DEPARTMENT OF CONSERVATIVE AND ENDODONTICS
SURENDERA SENTAL COLLEGE AND RESEARCH INSTITUTE
THEORY SCHEDULE FOR **FINAL YEAR** BDS
ACADEMIC SESSION 2021-2022

Sno	Topic name	Faculty name	Hours Required
1.	Clinical Diagnosis	Dr Renu / Dr. Meenu	2
2.	Pulp Vitality Test	Dr Renu / Dr. Meenu	3
3.	Recent Advances	Dr Renu / Dr. Meenu	2
4.	Classification of Disease of Pulp	Dr Renu /Dr. Rohit	1
5.	Etiology of Disease of Pulp	Dr Renu /Dr. Rohit	1
6.	Acute Irriversible Disease of Pulp	Dr Renu /Dr. Rohit	1
7.	chronic Irriversible Disease of Pulp	Dr Renu /Dr. Rohit	2
8.	Classification of Disease of Periradicular Tissue	Dr Renu /Dr. Rohit	1
9.	Accute Periradicular diseases	Dr Renu /Dr. Rohit	1
10.	Chronic Periradicular diseases	Dr Renu /Dr. Rohit	1
11.	Discoloration of teeth	Dr Renu /Dr. Monika	1
12.	Vital Bleaching	Dr Renu /Dr. Monika	1
13.	Non vital Bleaching	Dr Renu /Dr. Monika	1
14.	Principle of endodontics Treatment	Dr Renu /Dr. Monika	2
15.	Pharmacology in endodontics	Dr Renu /Dr. Monika	1
16.	Microbiology in endodontics	Dr Renu /Dr. Monika	2
17.	Principal of culturing	Dr Renu /Dr. Monika	1
18.	Classification and etiology of Endo-perio lesions	Dr Renu /Dr. Monika	2
19.	Detail of Endo-perio lesions	Dr Renu /Dr. Monika	2
20.	Root canal Anatomy of maxilarry teeth	Dr Renu /Dr. Monika	1
21.	Root canal Anatomy of mandibulat teeth	Dr Renu /Dr. Monika	1
22.	Principal of Acess cavity preparation	Dr Renu /Dr. Rohit	1
23.	Acess cavity preparation in anterior teeth	Dr Renu /Dr. Rohit	1

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24.	Acess cavity preparation in posterior teeth	Dr Renu /Dr. Rohit	1
25.	Principal of Working length determination	Dr Renu /Dr. Rohit	1
26.	Different methods of Working length determination	Dr Renu /Dr. Rohit	2
27.	Apex locaters	Dr Renu /Dr. Rohit	1
28.	Introduction and classification of Endodontic instruments	Dr Renu /Dr. Rohit	1
29.	Hand operated Endodontic instruments	Dr Renu /Dr. Rohit	2
30.	Rotary Endodontic instruments	Dr Renu /Dr. Rohit	1
31.	Basic principal of Bio-mechanical preparation	Dr Renu /Dr. Rohit	1
32.	Different techniques of root canal preparation	Dr Renu /Dr. Rohit	2
33.	Recent advances in bio-mechanical preparation	Dr Renu /Dr. Rohit	2
34.	Endodontic irrigant	Dr Renu /Parul	2
35.	Intra canal medicaments	Dr Renu /Parul	2
36.	Obturation materials	Dr Renu /Parul	1
37.	Root canal sealer	Dr Renu /Parul	2
38.	Different Obturation technique	Dr Renu /Parul	2
39.	Recent advances in obturation	Dr Renu /Parul	2
40.	Classification of Traumatic injury of teeth	Dr Renu /Dr. Monika	1
41.	Management of Traumatic injury of teeth	Dr Renu /Dr. Monika	2
42.	Endodontic mishaps	Dr Renu /Dr. Monika	3
43.	Surgical endodontics	Dr Renu / Dr Neetu	2
44.	Peri apical surgery	Dr Renu / Dr Neetu	2
45.	Hemisection and Radisection	Dr Renu / Dr Neetu	2
46.	Intentional Replantation	Dr Renu / Dr Neetu	1
47.	Single visit RCT	Dr Renu / Dr Neetu	1
48.	Magnification in Endodontics	Dr Renu / Dr Neetu	1
49.	Root resorption	Dr Renu / Dr. Meenu	1
50.	Lasers in conservative endodontics [introduction only]	Dr Renu / Dr. Meenu	1

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	practice management		
51.	Professional association dentist act 1948 and its amendment 1993	Dr Renu / Dr. Meenu	1
52.	Duties towards the govt. like payments of professional tax, income tax	Dr Renu / Dr. Meenu	1
53.	Financial management of practice	Dr Renu / Dr. Meenu	1
54.	Dental material and basic equipment management	Dr Renu / Dr. Meenu	1
55.	Ethics	Dr Renu / Dr. Meenu	1

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DEPARTMENT OF CONSERVATIVE AND ENDODONTICS
SURENDERA SENTAL COLLEGE AND RESEARCH INSTITUTE
THEORY SCHEDULE FOR **THIRD YEAR** BDS
ACADEMIC SESSION 2021-2022

S.NO.	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Neetu /Dr.Parul	1
2.	Examination & Diagnosis	Dr. Neetu /Dr.Parul	1
3.	Diagnosis & treatment planning	Dr. Neetu /Dr.Parul	1
4.	Isolation in operative dentistry	Dr. Neetu /Dr.Parul	1
5.	Equipment needed for isolation	Dr. Neetu /Dr.Parul	1
6.	Methods Used for gingival tissue management	Dr. Neetu /Dr.Parul	2
7.	Introduction of cutting instruments and Hand cutting instruments	Dr. Neetu /Dr.Knika	2
8.	Rotary cutting instruments	Dr. Neetu /Dr.Knika	1
9.	Cavity design for class I amalgam	Dr. Neetu /Dr.Knika	1
10.	Cavity design for class II amalgam	Dr. Neetu /Dr.Knika	1
11.	Cavity design for class III,V and VI	Dr. Neetu /Dr.Knika	1
12.	Tooth colored Restorations	Dr. Neetu /Dr.Knika	2
13.	Recent advances in Tooth colored Restorations	Dr. Neetu /Dr.Knika	1
14.	Principles of Cast Restorations	Dr. Neetu /Dr.Bupesh	1
15.	Fabrication of wax patterns	Dr. Neetu /Dr.Bupesh	1
16.	Investment of wax patterns	Dr. Neetu /Dr.Bupesh	1

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17.	Casting procedures	Dr. Neetu /Dr.Bupesh	1
18.	Casting defect	Dr. Neetu /Dr.Bupesh	1
19.	Designs of tooth colored restorations	Dr. Neetu /Dr.Bupesh	1
20.	Additional conservative and esthetic treatments	Dr. Neetu /Dr.Bupesh	1
21.	Direct composite veneering	Dr. Neetu /Dr.Bupesh	2
22.	In Direct composite veneering	Dr. Neetu /Dr.Bupesh	1
23.	Pin retained Restorations	Dr. Neetu /Dr.Bupesh	2
24.	Factor affecting retention of pins	Dr. Neetu /Dr.Bupesh	1
25.	Introduction of Lasers in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
26.	Uses of Lasers in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
27.	Recent advancements in isolation	Dr. Neetu /Dr.Bupesh	1
28.	Adhesive dentistry	Dr. Neetu /Dr.Bupesh	1
29.	Dentin bonding agents	Dr. Neetu /Dr.Bupesh	1
30.	Recent advancement in adhesive dentistry	Dr. Neetu /Dr.Bupesh	1
31.	Pain management in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
32.	Die materials and preparation of dies.	Dr. Neetu /Dr.Knika	1
33.	Preventive Measures in Restorative Practice	Dr. Neetu /Dr.Knika	1
34.	Contact and contour of teeth	Dr. Neetu /Dr.Knika	1
35.	Temporisation and interim restoration..	Dr. Neetu /Dr.Knika	1
36.	Management of deep carious lesions	Dr. Neetu /Dr.Knika	1
37.	Non Carious Destruction's Tooth Structures	Dr. Neetu /Dr.Knika	2

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& RESEARCH INSTITUTE
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38.	Hyper Sensitive Dentine And Its Management	Dr. Neetu /Dr.Knika	2

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THEORY SCHEDULE FOR **SECOND YEAR** BDS
ACADEMIC SESSION 2021-2022

S.NO	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Monika/ Dr. kanika	1
2.	Tooth nomenclature	Dr. Monika/ Dr. kanika	2
3.	Dental caries-introduction	Dr. Monika/ Dr. kanika	1
4.	Dental caries-aetiology and diagnosis	Dr. Monika/ Dr. kanika	2
5.	Dental caries-histopathology	Dr. Monika/ Dr. kanika	1
6.	Dental caries-diet and caries	Dr. Monika/ Dr. kanika	1
7.	Dental caries-prevention and management	Dr. Monika/ Dr. kanika	1
8.	Dental caries-caries vaccine	Dr. Monika/ Dr. kanika	1
9.	Fundamentals of cavity preparation-introduction	Dr. Monika/ Dr. kanika	1
10.	Steps of cavity preparations	Dr. Monika/ Dr. kanika	4
11.	Recent in cavity prepartion	Dr. Monika/ Dr. kanika	1
12.	Cutting instruments - introduction	Dr. Monika/ Dr. kanika	1
13.	Hand cutting instruments	Dr. Monika/ Dr. kanika	3
14.	Rotary cutting instruments	Dr. Monika/ Dr. kanika	2
15.	Matricing-introduction and Classification	Dr. Monika/ Dr.Parul	1
16.	Types of matrices and its application	Dr. Monika/ Dr.Parul	2
17.	Tooth separation	Dr. Monika/ Dr.Parul	1
18.	Methods of tooth separation	Dr. Monika/ Dr.Parul	1
19.	Wedges and wedging technique	Dr. Monika/ Dr.Parul	1
20.	Composites-introduction	Dr. Monika/ Dr.Parul	1
21.	History and composition of composites	Dr. Monika/ Dr.Parul	1
22.	Classification of composites in detail	Dr. Monika/ Dr.Parul	2
23.	Recent advancement in	Dr. Monika/ Dr.Parul	2

