



SRI SIDDHARTHA ACADEMY OF HIGHER EDUCATION

(DEEMED TO BE UNIVERSITY)

Declared under Section 3 of the UGC Act, 1956, MHRD GOI No. F.9-31/2006-U.3 (A) dated: 30/05/2008

Accredited 'A' Grade by NAAC

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2) Morphology

- Fusiform
- Saccular
- Pseudo
- Dissecting
- Cylindrical
- Berry

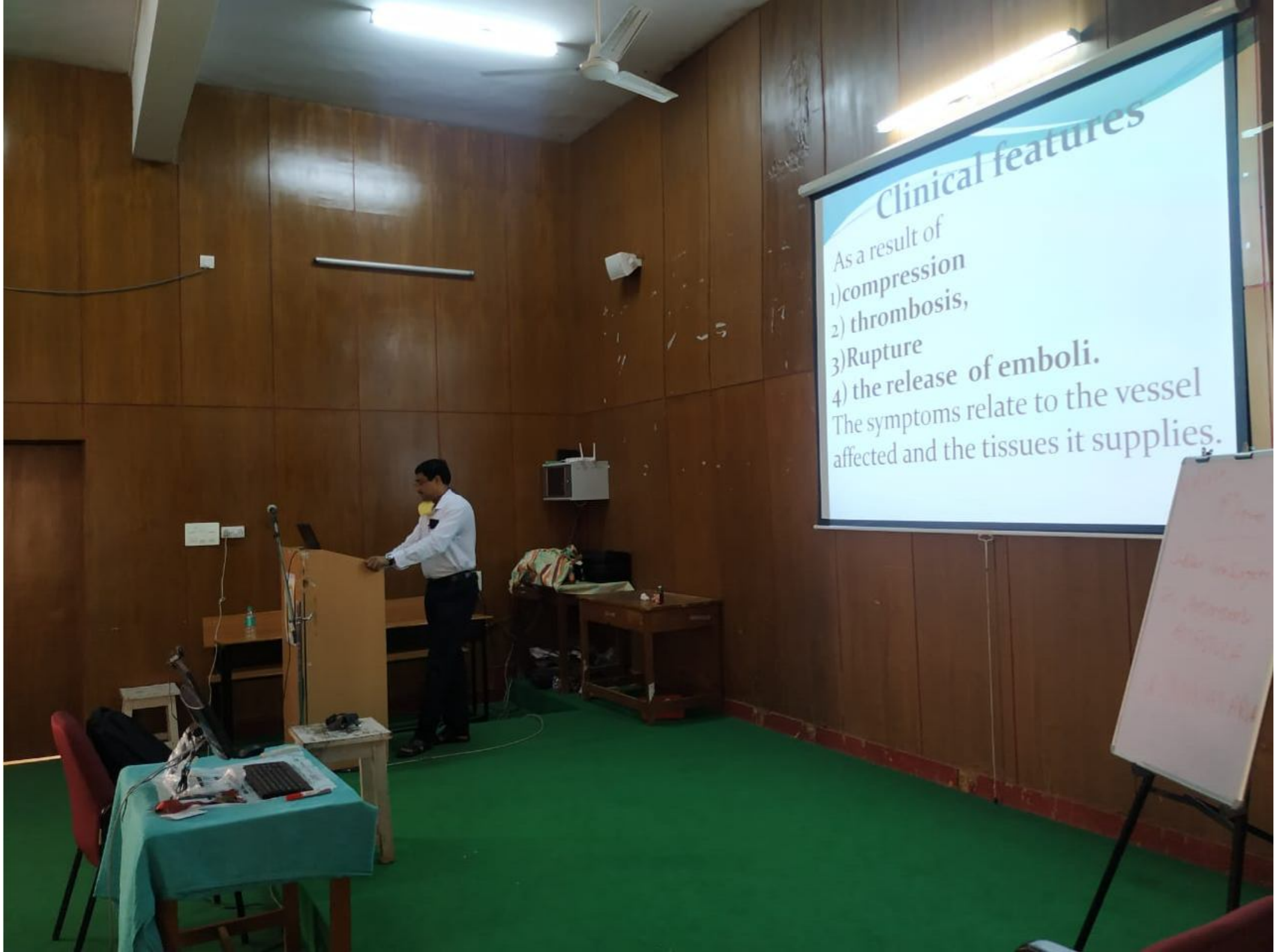


Clinical features

As a result of

- 1) compression
- 2) thrombosis,
- 3) Rupture
- 4) the release of emboli.

The symptoms relate to the vessel affected and the tissues it supplies.



