



# 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

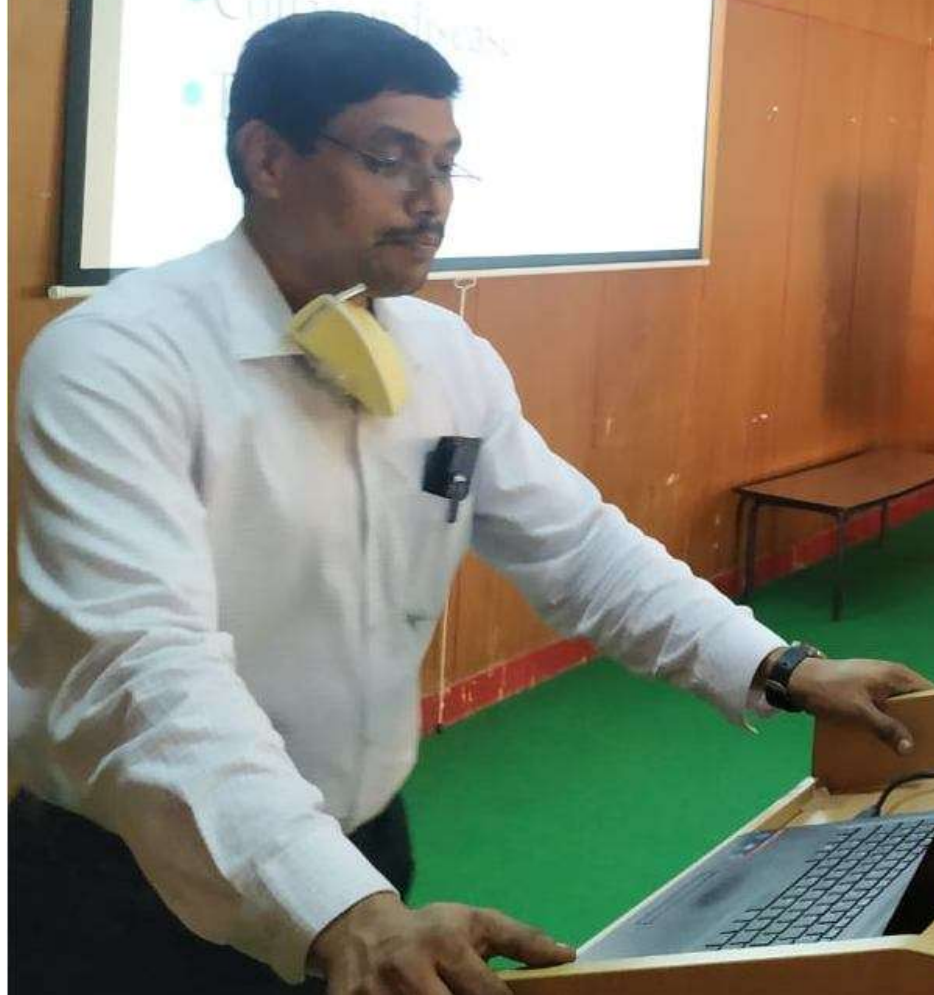
- 1) compression
- 2) thrombosis,
- 3) Rupture
- 4) the release of emboli.