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	composites		
24.	Properties of composites	Dr. Monika/ Dr.Parul	1
25.	Clinical technique for composite placement	Dr. Monika/ Dr.Parul	2
26.	Indirect restorations	Dr. Meenu/ Dr kanika	2
27.	Bonding agents –introduction	Dr. Meenu/ Dr kanika	1
28.	Enamel and dentin bonding	Dr. Meenu/ Dr kanika	1
29.	Smear layer	Dr. Meenu/ Dr kanika	1
30.	Classification of adhesive dentistry	Dr. Meenu/ Dr kanika	2
31.	Amalgam –introduction	Dr. Meenu/ Dr kanika	1
32.	Classification and composition of amalgam	Dr. Meenu/ Dr kanika	3
33.	Setting reaction and indications ,contraindications of amalgam	Dr. Meenu/ Dr kanika	2
34.	Recent advancements of amalgam	Dr. Meenu/ Dr kanika	1
35.	Failure and causes of failure for amalgam	Dr. Meenu/ Dr kanika	2
36.	Mercury hygiene recommendation and safety measures	Dr. Meenu/ Dr kanika	2
37.	Direct filling gold-introduction	Dr. Meenu/ Dr kanika	1
38.	Properties of DFG	Dr. Meenu/ Dr kanika	2
39.	Types of gold and forms of gold	Dr. Meenu/ Dr kanika	1
40.	Steps of direct filling gold restoration	Dr. Meenu/ Dr kanika	1
41.	Cements-introduction	Dr. Meenu/ Dr kanika	1
42.	Zinc oxide eugenol cement	Dr. Meenu/ Dr kanika	1
43.	Zinc phosphate cement	Dr. Meenu/ Dr kanika	1
44.	Zinc polycarboxylate cement	Dr. Meenu/ Dr kanika	1
45.	Silicate cement	Dr. Meenu/ Dr kanika	1
46.	Calcium hydroxide cement	Dr. Meenu/ Dr kanika	1
47.	Glass ionomer cement-introduction ,Classification,history and composition	Dr. Monika/ Dr. Bupesh	1
48.	Setting reactions,indications and contraindications Properties,	Dr. Monika/ Dr. Bupesh	1

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	Clinical steps for placement		
49.	Recent advancement in GIC	Dr. Monika/ Dr. Bupesh	1
50.	Pulp protection-introduction	Dr. Monika/ Dr. Bupesh	1
51.	Materials used for pulp protection and defence mechanism of pulp	Dr. Monika/ Dr. Bupesh	1
52.	Patient evaluation,diagnosis and treatment planning	Dr. Monika/ Dr. Bupesh	1
53.	Infection control	Dr. Monika/ Dr. Bupesh	1
54.	Gnathological concepts of restoration;	Dr. Monika/ Dr. Bupesh	1
55.	Physiology of occlusion,	Dr. Monika/ Dr. Bupesh	1
56.	Occlusal rehabilitation and restoration.	Dr. Monika/ Dr. Bupesh	1
57.	Normal occlusion	Dr. Monika/ Dr. Bupesh	1
58.	Ideal occlusion mandibular movements and occlusal analysis	Dr. Monika/ Dr. Bupesh	1

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THEORY SCHEDULE FOR **FINAL YEAR** BDS
ACADEMIC SESSION 2020-2021

Sno	Topic name	Faculty name	Hours Required
1.	Clinical Diagnosis	Dr Renu / Dr Meenal	2
2.	Pulp Vitality Test	Dr Renu / Dr Meenal	3
3.	Recent Advances	Dr Renu / Dr Meenal	2
4.	Classification of Disease of Pulp	Dr Renu /Dr. Rohit	1
5.	Etiology of Disease of Pulp	Dr Renu /Dr. Rohit	1
6.	Acute Irriversible Disease of Pulp	Dr Renu /Dr. Rohit	1
7.	chronic Irriversible Disease of Pulp	Dr Renu /Dr. Rohit	2
8.	Classification of Disease of Periradicular Tissue	Dr Renu /Dr. Rohit	1
9.	Accute Periradicular diseases	Dr Renu /Dr. Rohit	1
10.	Chronic Periradicular diseases	Dr Renu /Dr. Rohit	1
11.	Discoloration of teeth	Dr Renu /Dr. Ankur	1
12.	Vital Bleaching	Dr Renu /Dr. Ankur	1
13.	Non vital Bleaching	Dr Renu /Dr. Ankur	1
14.	Principle of endodontics Treatment	Dr Renu /Dr. Ankur	2
15.	Pharmacology in endodontics	Dr Renu /Dr. Ankur	1
16.	Microbiology in endodontics	Dr Renu /Dr. Ankur	2
17.	Principal of culturing	Dr Renu /Dr. Ankur	1
18.	Classification and etiology of Endo-perio lesions	Dr Renu /Dr. Ankur	2
19.	Detail of Endo-perio lesions	Dr Renu /Dr. Ankur	2
20.	Root canal Anatomy of maxilarry teeth	Dr Renu /Dr. Ankur	1
21.	Root canal Anatomy of mandibulat teeth	Dr Renu /Dr. Ankur	1
22.	Principal of Acess cavity preparation	Dr Renu /Dr. Rohit	1
23.	Acess cavity preparation in anterior teeth	Dr Renu /Dr. Rohit	1

24.	Acess cavity preparation in posterior teeth	Dr Renu /Dr. Rohit	1
25.	Principal of Working length determination	Dr Renu /Dr. Rohit	1
26.	Different methods of Working length determination	Dr Renu /Dr. Rohit	2
27.	Apex locaters	Dr Renu /Dr. Rohit	1
28.	Introduction and classification of Endodontic instruments	Dr Renu /Dr. Rohit	1
29.	Hand operated Endodontic instruments	Dr Renu /Dr. Rohit	2
30.	Rotary Endodontic instruments	Dr Renu /Dr. Rohit	1
31.	Basic principal of Bio-mechanical preparation	Dr Renu /Dr. Rohit	1
32.	Different techniques of root canal preparation	Dr Renu /Dr. Rohit	2
33.	Recent advances in bio-mechanical preparation	Dr Renu /Dr. Rohit	2
34.	Endodontic irrigant	Dr Renu /Parul	2
35.	Intra canal medicaments	Dr Renu /Parul	2
36.	Obturation materials	Dr Renu /Parul	1
37.	Root canal sealer	Dr Renu /Parul	2
38.	Different Obturation technique	Dr Renu /Parul	2
39.	Recent advances in obturation	Dr Renu /Parul	2
40.	Classification of Traumatic injury of teeth	Dr Renu / Dr. Vikram	1
41.	Management of Traumatic injury of teeth	Dr Renu / Dr. Vikram	2
42.	Endodontic mishaps	Dr Renu / Dr. Vikram	3
43.	Surgical endodontics	Dr Renu / Dr Neetu	2
44.	Peri apical surgery	Dr Renu / Dr Neetu	2
45.	Hemisection and Radisection	Dr Renu / Dr Neetu	2
46.	Intentional Replantation	Dr Renu / Dr Neetu	1
47.	Single visit RCT	Dr Renu / Dr Neetu	1
48.	Magnification in Endodontics	Dr Renu / Dr Neetu	1
49.	Root resorption	Dr Renu / Dr. Vikram	1
50.	Lasers in conservative endodontics [introduction only]	Dr Renu / Dr. Vikram	1

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	practice management		
51.	Professional association dentist act 1948 and its amendment 1993	Dr Renu / Dr. Vikram	1
52.	Duties towards the govt. like payments of professional tax, income tax	Dr Renu / Dr. Vikram	1
53.	Financial management of practice	Dr Renu / Dr. Vikram	1
54.	Dental material and basic equipment management	Dr Renu / Dr. Vikram	1
55.	Ethics	Dr Renu / Dr. Vikram	1

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THEORY SCHEDULE FOR **THIRD YEAR** BDS
ACADEMIC SESSION 2020-2021

S.NO.	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Neetu /Dr.Parul	1
2.	Examination & Diagnosis	Dr. Neetu /Dr.Parul	1
3.	Diagnosis & treatment planning	Dr. Neetu /Dr.Parul	1
4.	Isolation in operative dentistry	Dr. Neetu /Dr.Parul	1
5.	Equipment needed for isolation	Dr. Neetu /Dr.Parul	1
6.	Methods Used for gingival tissue management	Dr. Neetu /Dr.Parul	2
7.	Introduction of cutting instruments and Hand cutting instruments	Dr. Neetu /Dr.Apoorva	2
8.	Rotary cutting instruments	Dr. Neetu /Dr.Apoorva	1
9.	Cavity design for class I amalgam	Dr. Neetu /Dr.Apoorva	1
10.	Cavity design for class II amalgam	Dr. Neetu /Dr.Apoorva	1
11.	Cavity design for class III,V and VI	Dr. Neetu /Dr.Apoorva	1
12.	Tooth colored Restorations	Dr. Neetu /Dr.Apoorva	2
13.	Recent advances in Tooth colored Restorations	Dr. Neetu /Dr.Apoorva	1
14.	Principles of Cast Restorations	Dr. Neetu /Dr.Bupesh	1
15.	Fabrication of wax patterns	Dr. Neetu /Dr.Bupesh	1
16.	Investment of wax patterns	Dr. Neetu /Dr.Bupesh	1