3) Aetiology

- Atheromatous
- Mycotic (bacterial rather than fungal)
- Collagen disease
- Trauma



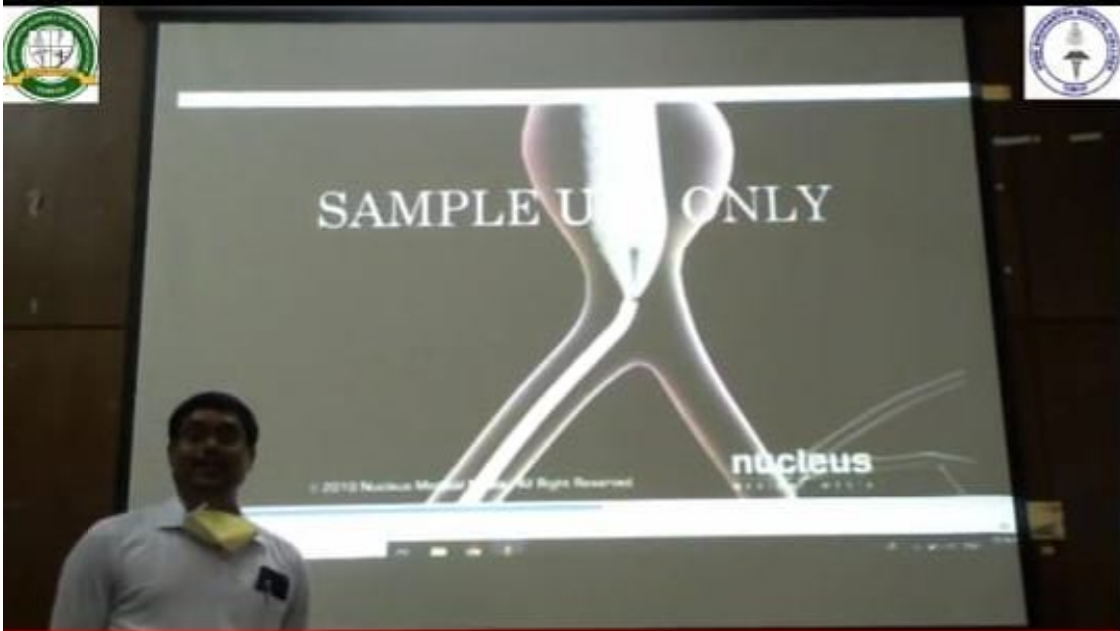
Rare causes of aneurysms

- Congenital-
 - Marfan's syndrome, Berry aneurysms
- Post-stenotic-
 - Coarctation of the aorta, Cervical rib, Popliteal artery entrapment syndrome
- Traumatic-
 - Gunshot, stab wounds, arterial punctures
- Inflammatory-
 - Takayaso's disease, Behcet's disease



Berry aneurysm





Live chat

Top chat 36



- 2:46 PM Sanjana Shekhar Sanjana Shekhar , 16SM1086 , roll no. 102
- 2:48 PM VENU GOPAL VENUGOPAL H R Roll No 135(16SM1123)
- 2:49 PM Sheetal Shetty Sheetal Shetty, 16SM1092 (108)
- 2:49 PM Sanahanbi Moirangthem Sanahanbi roll no69 (16sm1049)
- 2:50 PM Nikshep M.N Nikshep M Nagaraj roll no, 79 reg no 16SM1061
- 2:51 PM Srishti Sharma Srishti Sharma Roll no.119 (16SM1104)
- 2:54 PM shreyas v shreyas v 113(16sm1098)

Chat publicly as dr sathish Babu...

Information and Communication Technology (ICT) in education is the mode of education that use information and communications technology to support, enhance, and optimize the delivery of information. In Department of pedodontics and preventive dentistry, ICT has led to an improved student learning and better teaching method. It has been a way to improve the quality of education and make use of efficient technology in our institution.

The various ICT based learning tools for effective teaching learning processes we follow at institution level include:

- Smart Class

The smart class in SSDC has been set up in place for effective interactive Teaching – Learning. The smart class is equipped with high resolution multicolor LCD projector which has a contrast ratio of 15000:1 and has a HDMI port, the projector is equipped with Wi-Fi connect that makes it user friendly. The Interactive smart board with a 4 point multi touch feature makes the class more interesting and realistic with presentations using Active Inspire software. The multimedia speakers helps in playing audio and sounds that simulate a live environment for the students that helps them to understand the topic better.

Use of applications such as Cisco Webex which is the leading enterprise solution for video conferencing, online meetings, screen share, and webinars is used to share the screen of smart board so all students can view and record the live class for additional reference.

The department uses the facility on regular basis.

- Use of Power Point presentation

The Department encourages both the students and staff to use PowerPoint presentation for conducting classes/seminars. Innovative PowerPoint Presentations which include pictures, flowcharts, GIF's, animations and hyperlinks are used by staff to teach the students effectively. The post graduate students use PowerPoint presentations to present their seminars and journal clubs, the postgraduate students use PPT as an effective means to communicate in inter-departmental meets. The undergraduate students are encouraged to conduct classes using ppt's to share their knowledge and to develop headship under the guidance of staff.

- MCQ classes

The interns of SSDC are benefited with the MCQ classes which are conducted by the staff using ppt as a teaching tool every month Monday to Friday. The content of the presentation includes multiple choice questions with explanatory answers. Problem solving by understanding the subject, abstract thinking and elimination of choices is best explained by this means. The department is allotted 2-3 classes per month.

