEAR BDS**

#### **POLICY FOR UNDERGRADUATE STUDENTS**

All the students, on very first day of clinical posting will be briefed about the policy, clinical work to be done in the Department, quota completion and clinical competency exams

Students are posted twice in each department for 3 weeks during their first posting and 1 week during the second posting in each of the departments, hence assessment of the students will be done on weekly basis.

#### **III BDS**

In the third year first posting, a pre-clinical viva before starting patient work will be conducted and students will be graded. Also, 2<sup>nd</sup> year university marks are taken into account for assessing their learning skills.

Based on the assessment, students are graded as Slow, Average and Fast learners.

Once the slow learners are identified, they are given additional clinical and theoretical assignments. Additional one to one discussion will be taken for the slow learners by their respective department mentors. Their progress is monitored on a regular basis and their co-mentors are informed at the end of their posting.

Once the fast learners are identified, they are guided towards attempting the clinical competency exam in the final year. They are also allowed for Postgraduate Case assistance in 3<sup>rd</sup> year after completion of their 3<sup>rd</sup> year quota.

#### **IV BDS**

In the final year first posting, the students will be reassessed on the basis of their University performance in 3<sup>rd</sup> year, End posting result of 3<sup>rd</sup> year and work done in 3<sup>rd</sup> year and they will be re-categorized in to slow, average and fast learners.

Also, in of the posting assessment of the students will be done on the basis of:

- The communication skills and behavior of the students
- Attendance
- Their involvement in the clinical work,
- Work ethics, sincerity
- Timely completion of the work assigned.

<b>Student</b>	<b>Identification</b>	<b>Proposed Actions</b>
----------------	-----------------------	-------------------------

Category		
<b>Slow learner</b>	Identified on the basis of University exam performance, attendance, Communication Skills and Behavior, Clinical interaction, patient work, end-posting vivas.	<ul style="list-style-type: none"> <li>• Additional clinical and theoretical assignments focusing on university practical and theory exams</li> <li>• Additional one to one discussions with department mentors and one postgraduate student to clear their theoretical and clinical concepts</li> <li>• Additional demonstrations if required</li> </ul>
<b>Fast Learners</b>	Identified on the basis of University exam performance, attendance, Communication Skills and Behavior, Clinical interaction, patient work, end-posting vivas.	<ul style="list-style-type: none"> <li>• Promotion on basis of Clinical Competency</li> <li>• Allowed additional Postgraduate Case assistance and conduction of advanced procedures of respective department under supervision</li> </ul>

### **CLINICAL COMPETENCY EXAM**

This would include evaluation of Technical and Clinical Diagnostic skills

### **TECHNICAL SKILLS**

**Procedure:** Specific to each department

SKILL TO BE EVALUATED	Patient Management	Sterilization	Posture and Dexterity	Clinical Expertise
SCORE				

### **CLINICAL DIAGNOSTIC SKILL (BASED ON OSCE Evaluation)**

The pattern of OBJECTIVE STRUCTURED CLINICAL EXAMINATION would include:

- Rotation of a student through a series of timed stations
- Each Station would present a specific clinical scenario

Each station would assess one or more areas of clinical competence (for example, history taking, radiographic examination, clinical examination, cast analysis, etc.)

**Criteria for scoring: Grade A- Approved**

**Grade B- Requires improvement**

**Grade C-Repeat**

**Passing Criteria-**

A student must obtain at least 3 'A grades' and upto 3 'B grades' to pass the competency exam. Obtaining even 1 'C Grade' would lead to failing in the exam.