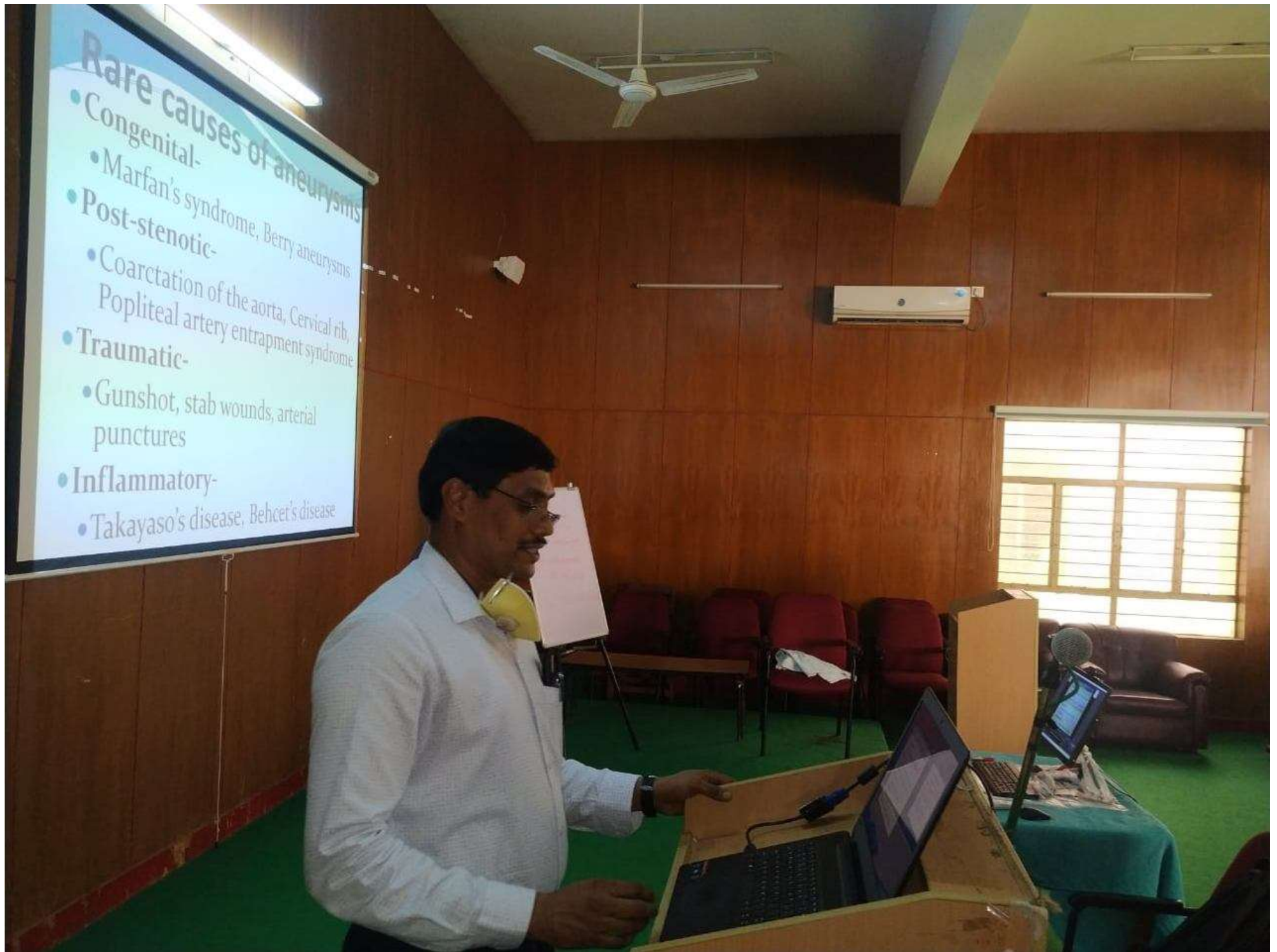
The symptoms relate to the vessel affected and the tissues it supplies.



### 3) Aetiology

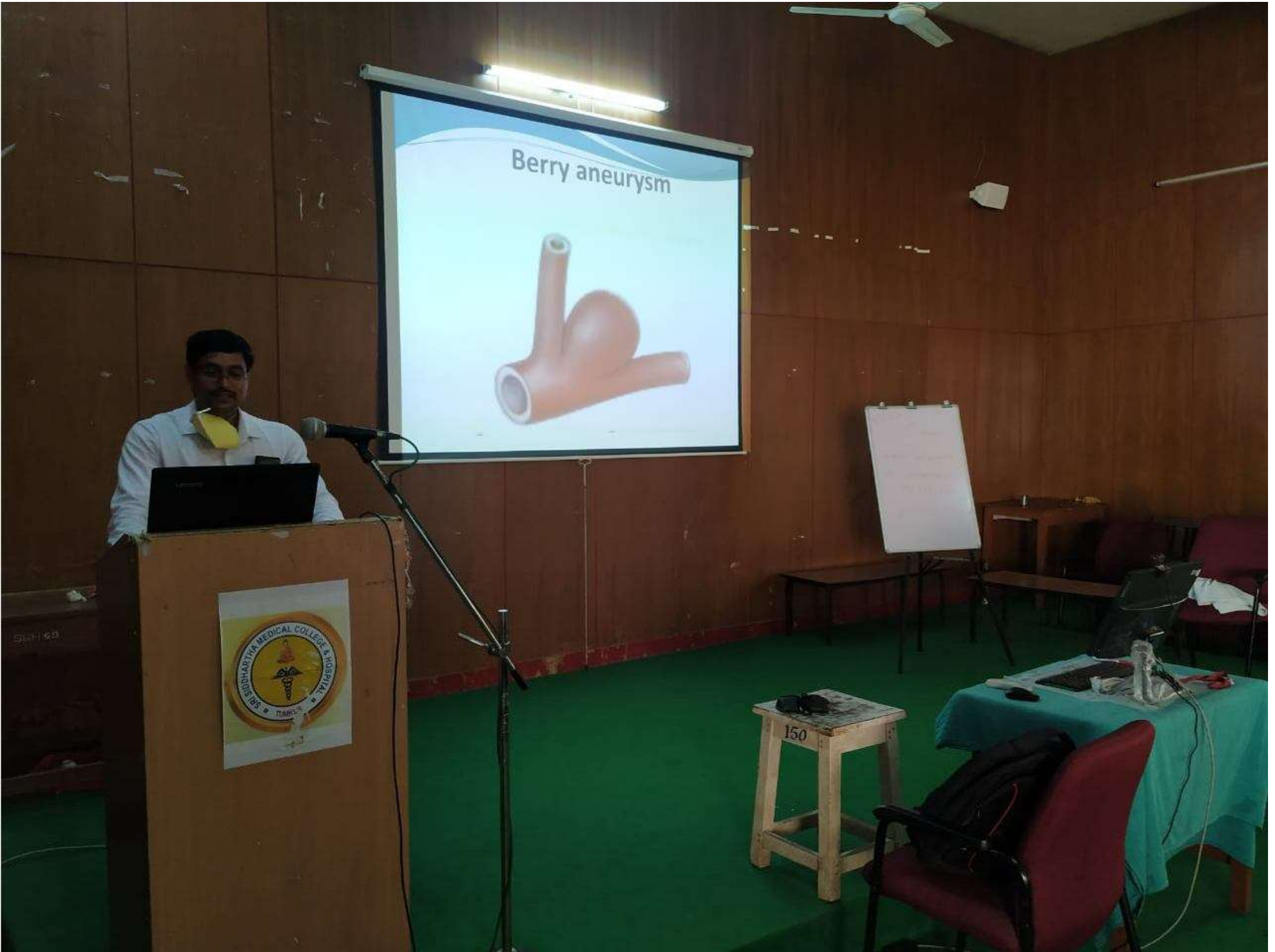
- Atheromatous
- Mycotic (bacterial, atypical fungal)
- Collagen disease
- Trauma