- e – Learning

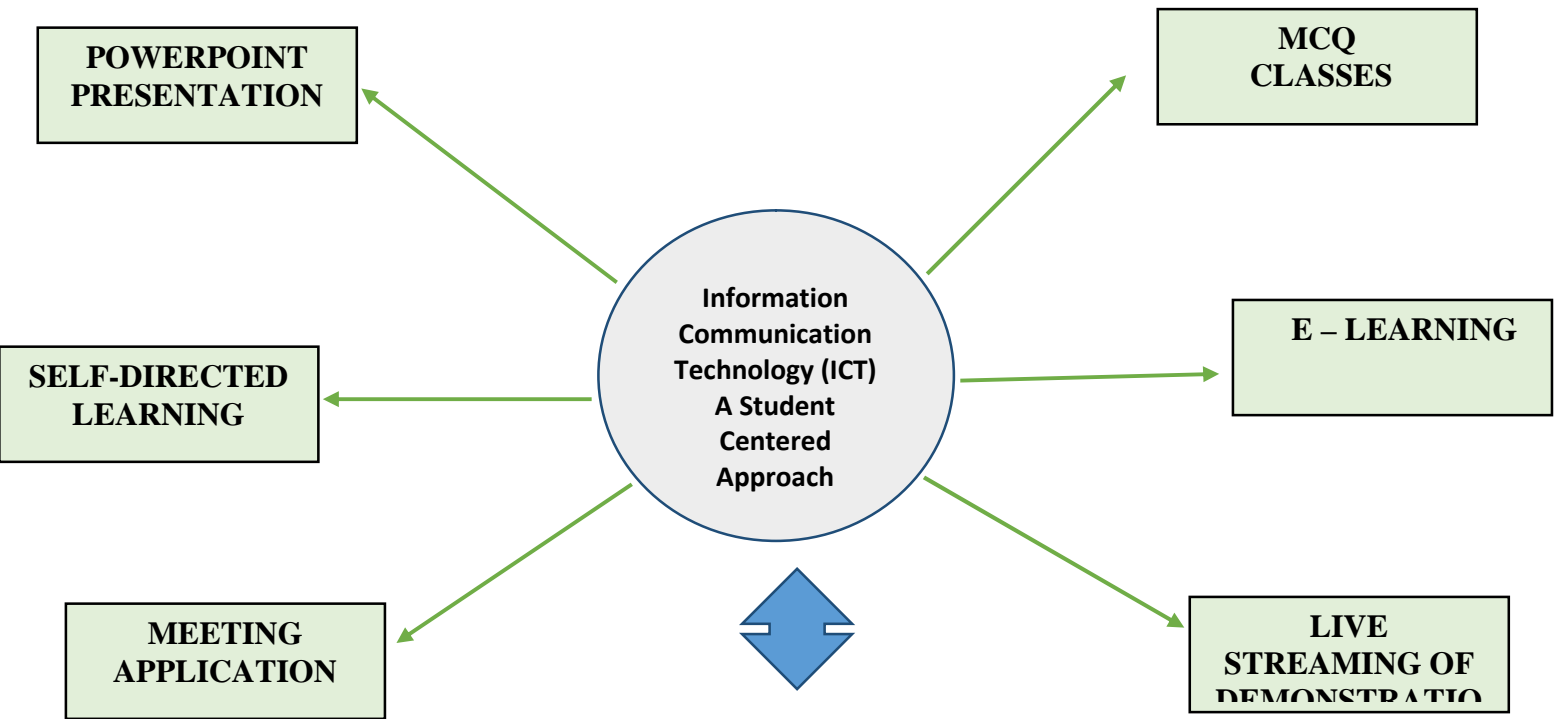
The e-Learning programme is a great initiative from Sri Siddhartha Dental College and Hospital.

The college has incorporated an e-learning section in its website <http://www.ssdctumkur.org> and the link to the same is <http://www.ssdctumkur.org/e-learning.html>.

The e-learning programme contains various videos created by the staff of department of pedodontics that are uploaded on the website under e-Learning section which can be easily accessed by the undergraduate and postgraduate students. Most of the content in e-Learning section are demonstrative videos which helps enhancing learning experiences and providing new sets of skills to the students. The section also contains external links that help in understanding the subject better.

- **Live streaming of demonstrations:**
Another milestone in ICT section includes the Online streaming of clinical procedures and demonstrations, which is set up in the departments of PEDODONTICS AND PREVENTIVE DENTISTRY. The live demonstration of clinical/ educative procedures are recorded live in a DSLR or mobile camera and is casted on to a laptop through a Wi-Fi interface, the laptop is connected to the projector through a VGA or HDMI cable and projected in the live class rooms simultaneously. This facilitates a small/medium or even a larger group of students to understand the most skill based procedures easily.
- **Use of meeting application during COVID Crisis:**
Online meetings with students are made using Webex and Zoom application to conduct online classes/seminars/webinars so as to fill the lacunae of TLE.