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17.	Casting procedures	Dr. Neetu /Dr.Bupesh	1
18.	Casting defect	Dr. Neetu /Dr.Bupesh	1
19.	Designs of tooth colored restorations	Dr. Neetu /Dr.Bupesh	1
20.	Additional conservative and esthetic treatments	Dr. Neetu /Dr.Bupesh	1
21.	Direct composite veneering	Dr. Neetu /Dr.Bupesh	2
22.	In Direct composite veneering	Dr. Neetu /Dr.Bupesh	1
23.	Pin retained Restorations	Dr. Neetu /Dr.Bupesh	2
24.	Factor affecting retention of pins	Dr. Neetu /Dr.Bupesh	1
25.	Introduction of Lasers in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
26.	Uses of Lasers in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
27.	Recent advancements in isolation	Dr. Neetu /Dr.Bupesh	1
28.	Adhesive dentistry	Dr. Neetu /Dr.Bupesh	1
29.	Dentin bonding agents	Dr. Neetu /Dr.Bupesh	1
30.	Recent advancement in adhesive dentistry	Dr. Neetu /Dr.Bupesh	1
31.	Pain management in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
32.	Die materials and preparation of dies.	Dr. Neetu /Dr. Rittika	1
33.	Preventive Measures in Restorative Practice	Dr. Neetu /Dr. Rittika	1
34.	Contact and contour of teeth	Dr. Neetu /Dr. Rittika	1
35.	Temporisation and interim restoration..	Dr. Neetu /Dr. Rittika	1
36.	Management of deep carious lesions	Dr. Neetu /Dr. Rittika	1
37.	Non Carious Destruction's Tooth Structures	Dr. Neetu /Dr. Rittika	2

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38.	Hyper Sensitive Dentine And Its Management	Dr. Neetu /Dr. Rittika	2

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THEORY SCHEDULE FOR **SECOND YEAR** BDS
ACADEMIC SESSION 2020-2021

S.NO	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Monika/ Dr. kanika	1
2.	Tooth nomenclature	Dr. Monika/ Dr. kanika	2
3.	Dental caries-introduction	Dr. Monika/ Dr. kanika	1
4.	Dental caries-aetiology and diagnosis	Dr. Monika/ Dr. kanika	2
5.	Dental caries-histopathology	Dr. Monika/ Dr. kanika	1
6.	Dental caries-diet and caries	Dr. Monika/ Dr. kanika	1
7.	Dental caries-prevention and management	Dr. Monika/ Dr. kanika	1
8.	Dental caries-caries vaccine	Dr. Monika/ Dr. kanika	1
9.	Fundamentals of cavity preparation-introduction	Dr. Monika/ Dr. kanika	1
10.	Steps of cavity preparations	Dr. Monika/ Dr. kanika	4
11.	Recent in cavity prepartion	Dr. Monika/ Dr. kanika	1
12.	Cutting instruments - introduction	Dr. Monika/ Dr. kanika	1
13.	Hand cutting instruments	Dr. Monika/ Dr. kanika	3
14.	Rotary cutting instruments	Dr. Monika/ Dr. kanika	2
15.	Matricing-introduction and Classification	Dr. Monika/ Dr.Parul	1
16.	Types of matrices and its application	Dr. Monika/ Dr.Parul	2
17.	Tooth separation	Dr. Monika/ Dr.Parul	1
18.	Methods of tooth separation	Dr. Monika/ Dr.Parul	1
19.	Wedges and wedging technique	Dr. Monika/ Dr.Parul	1
20.	Composites-introduction	Dr. Monika/ Dr.Parul	1
21.	History and composition of composites	Dr. Monika/ Dr.Parul	1
22.	Classification of composites in detail	Dr. Monika/ Dr.Parul	2
23.	Recent advancement in	Dr. Monika/ Dr.Parul	2

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	composites		
24.	Properties of composites	Dr. Monika/ Dr.Parul	1
25.	Clinical technique for composite placement	Dr. Monika/ Dr.Parul	2
26.	Indirect restorations	Dr. Meenu/ Dr kanika	2
27.	Bonding agents –introduction	Dr. Meenu/ Dr kanika	1
28.	Enamel and dentin bonding	Dr. Meenu/ Dr kanika	1
29.	Smear layer	Dr. Meenu/ Dr kanika	1
30.	Classification of adhesive dentistry	Dr. Meenu/ Dr kanika	2
31.	Amalgam –introduction	Dr. Meenu/ Dr kanika	1
32.	Classification and composition of amalgam	Dr. Meenu/ Dr kanika	3
33.	Setting reaction and indications ,contraindications of amalgam	Dr. Meenu/ Dr kanika	2
34.	Recent advancements of amalgam	Dr. Meenu/ Dr kanika	1
35.	Failure and causes of failure for amalgam	Dr. Meenu/ Dr kanika	2
36.	Mercury hygiene recommendation and safety measures	Dr. Meenu/ Dr kanika	2
37.	Direct filling gold-introduction	Dr. Meenu/ Dr kanika	1
38.	Properties of DFG	Dr. Meenu/ Dr kanika	2
39.	Types of gold and forms of gold	Dr. Meenu/ Dr kanika	1
40.	Steps of direct filling gold restoration	Dr. Meenu/ Dr kanika	1
41.	Cements-introduction	Dr. Meenu/ Dr kanika	1
42.	Zinc oxide eugenol cement	Dr. Meenu/ Dr kanika	1
43.	Zinc phosphate cement	Dr. Meenu/ Dr kanika	1
44.	Zinc polycarboxylate cement	Dr. Meenu/ Dr kanika	1
45.	Silicate cement	Dr. Meenu/ Dr kanika	1
46.	Calcium hydroxide cement	Dr. Meenu/ Dr kanika	1
47.	Glass ionomer cement-introduction ,Classification,history and composition	Dr. Monika/ Dr. Rittika	1
48.	Setting reactions,indications and contraindications Properties,	Dr. Monika/ Dr. Rittika	1

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	Clinical steps for placement		
49.	Recent advancement in GIC	Dr. Monika/ Dr. Rittika	1
50.	Pulp protection-introduction	Dr. Monika/ Dr. Rittika	1
51.	Materials used for pulp protection and defence mechanism of pulp	Dr. Monika/ Dr. Rittika	1
52.	Patient evaluation,diagnosis and treatment planning	Dr. Monika/ Dr. Rittika	1
53.	Infection control	Dr. Monika/ Dr. Rittika	1
54.	Gnathological concepts of restoration;	Dr. Monika/ Dr. Rittika	1
55.	Physiology of occlusion,	Dr. Monika/ Dr. Rittika	1
56.	Occlusal rehabilitation and restoration.	Dr. Monika/ Dr. Rittika	1
57.	Normal occlusion	Dr. Monika/ Dr. Rittika	1
58.	Ideal occlusion mandibular movements and occlusal analysis	Dr. Monika/ Dr. Rittika	1

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SRI GANGANAGAR (RAJ.)

DEPARTMENT OF CONSERVATIVE AND ENDODONTICS
SURENDERA SENTAL COLLEGE AND RESEARCH INSTITUTE
THEORY SCHEDULE FOR **FINAL YEAR** BDS
ACADEMIC SESSION 2019-2020

Sno	Topic name	Faculty name	Hours Required
1.	Clinical Diagnosis	Dr Renu / Dr Meenal	2
2.	Pulp Vitality Test	Dr Renu / Dr Meenal	3
3.	Recent Advances	Dr Renu / Dr Meenal	2
4.	Classification of Disease of Pulp	Dr Renu /Dr. Rohit	1
5.	Etiology of Disease of Pulp	Dr Renu /Dr. Rohit	1
6.	Acute Irriversible Disease of Pulp	Dr Renu /Dr. Rohit	1
7.	chronic Irriversible Disease of Pulp	Dr Renu /Dr. Rohit	2
8.	Classification of Disease of Periradicular Tissue	Dr Renu /Dr. Rohit	1
9.	Accute Periradicular diseases	Dr Renu /Dr. Rohit	1
10.	Chronic Periradicular diseases	Dr Renu /Dr. Rohit	1
11.	Discoloration of teeth	Dr Renu /Dr. Ankur	1
12.	Vital Bleaching	Dr Renu /Dr. Ankur	1
13.	Non vital Bleaching	Dr Renu /Dr. Ankur	1
14.	Principle of endodontics Treatment	Dr Renu /Dr. Ankur	2
15.	Pharmacology in endodontics	Dr Renu /Dr. Ankur	1
16.	Microbiology in endodontics	Dr Renu /Dr. Ankur	2
17.	Principal of culturing	Dr Renu /Dr. Ankur	1
18.	Classification and etiology of Endo-perio lesions	Dr Renu /Dr. Ankur	2
19.	Detail of Endo-perio lesions	Dr Renu /Dr. Ankur	2
20.	Root canal Anatomy of maxilarry teeth	Dr Renu /Dr. Ankur	1
21.	Root canal Anatomy of mandibulat teeth	Dr Renu /Dr. Ankur	1
22.	Principal of Acess cavity preparation	Dr Renu /Dr. Rohit	1
23.	Acess cavity preparation in anterior teeth	Dr Renu /Dr. Rohit	1

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24.	Acess cavity preparation in posterior teeth	Dr Renu /Dr. Rohit	1
25.	Principal of Working length determination	Dr Renu /Dr. Rohit	1
26.	Different methods of Working length determination	Dr Renu /Dr. Rohit	2
27.	Apex locaters	Dr Renu /Dr. Rohit	1
28.	Introduction and classification of Endodontic instruments	Dr Renu /Dr. Rohit	1
29.	Hand operated Endodontic instruments	Dr Renu /Dr. Rohit	2
30.	Rotary Endodontic instruments	Dr Renu /Dr. Rohit	1
31.	Basic principal of Bio-mechanical preparation	Dr Renu /Dr. Rohit	1
32.	Different techniques of root canal preparation	Dr Renu /Dr. Rohit	2
33.	Recent advances in bio-mechanical preparation	Dr Renu /Dr. Rohit	2
34.	Endodontic irrigants	Dr Yogesh/ Dr Renu /	2
35.	Intra canal medicaments	Dr Yogesh/ Dr Renu /	2
36.	Obturation materials	Dr Yogesh / Dr Renu /	1
37.	Root canal sealer	Dr Yogesh / Dr Renu /	2
38.	Different Obturation technique	Dr Yogesh / Dr Renu /	2
39.	Recent advances in obturation	Dr Yogesh / Dr Renu /	2
40.	Classification of Traumatic injury of teeth	Dr Renu / Dr. Vikram	1
41.	Management of Traumatic injury of teeth	Dr Renu / Dr. Vikram	2
42.	Endodontic mishaps	Dr Renu / Dr. Vikram	3
43.	Surgical endodontics	Dr Renu / Dr Neetu	2
44.	Peri apical surgery	Dr Renu / Dr Neetu	2
45.	Hemisection and Radisection	Dr Renu / Dr Neetu	2
46.	Intentional Replantation	Dr Renu / Dr Neetu	1
47.	Single visit RCT	Dr Renu / Dr Neetu	1
48.	Magnification in Endodontics	Dr Renu / Dr Neetu	1
49.	Root resorption	Dr Renu / Dr. Vikram	1
50.	Lasers in conservative endodontics [introduction only]	Dr Renu / Dr. Vikram	1

