

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Operative Dentistry VI
Course number	DENT5154
Faculty	
Department	
Course type	Major Needs
Course level	5
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

1 - How to manage the Noncarious Cervical lesions
2 - Know the Classification , Clinical Features and Diagnosis Of Noncarious lesions
3 - Identify the Problems of Mutilation, Causes of Mutilation and Line of Treatment
4 - Understand the Criteria Of Successful Restorations
5 - How Are The Nanoproducts Made
6 - Uses of Laser in operative dentistry

#### Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> <li>* Discuss the Classification, Clinical Features , Diagnosis &amp; Preventive &amp; Restorative Management of noncarious lesions</li> <li>* Advantages, Disadvantages, Indication, Contraindications Of Pin retained Restorations</li> <li>* Discuss the Advantages, Disadvantages, Indication, Contraindications Of Post retained Restorations</li> <li>* Understand the Factors Affecting The Success Of Dental Restorations</li> <li>* Discuss the Laser Effects on Dental Hard Tissues</li> <li>* Precautions to be Taken While Using Lasers</li> </ul>
-----------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Course Contents

- 1 - Management of Non-Caries Lesions I
- 2 - Management of Non-Caries Lesions II
- 3 - Management of Mutilated Vital Tooth I
- 4 - Management of Mutilated Vital Tooth II
- 5 - Management of Mutilated Vital Tooth III
- 6 - Failure of Dental Restoration I
- 7 - Failure of Dental Restoration II
- 8 - Repair of Restorations I
- 9 - Repair of Restorations II
- 10 - Nanodentistry and its Applications I
- 11 - Nanodentistry and its Applications II
- 12 - Laser in Operative Dentistry I
- 13 - Laser in Operative Dentistry II

## Teaching and Learning Methods

- 1 - Powerpoint Lectures
- 2 - Assignments
- 3 - Discussion

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Mid- term exam	8th week	20%
Attendance & Activities	during semester	20%
Final exam	16th week	60%

## Books and References

Essential books	Sturdevants Art and Science of Operative Dentistry (Roberson, Sturdevants Art and Science of Operative Dentistry) by Theodore Roberson, Harold O. Heymann, and Edward J. Swift. 2006 Textbook of Operative Dentistry by Sharad Chandra and Sangita Chandra. 2008
Recommended books	Fundamentals of Operative Dentistry: A Contemporary Approach by James B. Summitt, J. William Robbins, Thomas J. Hilton, and Richard S. Schwartz. 2006