Information Communication Technology (ICT) – A Student Centered Approach



- ### Smart Class
- Innovative teaching
 - Realistic teaching approach
 - Live recording of classes
 - Webinars


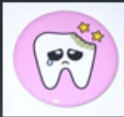
Vital

Contin
apical
class

REASONS FOR INTRODUCTION OF APEXIFICATION

- In the past, techniques for management of the open apex in non-vital teeth were confined to
- custom fitting the filling material, paste fills and
- apical surgery.

INHERENT DISADVANTAGES



Apical development or establishment of an apical barrier- first proposed in the 1960s

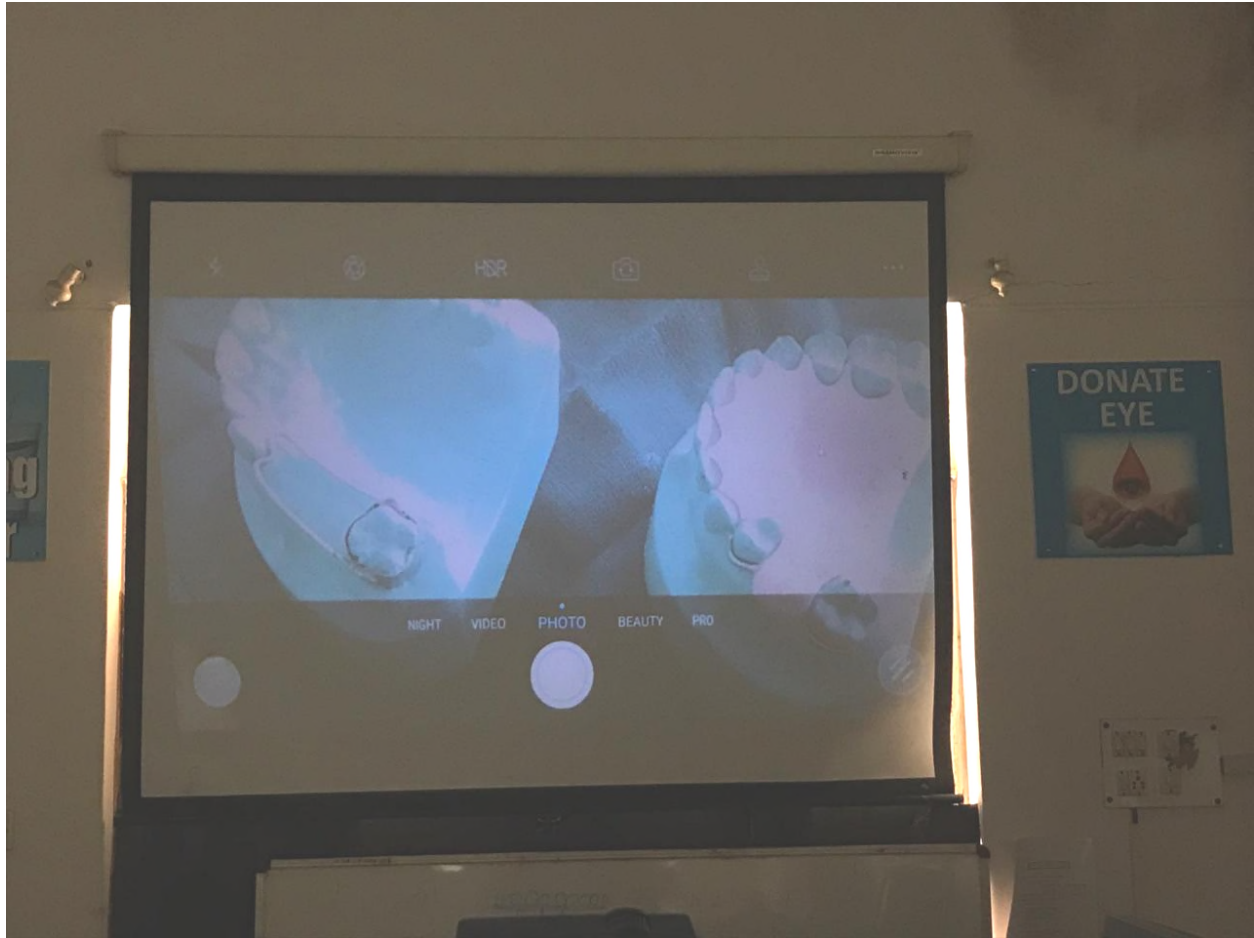
roll cone

Spatula

Smart Class Room





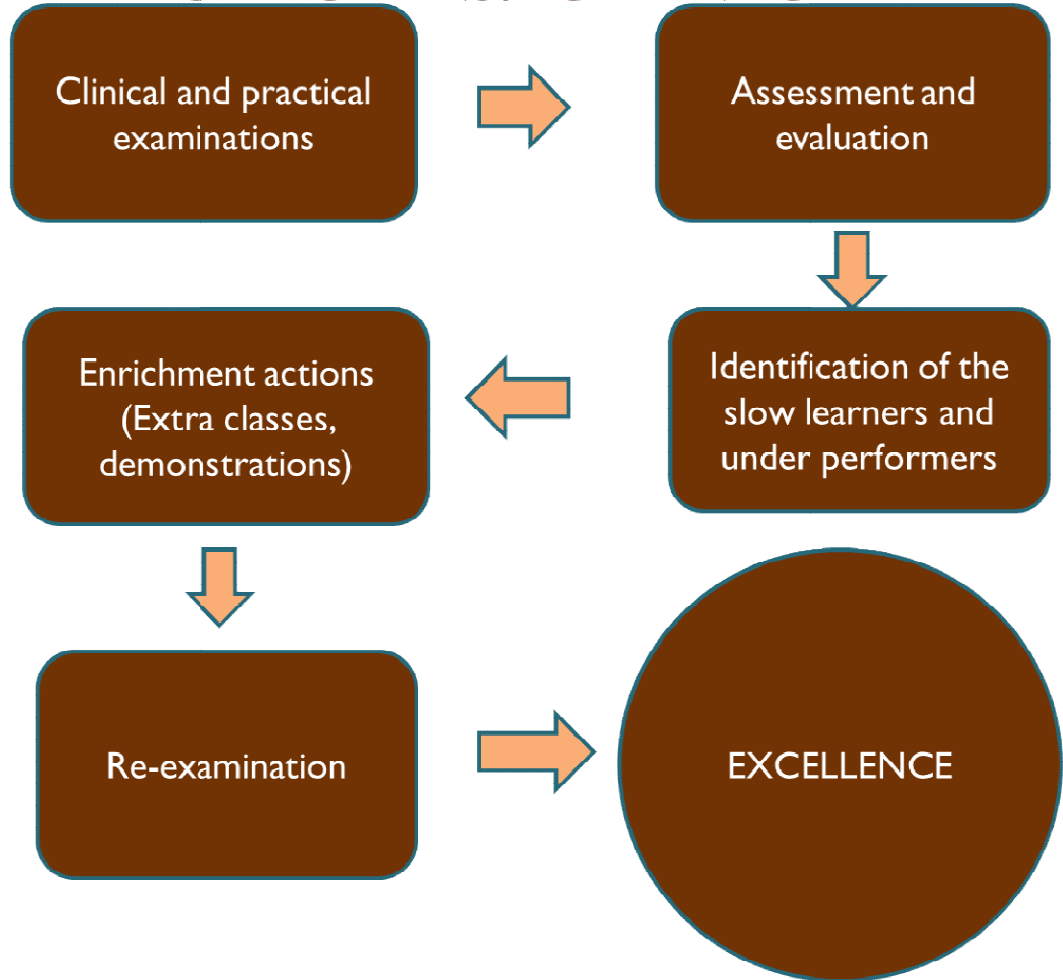


Online Streaming of Classes

e-learning videos uploaded to website

01.	Department of Pedodontics	Fluoride Varnish Application Tooth Numbering System Terminal Plane Molar Relationship T band Fabrication GIC type 9 manipulation GIC type 1 Manipulation Mechanism of Action - Topical Fluorides	https://youtu.be/XCohiVNVcbg https://youtu.be/_raYVipgQxw https://youtu.be/-dKh39QkFO0 https://youtu.be/CEgpHoO7ZZQ https://youtu.be/51gjnBfdN2A https://youtu.be/8JEI7BvGCcM https://youtu.be/CMrptBtwm_I
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METHOD OF EVALUATION: PRACTICALS/ CLINICAL



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Sl. No.	Name of the teacher	Name of the module	Platform on which module is developed	Link to the relevant document