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	practice management		
51.	Professional association dentist act 1948 and its amendment 1993	Dr Renu / Dr. Vikram	1
52.	Duties towards the govt. like payments of professional tax, income tax	Dr Renu / Dr. Vikram	1
53.	Financial management of practice	Dr Renu / Dr. Vikram	1
54.	Dental material and basic equipment management	Dr Renu / Dr. Vikram	1
55.	Ethics	Dr Renu / Dr. Vikram	1

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DEPARTMENT OF CONSERVATIVE AND ENDODONTICS
SURENDERA SENTAL COLLEGE AND RESEARCH INSTITUTE
THEORY SCHEDULE FOR **THIRD YEAR** BDS
ACADEMIC SESSION 2019-2020

S.NO.	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Neetu /Dr.Parul	1
2.	Examination & Diagnosis	Dr. Neetu /Dr.Parul	1
3.	Diagnosis & treatment planning	Dr. Neetu /Dr.Parul	1
4.	Isolation in operative dentistry	Dr. Neetu /Dr.Parul	1
5.	Equipment needed for isolation	Dr. Neetu /Dr.Parul	1
6.	Methods Used for gingival tissue management	Dr. Neetu /Dr.Parul	2
7.	Introduction of cutting instruments and Hand cutting instruments	Dr. Neetu /Dr.Apoorva	2
8.	Rotary cutting instruments	Dr. Neetu /Dr.Apoorva	1
9.	Cavity design for class I amalgam	Dr. Neetu /Dr.Apoorva	1
10.	Cavity design for class II amalgam	Dr. Neetu /Dr.Apoorva	1
11.	Cavity design for class III,V and VI	Dr. Neetu /Dr.Apoorva	1
12.	Tooth colored Restorations	Dr. Neetu /Dr.Apoorva	2
13.	Recent advances in Tooth colored Restorations	Dr. Neetu /Dr.Apoorva	1
14.	Principles of Cast Restorations	Dr. Neetu /Dr.Bupesh	1
15.	Fabrication of wax patterns	Dr. Neetu /Dr.Bupesh	1
16.	Investment of wax patterns	Dr. Neetu /Dr.Bupesh	1

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17.	Casting procedures	Dr. Neetu /Dr.Bupesh	1
18.	Casting defect	Dr. Neetu /Dr.Bupesh	1
19.	Designs of tooth colored restorations	Dr. Neetu /Dr.Bupesh	1
20.	Additional conservative and esthetic treatments	Dr. Neetu /Dr.Bupesh	1
21.	Direct composite veneering	Dr. Neetu /Dr.Bupesh	2
22.	In Direct composite veneering	Dr. Neetu /Dr.Bupesh	1
23.	Pin retained Restorations	Dr. Neetu /Dr.Bupesh	2
24.	Factor affecting retention of pins	Dr. Neetu /Dr.Bupesh	1
25.	Introduction of Lasers in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
26.	Uses of Lasers in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
27.	Recent advancements in isolation	Dr. Neetu /Dr.Bupesh	1
28.	Adhesive dentistry	Dr. Neetu /Dr.Bupesh	1
29.	Dentin bonding agents	Dr. Neetu /Dr.Bupesh	1
30.	Recent advancement in adhesive dentistry	Dr. Neetu /Dr.Bupesh	1
31.	Pain management in conservative dentistry	Dr. Neetu /Dr.Bupesh	1
32.	Die materials and preparation of dies.	Dr. Neetu /Dr. Rittika	1
33.	Preventive Measures in Restorative Practice	Dr. Neetu /Dr. Rittika	1
34.	Contact and contour of teeth	Dr. Neetu /Dr. Rittika	1
35.	Temporisation and interim restoration..	Dr. Neetu /Dr. Rittika	1
36.	Management of deep carious lesions	Dr. Neetu /Dr. Rittika	1
37.	Non Carious Destruction's Tooth Structures	Dr. Neetu /Dr. Rittika	2

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38.	Hyper Sensitive Dentine And Its Management	Dr. Neetu /Dr. Rittika	2

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THEORY SCHEDULE FOR **SECOND YEAR** BDS
ACADEMIC SESSION 2019-2020

S.NO	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Monika/ Dr. kanika	1
2.	Tooth nomenclature	Dr. Monika/ Dr. kanika	2
3.	Dental caries-introduction	Dr. Monika/ Dr. kanika	1
4.	Dental caries-aetiology and diagnosis	Dr. Monika/ Dr. kanika	2
5.	Dental caries-histopathology	Dr. Monika/ Dr. kanika	1
6.	Dental caries-diet and caries	Dr. Monika/ Dr. kanika	1
7.	Dental caries-prevention and management	Dr. Monika/ Dr. kanika	1
8.	Dental caries-caries vaccine	Dr. Monika/ Dr. kanika	1
9.	Fundamentals of cavity preparation-introduction	Dr. Monika/ Dr. kanika	1
10.	Steps of cavity preparations	Dr. Monika/ Dr. kanika	4
11.	Recent in cavity prepartion	Dr. Monika/ Dr. kanika	1
12.	Cutting instruments - introduction	Dr. Monika/ Dr. kanika	1
13.	Hand cutting instruments	Dr. Monika/ Dr. kanika	3
14.	Rotary cutting instruments	Dr. Monika/ Dr. kanika	2
15.	Matricing-introduction and Classification	Dr. Monika/ Dr.Parul	1
16.	Types of matrices and its application	Dr. Monika/ Dr.Parul	2
17.	Tooth separation	Dr. Monika/ Dr.Parul	1
18.	Methods of tooth separation	Dr. Monika/ Dr.Parul	1
19.	Wedges and wedging technique	Dr. Monika/ Dr.Parul	1
20.	Composites-introduction	Dr. Monika/ Dr.Parul	1
21.	History and composition of composites	Dr. Monika/ Dr.Parul	1
22.	Classification of composites in detail	Dr. Monika/ Dr.Parul	2
23.	Recent advancement in	Dr. Monika/ Dr.Parul	2

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	composites		
24.	Properties of composites	Dr. Monika/ Dr.Parul	1
25.	Clinical technique for composite placement	Dr. Monika/ Dr.Parul	2
26.	Indirect restorations	Dr. Meenu/ Dr kanika	2
27.	Bonding agents –introduction	Dr. Meenu/ Dr kanika	1
28.	Enamel and dentin bonding	Dr. Meenu/ Dr kanika	1
29.	Smear layer	Dr. Meenu/ Dr kanika	1
30.	Classification of adhesive dentistry	Dr. Meenu/ Dr kanika	2
31.	Amalgam –introduction	Dr. Meenu/ Dr kanika	1
32.	Classification and composition of amalgam	Dr. Meenu/ Dr kanika	3
33.	Setting reaction and indications ,contraindications of amalgam	Dr. Meenu/ Dr kanika	2
34.	Recent advancements of amalgam	Dr. Meenu/ Dr kanika	1
35.	Failure and causes of failure for amalgam	Dr. Meenu/ Dr kanika	2
36.	Mercury hygiene recommendation and safety measures	Dr. Meenu/ Dr kanika	2
37.	Direct filling gold-introduction	Dr. Meenu/ Dr kanika	1
38.	Properties of DFG	Dr. Meenu/ Dr kanika	2
39.	Types of gold and forms of gold	Dr. Meenu/ Dr kanika	1
40.	Steps of direct filling gold restoration	Dr. Meenu/ Dr kanika	1
41.	Cements-introduction	Dr. Meenu/ Dr kanika	1
42.	Zinc oxide eugenol cement	Dr. Meenu/ Dr kanika	1
43.	Zinc phosphate cement	Dr. Meenu/ Dr kanika	1
44.	Zinc polycarboxylate cement	Dr. Meenu/ Dr kanika	1
45.	Silicate cement	Dr. Meenu/ Dr kanika	1
46.	Calcium hydroxide cement	Dr. Meenu/ Dr kanika	1
47.	Glass ionomer cement-introduction ,Classification,history and composition	Dr. Monika/ Dr. Rittika	1
48.	Setting reactions,indications and contraindications Properties,	Dr. Monika/ Dr. Rittika	1

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	Clinical steps for placement		
49.	Recent advancement in GIC	Dr. Monika/ Dr. Rittika	1
50.	Pulp protection-introduction	Dr. Monika/ Dr. Rittika	1
51.	Materials used for pulp protection and defence mechanism of pulp	Dr. Monika/ Dr. Rittika	1
52.	Patient evaluation,diagnosis and treatment planning	Dr. Monika/ Dr. Rittika	1
53.	Infection control	Dr. Monika/ Dr. Rittika	1
54.	Gnathological concepts of restoration;	Dr. Monika/ Dr. Rittika	1
55.	Physiology of occlusion,	Dr. Monika/ Dr. Rittika	1
56.	Occlusal rehabilitation and restoration.	Dr. Monika/ Dr. Rittika	1
57.	Normal occlusion	Dr. Monika/ Dr. Rittika	1
58.	Ideal occlusion mandibular movements and occlusal analysis	Dr. Monika/ Dr. Rittika	1