1	Dr.B.H.Manjunath kumar	Solving All pairs Shortest path problem using Floyd's Algorithm	Google class room	https://drive.google.com/file/d/19m11ecK6Gamx0I-tjHhW0zBYYQEv9vRn/view?usp=sharing
2	Dr.B.H.Manjunath kumar	Solving Knapsack problem using Dynamic Programming	Google class room	https://drive.google.com/file/d/16j_3myRNA9J--QRbDBlodeSJMry1HzLH/view?usp=sharing
3	Dr.B.H.Manjunath kumar	Solving Single source Shortest path problem using Dijkstra's Algorithm	Google class room	https://drive.google.com/file/d/1YIKb3p0Tjyga4BbBWSw6Ip1VGM4UkaCW/view?usp=sharing
4	Dr.B.H.Manjunath kumar	Huffman coding	Google class room	https://drive.google.com/open?id=175iQZoiLPn1Vv8k5WXBvSRMoE0sFdXm1
5	Dr.B.H.Manjunath kumar	Introduction to Branch and Bound technique Solving Job assignment problem	Google class room	https://drive.google.com/open?id=1aQ-3ubhN5zraPxxV6jU-P92BRrDAIRPO
6	Dr.B.H.Manjunath kumar	Solving Knapsack problem using Branch and Bound technique.	Google class room	https://drive.google.com/open?id=1oD5PJT4f3mlc3XThXPbY_ObrHyy3ubSs
7	Dr.B.H.Manjunath kumar	Solving Travelling Salesman Problem using Branch and Bound Technique	Google class room	https://drive.google.com/open?id=1tCZ_ZKtWB7vJiu7jT2pgO2biG_kMYUwP
8	Dr.B.H.Manjunath kumar	Back Tracking N – queens problem	Google class room	https://drive.google.com/file/d/1ZliVoIKuBfBL9-PfxfWkHCGIusHZ-qkU/view

9	Pushpa R	paging in operating systems	Google class room	https://drive.google.com/a/ssit.edu.in/file/d/1FeidtpcnzNclq7SK8uWvws3akDybtDtA/view?usp=drive_sdk
10	Pushpa R	SLR parsing in SSCD	Google class room	https://drive.google.com/a/ssit.edu.in/file/d/1fDEIig3wQUiK-NEGfSfkQ9ZNm4Qt6g0d/view?usp=drivesdk
11	Dr.CHANAKRISHNA RAJU	Advance Computer Architecture	Youtube	https://www.youtube.com/watch?v=b9Hbgveoe_Q
12	Dr.V RAVIRAM	Functional Dependencies	Youtube	https://www.youtube.com/watch?v=p5a9Xo6hMks
13	BHARATH T S	Hashing	Youtube	https://www.youtube.com/watch?v=eLsL569p1gY
14	SOWMYA M N	Runtime Polymorphism	Youtube	https://www.youtube.com/watch?v=y8Z1wvDZMuk
15	Dr.C D Guruprakash	IEEE Standard for LAN's	Youtube	https://www.youtube.com/watch?v=f7CtWI4jMvk
16	G Nirmala	TCP Congestion Control	Google meet	https://www.youtube.com/watch?v=mCvlnorIvLg
17	Praveen Kumar Y G	Fabrication of MOSFETS and passive elements at submicron technology - video	Youtube	https://www.youtube.com/shorts/-zgmKYEvJt4
18	C R Mohan Kumar	Transistor types and diode current equation - video	Youtube	https://www.youtube.com/channel/UCYDbncRtlGuGr-8-2xsNkAA
19	Ashwini S Shivannanavar	Behavioral Modeling in Verilog programming - Video	Youtube	https://www.youtube.com/watch?v=0BOL_m30R5Q
20	Sharada Gupta M N	Basics of Low power VLSI Design - PPT	PPT	https://docs.google.com/presentation/d/1wtzDivPJ9oykdpNU3HOnW5OASo8fMPHB/edit?usp=sharing&oid=116002088880606113991&rtpof=true&sd=true
21	Haripriya R	Mobile and Wireless communication - PPT	PPT	https://docs.google.com/presentation/d/1ldus-P2Ffk8-mwW9KvZ6yoepr-c59gfV/edit?usp=sharing&oid=116002088880606113991&rtpof=true&sd=true

22	Praveen M	Microsystems fabrication Processes - PPT	PPT	https://docs.google.com/presentation/d/1ZOmIgsIdds70yIhgv2vFgth7Yg_yIX/edit?usp=sharing&oid=116002088880606113991&rtpof=true&sd=true
23	Dr. Chidananda Murthy M V	Cryptography (Hash Function Examples) - Video	Camstia studio	https://ssit.edu.in/videos/lecture%20videos/Cryptography%20(Hash%20function%20examples).mp4
24	Dr. Chidananda Murthy M V	Cryptography (Hash Functions Applications) - Video	Camstia studio	https://ssit.edu.in/videos/lecture%20videos/Cryptography%20(Hash%20functions%20applications).mp4
25	Dr. Chidananda Murthy M V	Cryptography (Man in Middle Attack) - Video	Camstia studio	https://ssit.edu.in/videos/lecture%20videos/Cryptography%20(Man%20in%20middle%20attack).mp4
26	Dr. M N Eshwarappa	Introduction to Internet of things	PPT	https://docs.google.com/presentation/d/1s3to6EAbtLTGggPNQQelwRai7wC8QVpx/edit?usp=sharing&oid=11600208880606113991&rtpof=true&sd=true
27	Dr. M N Eshwarappa	Review of mathematics for machine learning	PPTX	https://docs.google.com/presentation/d/1kl6hQeqvTC2UCXS251wKUKKFQ6-RhIZF/edit?usp=sharing&oid=116002088880606113991&rtpof=true&sd=true
28	Dr. C B Vinutha	Protocols for Wireless sensor Networks	PPT	https://docs.google.com/presentation/d/1k5wtcYFNj9VaMGykpiDQU-CT7A9WP1pl/edit?usp=sharing&oid=116002088880606113991&rtpof=true&sd=true
29	Dr. Shyla M K	Network Theory - basic circuit concepts	PPT	https://docs.google.com/presentation/d/13oSWxHpf2gOgeAUpnnPL4ZFIXiM-G0C/edit?usp=sharing&oid=116002088880606113991&rtpof=true&sd=true
30	Dr. Savitha C	Pattern Recognition	PPT	https://docs.google.com/presentation/d/191QFGpD_qLeymHs9Spv6AWqUs-3iEUcD/edit?usp=sharing&oid=116002088880606113991&rtpof=true&sd=true
31	Mrs. Champakamala S	Basics of Python Programming_PPT	PPT-Google drive	https://drive.google.com/file/d/1vZmMmWEec5miP-2RobxmEMq1lxH3mope/view?usp=sharing
32	Mrs. Champakamala S	Machine Learning Question Bank	PPT-Google drive	https://drive.google.com/file/d/1_Xz2J5-s-qT377Dfpms8fCgt7bwe9Fna/view?usp=sharing