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THEORY SCHEDULE FOR **FINAL YEAR** BDS
ACADEMIC SESSION 2018-2019

Sno	Topic name	Faculty name	Hours Required
1.	Clinical Diagnosis	Dr Renu / Dr Meenal	2
2.	Pulp Vitality Test	Dr Renu / Dr Meenal	3
3.	Recent Advances	Dr Renu / Dr Meenal	2
4.	Classification of Disease of Pulp	Dr Renu /Dr. Rohit	1
5.	Etiology of Disease of Pulp	Dr Renu /Dr. Rohit	1
6.	Acute Irriversible Disease of Pulp	Dr Renu /Dr. Rohit	1
7.	chronic Irriversible Disease of Pulp	Dr Renu /Dr. Rohit	2
8.	Classification of Disease of Periradicular Tissue	Dr Renu /Dr. Rohit	1
9.	Accute Periradicular diseases	Dr Renu /Dr. Rohit	1
10.	Chronic Periradicular diseases	Dr Renu /Dr. Rohit	1
11.	Discoloration of teeth	Dr Renu /Dr. Rohit	1
12.	Vital Bleaching	Dr Renu /Dr. Rohit	1
13.	Non vital Bleaching	Dr Renu /Dr. Rohit	1
14.	Principle of endodontics Treatment	Dr Renu /Dr. Rohit	2
15.	Pharmacology in endodontics	Dr Renu /Dr. Rohit	1
16.	Microbiology in endodontics	Dr Renu /Dr. Rohit	2
17.	Principal of culturing	Dr Renu /Dr. Rohit	1
18.	Classification and etiology of Endo-perio lesions	Dr Renu /Dr. Rohit	2
19.	Detail of Endo-perio lesions	Dr Renu /Dr. Rohit	2
20.	Root canal Anatomy of maxilarry teeth	Dr Renu /Dr. Rohit	1
21.	Root canal Anatomy of mandibulat teeth	Dr Renu /Dr. Rohit	1
22.	Principal of Acess cavity preparation	Dr Renu /Dr. Rohit	1
23.	Acess cavity preparation in anterior teeth	Dr Renu /Dr. Rohit	1

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24.	Acess cavity preparation in posterior teeth	Dr Renu /Dr. Rohit	1
25.	Principal of Working length determination	Dr Renu /Dr. Rohit	1
26.	Different methods of Working length determination	Dr Renu /Dr. Rohit	2
27.	Apex locaters	Dr Renu /Dr. Rohit	1
28.	Introduction and classification of Endodontic instruments	Dr Renu /Dr. Rohit	1
29.	Hand operated Endodontic instruments	Dr Renu /Dr. Rohit	2
30.	Rotary Endodontic instruments	Dr Renu /Dr. Rohit	1
31.	Basic principal of Bio-mechanical preparation	Dr Renu /Dr. Rohit	1
32.	Different techniques of root canal preparation	Dr Renu /Dr. Rohit	2
33.	Recent advances in bio-mechanical preparation	Dr Renu /Dr. Rohit	2
34.	Endodontic irrigants	Dr Yogesh/ Dr Renu /	2
35.	Intra canal medicaments	Dr Yogesh/ Dr Renu /	2
36.	Obturation materials	Dr Yogesh / Dr Renu /	1
37.	Root canal sealer	Dr Yogesh / Dr Renu /	2
38.	Different Obturation technique	Dr Yogesh / Dr Renu /	2
39.	Recent advances in obturation	Dr Yogesh / Dr Renu /	2
40.	Classification of Traumatic injury of teeth	Dr Renu / Dr. Vikram	1
41.	Management of Traumatic injury of teeth	Dr Renu / Dr. Vikram	2
42.	Endodontic mishaps	Dr Renu / Dr. Vikram	3
43.	Surgical endodontics	Dr Renu / Dr Neetu	2
44.	Peri apical surgery	Dr Renu / Dr Neetu	2
45.	Hemisection and Radisection	Dr Renu / Dr Neetu	2
46.	Intentional Replantation	Dr Renu / Dr Neetu	1
47.	Single visit RCT	Dr Renu / Dr Neetu	1
48.	Magnification in Endodontics	Dr Renu / Dr Neetu	1
49.	Root resorption	Dr Renu / Dr. Vikram	1
50.	Lasers in conservative endodontics [introduction only]	Dr Renu / Dr. Vikram	1

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	practice management		
51.	Professional association dentist act 1948 and its amendment 1993	Dr Renu / Dr. Vikram	1
52.	Duties towards the govt. like payments of professional tax, income tax	Dr Renu / Dr. Vikram	1
53.	Financial management of practice	Dr Renu / Dr. Vikram	1
54.	Dental material and basic equipment management	Dr Renu / Dr. Vikram	1
55.	Ethics	Dr Renu / Dr. Vikram	1

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THEORY SCHEDULE FOR **THIRD YEAR** BDS
ACADEMIC SESSION 2018-2019

S.NO.	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Neetu /Dr. Meenal	1
2.	Examination & Diagnosis	Dr. Neetu /Dr. Meenal	1
3.	Diagnosis & treatment planning	Dr. Neetu /Dr. Meenal	1
4.	Isolation in operative dentistry	Dr. Neetu /Dr.Apoorva	1
5.	Equipment needed for isolation	Dr. Neetu /Dr.Apoorva	1
6.	Methods Used for gingival tissue management	Dr. Neetu /Dr.Apoorva	2
7.	Introduction of cutting instruments and Hand cutting instruments	Dr. Neetu /Dr.Apoorva	2
8.	Rotary cutting instruments	Dr. Neetu /Dr.Apoorva	1
9.	Cavity design for class I amalgam	Dr. Neetu /Dr.Apoorva	1
10.	Cavity design for class II amalgam	Dr. Neetu /Dr.Apoorva	1
11.	Cavity design for class III,V and VI	Dr. Neetu /Dr.Apoorva	1
12.	Tooth colored Restorations	Dr. Neetu /Dr.Apoorva	2
13.	Recent advances in Tooth colored Restorations	Dr. Neetu /Dr.Apoorva	1
14.	Principles of Cast Restorations	Dr. Neetu /Dr.Apoorva	1
15.	Fabrication of wax patterns	Dr. Neetu /Dr.Apoorva	1
16.	Investment of wax patterns	Dr. Neetu /Dr.Apoorva	1

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17.	Casting procedures	Dr. Neetu /Dr.Apoorva	1
18.	Casting defect	Dr. Neetu /Dr.Apoorva	1
19.	Designs of tooth colored restorations	Dr. Neetu /Dr.Apoorva	1
20.	Additional conservative and esthetic treatments	Dr. Neetu /Dr.Apoorva	1
21.	Direct composite veneering	Dr. Neetu /Dr.Apoorva	2
22.	In Direct composite veneering	Dr. Neetu /Dr.Apoorva	1
23.	Pin retained Restorations	Dr. Neetu /Dr.Apoorva	2
24.	Factor affecting retention of pins	Dr. Neetu /Dr.Apoorva	1
25.	Introduction of Lasers in conservative dentistry	Dr. Neetu /Dr.Apoorva	1
26.	Uses of Lasers in conservative dentistry	Dr. Neetu /Dr.Apoorva	1
27.	Recent advancements in isolation	Dr. Neetu /Dr.Apoorva	1
28.	Adhesive dentistry	Dr. Neetu /Dr.Apoorva	1
29.	Dentin bonding agents	Dr. Neetu /Dr.Apoorva	1
30.	Recent advancement in adhesive dentistry	Dr. Neetu /Dr.Apoorva	1
31.	Pain management in conservative dentistry	Dr. Neetu /Dr.Apoorva	1
32.	Die materials and preparation of dies.	Dr. Neetu /Dr. Rittika	1
33.	Preventive Measures in Restorative Practice	Dr. Neetu /Dr. Rittika	1
34.	Contact and contour of teeth	Dr. Neetu /Dr. Rittika	1
35.	Temporisation and interim restoration..	Dr. Neetu /Dr. Rittika	1
36.	Management of deep carious lesions	Dr. Neetu /Dr. Rittika	1
37.	Non Carious Destruction's Tooth Structures	Dr. Neetu /Dr. Rittika	2

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38.	Hyper Sensitive Dentine And Its Management	Dr. Neetu /Dr. Rittika	2

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DEPARTMENT OF CONSERVATIVE AND ENDODONTICS
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THEORY SCHEDULE FOR **SECOND YEAR** BDS
ACADEMIC SESSION 2018-2019

S.NO	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Monika/ Dr. kanika	1
2.	Tooth nomenclature	Dr. Monika/ Dr. kanika	2
3.	Dental caries-introduction	Dr. Monika/ Dr. kanika	1
4.	Dental caries-aetiology and diagnosis	Dr. Monika/ Dr. kanika	2
5.	Dental caries-histopathology	Dr. Monika/ Dr. kanika	1
6.	Dental caries-diet and caries	Dr. Monika/ Dr. kanika	1
7.	Dental caries-prevention and management	Dr. Monika/ Dr. kanika	1
8.	Dental caries-caries vaccine	Dr. Monika/ Dr. kanika	1
9.	Fundamentals of cavity preparation-introduction	Dr. Monika/ Dr. kanika	1
10.	Steps of cavity preparations	Dr. Monika/ Dr. kanika	4
11.	Recent in cavity prepartion	Dr. Monika/ Dr. kanika	1
12.	Cutting instruments - introduction	Dr. Monika/ Dr. kanika	1
13.	Hand cutting instruments	Dr. Monika/ Dr. kanika	3
14.	Rotary cutting instruments	Dr. Monika/ Dr. kanika	2
15.	Matricing-introduction and Classification	Dr. Monika/ Dr. kanika	1
16.	Types of matrices and its application	Dr. Monika/ Dr. kanika	2
17.	Tooth separation	Dr. Monika/ Dr. kanika	1
18.	Methods of tooth separation	Dr. Monika/ Dr. kanika	1
19.	Wedges and wedging technique	Dr. Monika/ Dr. kanika	1
20.	Composites-introduction	Dr. Monika/ Dr. kanika	1
21.	History and composition of composites	Dr. Monika/ Dr. kanika	1
22.	Classification of composites in detail	Dr. Monika/ Dr. kanika	2
23.	Recent advancement in	Dr. Monika/ Dr. kanika	2

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	composites		
24.	Properties of composites	Dr. Monika/ Dr. kanika	1
25.	Clinical technique for composite placement	Dr. Monika/ Dr. kanika	2
26.	Indirect restorations	Dr. Meenu/ Dr kanika	2
27.	Bonding agents –introduction	Dr. Meenu/ Dr kanika	1
28.	Enamel and dentin bonding	Dr. Meenu/ Dr kanika	1
29.	Smear layer	Dr. Meenu/ Dr kanika	1
30.	Classification of adhesive dentistry	Dr. Meenu/ Dr kanika	2
31.	Amalgam –introduction	Dr. Meenu/ Dr kanika	1
32.	Classification and composition of amalgam	Dr. Meenu/ Dr kanika	3
33.	Setting reaction and indications ,contraindications of amalgam	Dr. Meenu/ Dr kanika	2
34.	Recent advancements of amalgam	Dr. Meenu/ Dr kanika	1
35.	Failure and causes of failure for amalgam	Dr. Meenu/ Dr kanika	2
36.	Mercury hygiene recommendation and safety measures	Dr. Meenu/ Dr kanika	2
37.	Direct filling gold-introduction	Dr. Meenu/ Dr kanika	1
38.	Properties of DFG	Dr. Meenu/ Dr kanika	2
39.	Types of gold and forms of gold	Dr. Meenu/ Dr kanika	1
40.	Steps of direct filling gold restoration	Dr. Meenu/ Dr kanika	1
41.	Cements-introduction	Dr. Meenu/ Dr kanika	1
42.	Zinc oxide eugenol cement	Dr. Meenu/ Dr kanika	1
43.	Zinc phosphate cement	Dr. Meenu/ Dr kanika	1
44.	Zinc polycarboxylate cement	Dr. Meenu/ Dr kanika	1
45.	Silicate cement	Dr. Meenu/ Dr kanika	1
46.	Calcium hydroxide cement	Dr. Meenu/ Dr kanika	1
47.	Glass ionomer cement-introduction ,Classification,history and composition	Dr. Monika/ Dr. Rittika	1
48.	Setting reactions,indications and contraindications Properties,	Dr. Monika/ Dr. Rittika	1

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	Clinical steps for placement		
49.	Recent advancement in GIC	Dr. Monika/ Dr. Rittika	1
50.	Pulp protection-introduction	Dr. Monika/ Dr. Rittika	1
51.	Materials used for pulp protection and defence mechanism of pulp	Dr. Monika/ Dr. Rittika	1
52.	Patient evaluation,diagnosis and treatment planning	Dr. Monika/ Dr. Rittika	1
53.	Infection control	Dr. Monika/ Dr. Rittika	1
54.	Gnathological concepts of restoration;	Dr. Monika/ Dr. Rittika	1
55.	Physiology of occlusion,	Dr. Monika/ Dr. Rittika	1
56.	Occlusal rehabilitation and restoration.	Dr. Monika/ Dr. Rittika	1
57.	Normal occlusion	Dr. Monika/ Dr. Rittika	1
58.	Ideal occlusion mandibular movements and occlusal analysis	Dr. Monika/ Dr. Rittika	1

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DEPARTMENT OF CONSERVATIVE AND ENDODONTICS
SURENDERA SENTAL COLLEGE AND RESEARCH INSTITUTE
THEORY SCHEDULE FOR **FINAL YEAR** BDS
ACADEMIC SESSION 2017-2018

Sno	Topic name	Faculty name	Hours Required
1.	Clinical Diagnosis	Dr Renu / Dr Meenal	2
2.	Pulp Vitality Test	Dr Renu / Dr Meenal	3
3.	Recent Advances	Dr Renu / Dr Meenal	2
4.	Classification of Disease of Pulp	Dr Renu /Dr Parul	1
5.	Etiology of Disease of Pulp	Dr Renu /Dr Parul	1
6.	Acute Irriversible Disease of Pulp	Dr Renu /Dr Parul	1
7.	chronic Irriversible Disease of Pulp	Dr Renu /Dr Parul	2
8.	Classification of Disease of Periradicular Tissue	Dr Renu /Dr Parul	1
9.	Accute Periradicular diseases	Dr Renu /Dr Parul	1
10.	Chronic Periradicular diseases	Dr Renu /Dr Parul	1
11.	Discoloration of teeth	Dr Renu / Dr Meenal	1
12.	Vital Bleaching	Dr Renu / Dr Meenal	1
13.	Non vital Bleaching	Dr Renu / Dr Meenal	1
14.	Principle of endodontics Treatment	Dr Renu / Dr Meenu	2
15.	Pharmacology in endodontics	Dr Renu /Dr Parul	1
16.	Microbiology in endodontics	Dr Renu /Dr Parul	2
17.	Principal of culturing	Dr Renu /Dr Parul	1
18.	Classification and etiology of Endo-perio lesions	Dr Renu /Dr Parul	2
19.	Detail of Endo-perio lesions	Dr Renu /Dr Parul	2
20.	Root canal Anatomy of maxilarry teeth	Dr Renu /Dr Parul	1
21.	Root canal Anatomy of mandibulat teeth	Dr Renu /Dr Parul	1
22.	Principal of Acess cavity preparation	Dr Renu / Dr Meenal.	1
23.	Acess cavity preparation in	Dr Renu / Dr Meenal	1

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	anterior teeth		
24.	Acess cavity preparation in posterior teeth	Dr Renu / Dr Meenal	1
25.	Principal of Working length determination	Dr Renu /Dr Parul	1
26.	Different methods of Working length determination	Dr Renu /Dr Parul	2
27.	Apex locaters	Dr Renu /Dr Parul	1
28.	Introduction and classification of Endodontic instruments	Dr Renu / Dr Meenal	1
29.	Hand operated Endodontic instruments	Dr Renu / Dr Meenal	2
30.	Rotary Endodontic instruments	Dr Renu / Dr Meenal	1
31.	Basic principal of Bio-mechanical preparation	Dr Renu /Dr Parul	1
32.	Different techniques of root canal preparation	Dr Renu /Dr Parul	2
33.	Recent advances in bio-mechanical preparation	Dr Yogesh/ Dr Renu	2
34.	Endodontic irrigants	Dr Yogesh/ Dr Renu /	2
35.	Intra canal medicaments	Dr Yogesh/ Dr Renu /	2
36.	Obturation materials	Dr Yogesh / Dr Renu /	1
37.	Root canal sealer	Dr Yogesh / Dr Renu /	2
38.	Different Obturation technique	Dr Yogesh / Dr Renu /	2
39.	Recent advances in obturation	Dr Yogesh / Dr Renu /	2
40.	Classification of Traumatic injury of teeth	Dr Renu / Dr Meenal	1
41.	Management of Traumatic injury of teeth	Dr Renu / Dr Meenal	2
42.	Endodontic mishaps	Dr Renu / Dr Meenal	3
43.	Surgical endodontics	Dr Renu / Dr Neetu	2
44.	Peri apical surgery	Dr Renu / Dr Neetu	2
45.	Hemisection and Radisection	Dr Renu / Dr Neetu	2
46.	Intentional Replantation	Dr Renu / Dr Neetu	1
47.	Single visit RCT	Dr Renu / Dr Neetu	1
48.	Magnification in Endodontics	Dr Renu / Dr Neetu	1
49.	Root resorption	Dr Renu / Dr Meenal	1
50.	Lasers in conservative	Dr Renu / Dr Meenal	1

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	endodontics [introduction only] practice management		
51.	Professional association dentist act 1948 and its amendment 1993	Dr Renu / Dr Meenal	1
52.	Duties towards the govt. like payments of professional tax, income tax	Dr Renu / Dr Meenal	1
53.	Financial management of practice	Dr Renu / Dr Meenal	1
54.	Dental material and basic equipment management	Dr Renu / Dr Meenal	1
55.	Ethics	Dr Renu / Dr Meenal	1

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THEORY SCHEDULE FOR **THIRD YEAR** BDS
ACADEMIC SESSION 2017-2018

S.NO.	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Neetu /Dr. Meenal	1
2.	Examination & Diagnosis	Dr. Neetu /Dr. Meenal	1
3.	Diagnosis & treatment planning	Dr. Neetu /Dr. Meenal	1
4.	Isolation in operative dentistry	Dr. Neetu /Dr.Parul	1
5.	Equipment needed for isolation	Dr. Neetu /Dr.Parul	1

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6.	Methods Used for gingival tissue management	Dr. Neetu /Dr.Parul	2
7.	Introduction of cutting instruments and Hand cutting instruments	Dr. Neetu /Dr.Parul	2
8.	Rotary cutting instruments	Dr. Neetu /Dr.Parul	1
9.	Cavity design for class I amalgam	Dr. Neetu /Dr.Parul	1
10.	Cavity design for class II amalgam	Dr. Neetu /Dr.Parul	1
11.	Cavity design for class III,V and VI	Dr. Neetu /Dr.Parul	1
12.	Tooth colored Restorations	Dr. Neetu /Dr.Parul	2
13.	Recent advances in Tooth colored Restorations	Dr. Neetu /Dr.Parul	1
14.	Principles of Cast Restorations	Dr. Neetu /Dr.Parul	1
15.	Fabrication of wax patterns	Dr. Neetu /Dr.Parul	1
16.	Investment of wax patterns	Dr. Neetu /Dr.Parul	1
17.	Casting procedures	Dr. Neetu /Dr.Parul	1
18.	Casting defect	Dr. Neetu /Dr.Parul	1
19.	Designs of tooth colored restorations	Dr. Neetu /Dr.Parul	1
20.	Additional conservative and esthetic treatments	Dr. Neetu /Dr.Parul	1
21.	Direct composite veneering	Dr. Neetu /Dr.Parul	2
22.	In Direct composite veneering	Dr. Neetu /Dr.Parul	1
23.	Pin retained Restorations	Dr. Neetu /Dr.Parul	2
24.	Factor affecting retention of pins	Dr. Neetu /Dr.Parul	1
25.	Introduction of Lasers in conservative dentistry	Dr. Neetu /Dr.Parul	1
26.	Uses of Lasers in conservative	Dr. Neetu /Dr.Parul	1