33	Mrs. Vani B. V	Software Testing - Equivalence Class Testing_Notes	PPT-Google drive	https://drive.google.com/file/d/1p1Uhu5Yh2u3WIPbcI9Qe-VNIIbPvpgju/view?usp=sharing
34	Mrs. Vani B. V	Software Testing - Boundary Value Testing_Notes	PPT-Google drive	https://drive.google.com/file/d/1rC-epaX2KUg3rELn2xrtblr3uWlZVqH/view?usp=sharing
35	Mr. Prasanna Kumar M	Data and Analytics for IoT_Unit 4_IoT_PPT	PPT-Google drive	https://drive.google.com/file/d/1XvasbqJzNixwCj7pYlc77Lkw6NnPWvi3/view?usp=sharing
36	Mr. Prasanna Kumar M	Data Communication_Connecting devices and VLAN_PPT	PPT-Google drive	https://drive.google.com/file/d/1XjPDPW7ff12R02jRCregDM1O82cfPhoR/view?usp=sharing
37	Mr. Prasanna Kumar M	Data Communications-Video Lecture	mp4 - Google drive	https://drive.google.com/file/d/1N8HZDsKeqC9xvp_OsAQyeQ4R5xqmiCn/view?usp=sharing https://drive.google.com/file/d/1Pb0FsKi1ktCwUJIPxvaycZyd3WT-SMI5/view?usp=sharing https://drive.google.com/file/d/1s3D7Mkgf6NQtfDfdzDfaeqBvK3a1PIKD/view?usp=sharing https://drive.google.com/file/d/1fDpiN_m_20ouubtV9mHJW5cBkaBm4OM/view?usp=sharing https://drive.google.com/file/d/1Zu1dP4q9vX5oQE9CkwpaSAXOmtjiC_0Z/view?usp=sharing https://drive.google.com/file/d/12QY_bdccsg0WS4W6bfcS04tlnK5tUNqi/view?usp=sharing
38	Mrs Rashmi H C	Cryptography, Network Security and Cyber Law - Unit4 - IP Security_Notes	PDF - Google drive	https://drive.google.com/file/d/103KRprhZsl-Kojw8gAtKq3BrFMnugbjl/view?usp=sharing
39	Mrs Rashmi H C	Cryptography, Network Security and Cyber Law - Unit 5_Notes	PDF - Google drive	https://drive.google.com/file/d/1tCdIYC6bkQCI0NV3N4ZjQBmrw9OLbfAA/view?usp=sharing
40	Mr Pradeep M	Unit - 1 Fundamentals of Agile_PPT	PPT.pdf - Google drive	https://drive.google.com/file/d/1BKl79eQ9A5II1z1nz2mdYTqPZAr7HXzl/view?usp=sharing
41	Mr Pradeep M	Unit - 2 Agile SCRUM Framework_PPT	PPT.pdf - Google drive	https://drive.google.com/file/d/1JpHhklwjlDLDOGdgUOIISpeBRKqLBFaa/view?usp=sharing

42	Shivaraju G D	Sign Conventions and Variation of shear force and Bending Moment- Strength of Materials	Youtube	https://youtu.be/f8EBQba_t0k
43	Shivaraju G D	Analysis of Simply Supported Beams subjected to the Point Loads Strength of Materials		https://youtu.be/dKpnyRYMTmU
44	Shivaraju G D	Analysis of Simply Supported Beam Subjected to Point Load Strength of Materials		https://youtu.be/j9Tfvcl3n-M
45	Shivaraju G D	Types of Loads, Supports and Introduction to Beams Module-3 Strength of Materials		https://youtu.be/CdbWBX6dgCc
46	Shivaraju G D	Analysis of Simply Supported Beam Subjected to Point Loads P-1 Strength of Materials		https://youtu.be/80XVRzjNxHc