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	dentistry		
27.	Recent advancements in isolation	Dr. Neetu /Dr.Parul	1
28.	Adhesive dentistry	Dr. Neetu /Dr.Parul	1
29.	Dentin bonding agents	Dr. Neetu /Dr.Parul	1
30.	Recent advancement in adhesive dentistry	Dr. Neetu /Dr.Parul	1
31.	Pain management in conservative dentistry	Dr. Neetu /Dr.Parul	1
32.	Die materials and preparation of dies.	Dr. Neetu /Dr. Meenal	1
33.	Preventive Measures in Restorative Practice	Dr. Neetu /Dr. Meenal	1
34.	Contact and contour of teeth	Dr. Neetu /Dr.Parul	1
35.	Temporisation and interim restoration..	Dr. Neetu /Dr.Parul	1
36.	Management of deep carious lesions	Dr. Neetu /Dr.Parul	1
37.	Non Carious Destruction's Tooth Structures	Dr. Neetu /Dr. Meenal	2
38.	Hyper Sensitive Dentine And Its Management	Dr. Neetu /Dr. Meenal	2

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THEORY SCHEDULE FOR **SECOND YEAR** BDS
ACADEMIC SESSION 2017-2018

S.NO	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr kanika/ Dr.Parul	1
2.	Tooth nomenclature	Dr kanika/ Dr.Parul	2
3.	Dental caries-introduction	Dr kanika/ Dr.Parul	1
4.	Dental caries-aetiology and diagnosis	Dr kanika/ Dr.Parul	2
5.	Dental caries-histopathology	Dr kanika/ Dr.Parul	1
6.	Dental caries-diet and caries	Dr kanika/ Dr.Parul	1
7.	Dental caries-prevention and management	Dr kanika/ Dr.Parul	1
8.	Dental caries-caries vaccine	Dr kanika/ Dr.Parul	1
9.	Fundamentals of cavity preparation-introduction	Dr kanika/ Dr.Parul	1
10.	Steps of cavity preparations	Dr kanika/ Dr.Parul	4
11.	Recent in cavity prepartion	Dr kanika/ Dr.Parul	1
12.	Cutting instruments - introduction	Dr kanika/ Dr.Parul	1
13.	Hand cutting instruments	Dr kanika/ Dr.Parul	3

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14.	Rotary cutting instruments	Dr kanika/ Dr.Parul	2
15.	Matricing-introduction and Classification	Dr kanika/ Dr.Parul	1
16.	Types of matrices and its application	Dr kanika/ Dr.Parul	2
17.	Tooth separation	Dr kanika/ Dr.Parul	1
18.	Methods of tooth separation	Dr kanika/ Dr.Parul	1
19.	Wedges and wedging technique	Dr kanika/ Dr.Parul	1
20.	Composites-introduction	Dr kanika/ Dr.Parul	1
21.	History and composition of composites	Dr kanika/ Dr.Parul	1
22.	Classification of composites in detail	Dr kanika/ Dr.Parul	2
23.	Recent advancement in composites	Dr kanika/ Dr.Parul	2
24.	Properties of composites	Dr kanika/ Dr.Parul	1
25.	Clinical technique for composite placement	Dr kanika/ Dr.Parul	2
26.	Indirect restorations	Dr kanika/ Dr.Parul	2
27.	Bonding agents –introduction	Dr kanika/ Dr.Parul	1
28.	Enamel and dentin bonding	Dr kanika/ Dr.Parul	1
29.	Smear layer	Dr kanika/ Dr.Parul	1
30.	Classification of adhesive dentistry	Dr kanika/ Dr.Parul	2
31.	Amalgam –introduction	Dr kanika/ Dr.Parul	1
32.	Classification and composition of amalgam	Dr kanika/ Dr.Parul	3
33.	Setting reaction and indications ,contraindications of amalgam	Dr kanika/ Dr.Parul	2
34.	Recent advancements of amalgam	Dr kanika/ Dr.Parul	1
35.	Failure and causes of failure for amalgam	Dr kanika/ Dr.Parul	2
36.	Mercury hygiene recommendation and safety measures	Dr kanika/ Dr.Parul	2
37.	Direct filling gold-introduction	Dr. Renu/ Dr. Meenal	1
38.	Properties of DFG	Dr. Renu/ Dr. Meenal	2
39.	Types of gold and forms of gold	Dr. Renu/ Dr. Meenal	1

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40.	Steps of direct filling gold restoration	Dr. Renu/ Dr. Meenal	1
41.	Cements-introduction	Dr. Renu/ Dr. Meenal	1
42.	Zinc oxide eugenol cement	Dr. Renu/ Dr. Meenal	1
43.	Zinc phosphate cement	Dr. Renu/ Dr. Meenal	1
44.	Zinc polycarboxylate cement	Dr. Renu/ Dr. Meenal	1
45.	Silicate cement	Dr. Renu/ Dr. Meenal	1
46.	Calcium hydroxide cement	Dr. Renu/ Dr. Meenal	1
47.	Glass ionomer cement-introduction ,Classification,history and composition	Dr. Renu/ Dr. Meenal	1
48.	Setting reactions,indications and contraindications Properties, Clinical steps for placement	Dr. Renu/ Dr. Meenal	1
49.	Recent advancement in GIC	Dr. Renu/ Dr. Meenal	1
50.	Pulp protection-introduction	Dr. Renu/ Dr. Meenal	1
51.	Materials used for pulp protection and defence mechanism of pulp	Dr. Renu/ Dr. Meenal	1
52.	Patient evaluation,diagnosis and treatment planning	Dr. Renu/ Dr. Meenal	1
53.	Infection control	Dr. Renu/ Dr. Meenal	1
54.	Gnathological concepts of restoration;	Dr. Renu/ Dr. Meenal	1
55.	Physiology of occlusion,	Dr. Renu/ Dr. Meenal	1
56.	Occlusal rehabilitation and restoration.	Dr. Renu/ Dr. Meenal	1
57.	Normal occlusion	Dr. Renu/ Dr. Meenal	1
58.	Ideal occlusion mandibular movements and occlusal analysis	Dr. Renu/ Dr. Meenal	1

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THEORY SCHEDULE FOR **FINAL YEAR** BDS
ACADEMIC SESSION 2016-2017

Sno	Topic name	Faculty name	Hours Required
1.	Clinical Diagnosis	Dr Renu / Dr Meenal	2
2.	Pulp Vitality Test	Dr Renu / Dr Meenal	3
3.	Recent Advances	Dr Renu / Dr Meenal	2
4.	Classification of Disease of Pulp	Dr Renu /Dr Meenu	1
5.	Etiology of Disease of Pulp	Dr Renu / Dr Meenu	1
6.	Acute Irriversible Disease of Pulp	Dr Renu / Dr Meenu	1
7.	chronic Irriversible Disease of Pulp	Dr Renu / Dr Meenu	2
8.	Classification of Disease of Periradicular Tissue	Dr Renu / Dr Meenu	1
9.	Accute Periradicular diseases	Dr Renu / Dr Meenu	1
10.	Chronic Periradicular diseases	Dr Renu / Dr Meenu	1
11.	Discoloration of teeth	Dr Renu / Dr Meenal	1
12.	Vital Bleaching	Dr Renu / Dr Meenal	1
13.	Non vital Bleaching	Dr Renu / Dr Meenal	1
14.	Principle of endodontics Treatment	Dr Renu / Dr Meenu	2
15.	Pharmacology in endodontics	Dr Renu / Dr Meenu	1
16.	Microbiology in endodontics	Dr Renu / Dr Meenu	2
17.	Principal of culturing	Dr Renu / Dr Meenu	1
18.	Classification and etiology of Endo-perio lesions	Dr Renu / Dr Meenu	2
19.	Detail of Endo-perio lesions	Dr Renu / Dr Meenu	2
20.	Root canal Anatomy of maxilarry teeth	Dr Renu / Dr Meenu	1
21.	Root canal Anatomy of mandibulat teeth	Dr Renu / Dr Meenu	1
22.	Principal of Acess cavity preparation	Dr Renu / Dr Meenal	1
23.	Acess cavity preparation in anterior teeth	Dr Renu / Dr Meenal	1

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24.	Acess cavity preparation in posterior teeth	Dr Renu / Dr Meenal	1
25.	Principal of Working length determination	Dr Renu / Dr Meenu	1
26.	Different methods of Working length determination	Dr Renu / Dr Meenu	2
27.	Apex locaters	Dr Renu / Dr Meenu	1
28.	Introduction and classification of Endodontic instruments	Dr Renu / Dr Meenal	1
29.	Hand operated Endodontic instruments	Dr Renu / Dr Meenal	2
30.	Rotary Endodontic instruments	Dr Renu / Dr Meenal	1
31.	Basic principal of Bio-mechanical preparation	Dr Renu / Dr Meenu	1
32.	Different techniques of root canal preparation	Dr Renu / Dr Meenu	2
33.	Recent advances in bio-mechanical preparation	Dr Yogesh/ Dr Renu	2
34.	Endodontic irrigants	Dr Yogesh/ Dr Renu /	2
35.	Intra canal medicaments	Dr Yogesh/ Dr Renu /	2
36.	Obturation materials	Dr Yogesh / Dr Renu /	1
37.	Root canal sealer	Dr Yogesh / Dr Renu /	2
38.	Different Obturation technique	Dr Yogesh / Dr Renu /	2
39.	Recent advances in obturation	Dr Yogesh / Dr Renu /	2
40.	Classification of Traumatic injury of teeth	Dr Renu / Dr Meenal	1
41.	Management of Traumatic injury of teeth	Dr Renu / Dr Meenal	2
42.	Endodontic mishaps	Dr Renu / Dr Meenal	3
43.	Surgical endodontics	Dr Renu / Dr Neetu	2
44.	Peri apical surgery	Dr Renu / Dr Neetu	2
45.	Hemisection and Radisection	Dr Renu / Dr Neetu	2
46.	Intentional Replantation	Dr Renu / Dr Neetu	1
47.	Single visit RCT	Dr Renu / Dr Neetu	1
48.	Magnification in Endodontics	Dr Renu / Dr Neetu	1
49.	Root resorption	Dr Renu / Dr Meenal	1
50.	Lasers in conservative endodontics [introduction only]	Dr Renu / Dr Meenal	1

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	practice management		
51.	Professional association dentist act 1948 and its amendment 1993	Dr Renu / Dr Meenal	1
52.	Duties towards the govt. like payments of professional tax, income tax	Dr Renu / Dr Meenal	1
53.	Financial management of practice	Dr Renu / Dr Meenal	1
54.	Dental material and basic equipment management	Dr Renu / Dr Meenal	1
55.	Ethics	Dr Renu / Dr Meenal	1

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THEORY SCHEDULE FOR **THIRD YEAR** BDS
ACADEMIC SESSION 2016-2017

S.NO.	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr. Neetu /Dr. Meenal	1
2.	Examination & Diagnosis	Dr. Neetu /Dr. Meenal	1
3.	Diagnosis & treatment planning	Dr. Neetu /Dr. Meenal	1
4.	Isolation in operative dentistry	Dr. Neetu /Dr. Littik	1
5.	Equipment needed for isolation	Dr. Neetu /Dr. Littik	1
6.	Methods Used for gingival tissue management	Dr. Neetu /Dr. Littik	2
7.	Introduction of cutting instruments and Hand cutting instruments	Dr. Neetu /Dr. Littik	2
8.	Rotary cutting instruments	Dr. Neetu /Dr. Littik	1
9.	Cavity design for class I amalgam	Dr. Neetu /Dr. Meenal	1
10.	Cavity design for class II amalgam	Dr. Neetu /Dr. Meenal	1
11.	Cavity design for class III,V and VI	Dr. Neetu /Dr. Meenal	1
12.	Tooth colored Restorations	Dr. Neetu /Dr. Littik	2
13.	Recent advances in Tooth colored Restorations	Dr. Neetu /Dr. Littik	1
14.	Principles of Cast Restorations	Dr. Neetu /Dr. Littik	1
15.	Fabrication of wax patterns	Dr. Neetu /Dr. Littik	1

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16.	Investment of wax patterns	Dr. Neetu /Dr. Meenal	1
17.	Casting procedures	Dr. Neetu /Dr. Meenal	1
18.	Casting defect	Dr. Neetu /Dr. Meenal	1
19.	Designs of tooth colored restorations	Dr. Neetu /Dr. Meenal	1
20.	Additional conservative and esthetic treatments	Dr. Neetu /Dr. Meenal	1
21.	Direct composite veneering	Dr. Neetu /Dr. Meenal	2
22.	In Direct composite veneering	Dr. Neetu /Dr. Meenal	1
23.	Pin retained Restorations	Dr. Neetu /Dr. Littik	2
24.	Factor affecting retention of pins	Dr. Neetu /Dr. Littik	1
25.	Introduction of Lasers in conservative dentistry	Dr. Neetu /Dr. Meenal	1
26.	Uses of Lasers in conservative dentistry	Dr. Neetu /Dr. Meenal	1
27.	Recent advancements in isolation	Dr. Neetu /Dr. Meenal	1
28.	Adhesive dentistry	Dr. Neetu /Dr. Meenal	1
29.	Dentin bonding agents	Dr. Neetu /Dr. Littik	1
30.	Recent advancement in adhesive dentistry	Dr. Neetu /Dr. Littik	1
31.	Pain management in conservative dentistry	Dr. Neetu /Dr. Littik	1
32.	Die materials and preparation of dies.	Dr. Neetu /Dr. Meenal	1
33.	Preventive Measures in Restorative Practice	Dr. Neetu /Dr. Meenal	1
34.	Contact and contour of teeth	Dr. Neetu /Dr. Littik	1
35.	Temporisation and interim restoration..	Dr. Neetu /Dr. Littik	1
36.	Management of deep carious lesions	Dr. Neetu /Dr. Littik	1
37.	Non Carious Destruction's Tooth Structures	Dr. Neetu /Dr. Meenal	2

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38.	Hyper Sensitive Dentine And Its Management	Dr. Neetu /Dr. Meenal	2

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THEORY SCHEDULE FOR **SECOND YEAR** BDS
ACADEMIC SESSION 2016-2017

S.NO	Topic name	Faculty name	Hours Required
1.	Introduction to operative dentistry	Dr kanika/ Dr. Meenu	1
2.	Tooth nomenclature	Dr kanika/ Dr. Meenu	2
3.	Dental caries-introduction	Dr kanika/ Dr. Meenu	1
4.	Dental caries-aetiology and diagnosis	Dr kanika/ Dr. Meenu	2
5.	Dental caries-histopathology	Dr kanika/ Dr. Meenu	1
6.	Dental caries-diet and caries	Dr kanika/ Dr. Meenu	1
7.	Dental caries-prevention and management	Dr kanika/ Dr. Meenu	1
8.	Dental caries-caries vaccine	Dr kanika/ Dr. Meenu	1
9.	Fundamentals of cavity preparation-introduction	Dr kanika/ Dr. Meenu	1
10.	Steps of cavity preparations	Dr kanika/ Dr. Meenu	4
11.	Recent in cavity prepartion	Dr kanika/ Dr. Meenu	1
12.	Cutting instruments - introduction	Dr kanika/ Dr. Meenu	1
13.	Hand cutting instruments	Dr kanika/ Dr. Meenu	3
14.	Rotary cutting instruments	Dr kanika/ Dr. Meenu	2
15.	Matricing-introduction and Classification	Dr kanika/ Dr. Meenu	1
16.	Types of matrices and its application	Dr kanika/ Dr. Meenu	2
17.	Tooth separation	Dr kanika/ Dr. Meenu	1
18.	Methods of tooth separation	Dr kanika/ Dr. Meenu	1
19.	Wedges and wedging technique	Dr kanika/ Dr. Meenu	1
20.	Composites-introduction	Dr kanika/ Dr. Meenu	1
21.	History and composition of composites	Dr kanika/ Dr. Meenu	1
22.	Classification of composites in detail	Dr kanika/ Dr. Meenu	2
23.	Recent advancement in	Dr kanika/ Dr. Meenu	2

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	composites		
24.	Properties of composites	Dr kanika/ Dr. Meenu	1
25.	Clinical technique for composite placement	Dr kanika/ Dr. Meenu	2
26.	Indirect restorations	Dr kanika/ Dr. Meenu	2
27.	Bonding agents –introduction	Dr kanika/ Dr. Meenu	1
28.	Enamel and dentin bonding	Dr kanika/ Dr. Meenu	1
29.	Smear layer	Dr kanika/ Dr. Meenu	1
30.	Classification of adhesive dentistry	Dr kanika/ Dr. Meenu	2
31.	Amalgam –introduction	Dr kanika/ Dr. Meenu	1
32.	Classification and composition of amalgam	Dr kanika/ Dr. Meenu	3
33.	Setting reaction and indications ,contraindications of amalgam	Dr kanika/ Dr. Meenu	2
34.	Recent advancements of amalgam	Dr kanika/ Dr. Meenu	1
35.	Failure and causes of failure for amalgam	Dr. Littik/ Dr. Meenal	2
36.	Mercury hygiene recommendation and safety measures	Dr. Littik/ Dr. Meenal	2
37.	Direct filling gold-introduction	Dr. Littik/ Dr. Meenal	1
38.	Properties of DFG	Dr. Littik/ Dr. Meenal	2
39.	Types of gold and forms of gold	Dr. Littik/ Dr. Meenal	1
40.	Steps of direct filling gold restoration	Dr. Littik/ Dr. Meenal	1
41.	Cements-introduction	Dr. Littik/ Dr. Meenal	1
42.	Zinc oxide eugenol cement	Dr. Littik/ Dr. Meenal	1
43.	Zinc phosphate cement	Dr. Littik/ Dr. Meenal	1
44.	Zinc polycarboxylate cement	Dr. Littik/ Dr. Meenal	1
45.	Silicate cement	Dr. Littik/ Dr. Meenal	1
46.	Calcium hydroxide cement	Dr. Littik/ Dr. Meenal	1
47.	Glass ionomer cement-introduction ,Classification,history and composition	Dr. Littik/ Dr. Meenal	1
48.	Setting reactions,indications and contraindications Properties,	Dr. Littik/ Dr. Meenal	1

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	Clinical steps for placement		
49.	Recent advancement in GIC	Dr. Littik/ Dr. Meenal	1
50.	Pulp protection-introduction	Dr. Littik/ Dr. Meenal	1
51.	Materials used for pulp protection and defence mechanism of pulp	Dr. Littik/ Dr. Meenal	1
52.	Patient evaluation,diagnosis and treatment planning	Dr. Littik/ Dr. Meenal	1
53.	Infection control	Dr. Littik/ Dr. Meenal	1
54.	Gnathological concepts of restoration;	Dr. Littik/ Dr. Meenal	1
55.	Physiology of occlusion,	Dr. Littik/ Dr. Meenal	1
56.	Occlusal rehabilitation and restoration.	Dr. Littik/ Dr. Meenal	1
57.	Normal occlusion	Dr. Littik/ Dr. Meenal	1
58.	Ideal occlusion mandibular movements and occlusal analysis	Dr. Littik/ Dr. Meenal	1

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