SL No	E-Content	Prepared by
1	Basics of Python Programming_PPT	Mrs. Champakamala S
	https://drive.google.com/file/d/1vZmMmWEec5miP-2RobxmEMq1IxH3mope/view?usp=sharing	
2	Machine Learning Question Bank	Mrs. Champakamala S
	https://drive.google.com/file/d/1 Xz2J5-s-qT377Dfpms8fCgt7bwe9Fna/view?usp=sharing	
3	Software Testing-Equivalence Class Testing_Notes	Mrs. Vani B V
	https://drive.google.com/file/d/1p1Uhu5Yh2u3WlPbcI9Qe-VNlIBpVpgiu/view?usp=sharing	
4	Software Testing-Boundary Value Testing_Notes	Mrs. Vani B V
	https://drive.google.com/file/d/1rC-epaX2KUG3rELn2xrtbiLr3uWlZVqH/view?usp=sharing	
5	Data and Analytics for IoT_Unit 4_IoT_PPT	Mr Prasanna Kumar M
	https://drive.google.com/file/d/1XvasbqJzNixwCj7pYIc77LKw6NnPWvi3/view?usp=sharing	
6	Data Communication_Connecting devices and VLAN_PPT	Mr Prasanna Kumar M
	https://drive.google.com/file/d/1XjPDPW7ff12R02jRCregDM1O82cfPhoR/view?usp=sharing	
7	Data Communications-Video Lecture	Mr Prasanna Kumar M
	DC-Data link control- Part1 _Video https://drive.google.com/file/d/1N8HZDsKeqC9xvp_OsAQy-eQ4R5xqmiCn/view?usp=sharing	
	DC-Data Link Control-part2_Video	

8	https://drive.google.com/file/d/1Pb0FsKi1ktCwUJlPxvaycZyd3WT-SMl5/view?usp=sharing	Mr Prasanna Kumar M
9	Unit 5-Wired LAN-Ethernet- Part1_Video https://drive.google.com/file/d/1s3D7Mkgf6NQtfDFdzDfaeqBvK3a1PlKD/view?usp=sharing	Mr Prasanna Kumar M
10	Unit 5-Wired LAN-Ethernet- Part2_Video https://drive.google.com/file/d/1fDpjiN m 20ouubtV9mHJW5cBkaBm4OM/view?usp=sharing	Mr Prasanna Kumar M
11	Unit 5- Wireless LAN- Part3_Video https://drive.google.com/file/d/1Zu1dP4q9vX5oQE9CkwpasAXOmtjiC 0Z/view?usp=sharing	Mr Prasanna Kumar M
12	Unit 5- Wireless LAN- Bluetooth- Part4_Video https://drive.google.com/file/d/12QY bdccsg0WS4W6bfcS04tlnK5tUNqi/view?usp=sharing	Mr Prasanna Kumar M
13	Cryptography, Network Security and Cyber Law –Unit 4 –IP Security_Notes https://drive.google.com/file/d/103KRprhZsl-Kojw8gAtKq3BrFMnugbjl/view?usp=sharing	Mrs Rashmi H C
14	Cryptography, Network Security and Cyber Law_UNIT 5_Notes https://drive.google.com/file/d/1tCdIYC6bkQCI0NV3N4ZjQBmrw9OLbfAA/view?usp=sharing	Mrs Rashmi H C
15	Unit-1 Fundamentals of Agile_PPT https://drive.google.com/file/d/1BKl79eQ9A5II1z1nz2mdYTqPZAr7HXzl/view?usp=sharing	Mr Pradeep M
16	Unit-2 Agile SCRUM Framework_PPT https://drive.google.com/file/d/1JpHhklwjlDLDOGdgUOIISpebRKqLBFaa/view?usp=sharing	Mr Pradeep M

17	Sign Conventions & Variation of Shear Force and Bending Moment Strength of Materials Mane Mestru https://www.youtube.com/watch?v=f8EBQba_tOk	Mr.Shivaraj G.D
18	Analysis of Simply Supported Beams subjected to the Point Loads Strength of Materials Mane Mestru https://www.youtube.com/watch?v=dKpnyRYMTmU	Mr.Shivaraj G.D
19	Analysis of Simply Supported Beam Subjected to Point Load Strength of Materials P2 Mane Mestru https://www.youtube.com/watch?v=j9Tfvcl3n-M	Mr.Shivaraj G.D
20	Analysis of Simply Supported Beam Subjected to Point Loads P-1 Strength of Materials Mane Mestru https://www.youtube.com/watch?v=80XVRzjNxHc	Mr.Shivaraj G.D
21	Analysis of Simply Supported beam with One Side Over Hanging SFD & BMD Module - 3 https://www.youtube.com/watch?v=Lc4e8ZONp6U	Mr.Shivaraj G.D
22	Pentagonal prism / Parallel Line Method/ Development Of Lateral Surface of Solids https://www.youtube.com/watch?v=q0e3Uq7u-rE	Puneeth K
23	Square Prism/ Parallel Line Method/ Development Of Lateral Surface of Solids https://www.youtube.com/watch?v=VGfHimIJRoo	Puneeth K
24	Isometric Projections / Combination of Solids /Cone on Cube/ CAED / Solid-edge software https://www.youtube.com/watch?v=wkQxEczM60E	Puneeth K
25	Isometric Projections / Combination of Solids /Frustum on Sq. Block/ CAED / Solid-edge software https://www.youtube.com/watch?v=W7_9]spisZI	Puneeth K

26	Isometric Projections / Combination of Solids / Sphere on Cube / CAED / Solid-edge software https://www.youtube.com/watch?v=o6RYqHvjoDU	Puneeth K
27	Three phase inverter https://youtube.com/channel/UCbVs4JnJSFOViAAyuZREjzw	Harsha J
28	Signals and Systems https://www.youtube.com/watch?v=EOYMIbA0iS0	Harsha J