## 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

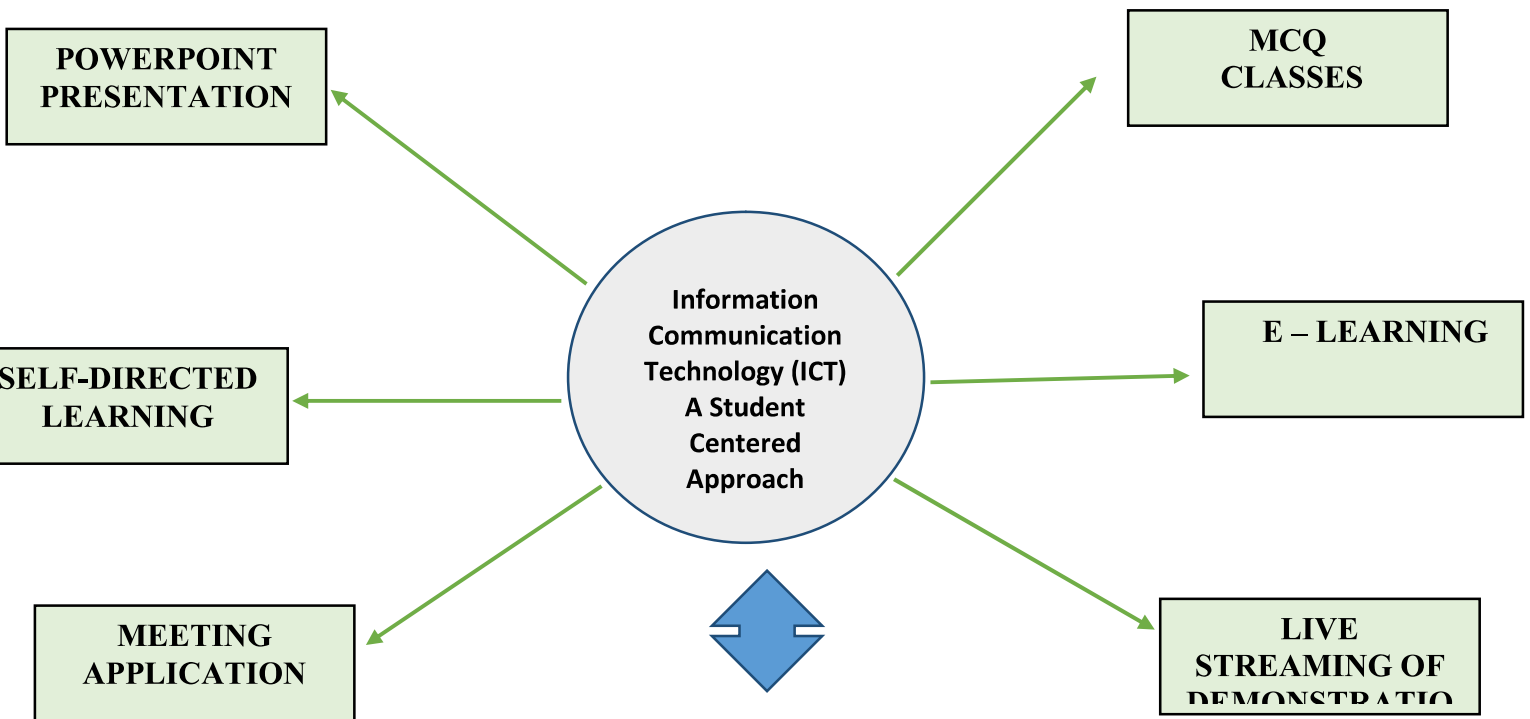
The e-Learning programme is a great initiative from Sri Siddhartha Dental College and Hospital.

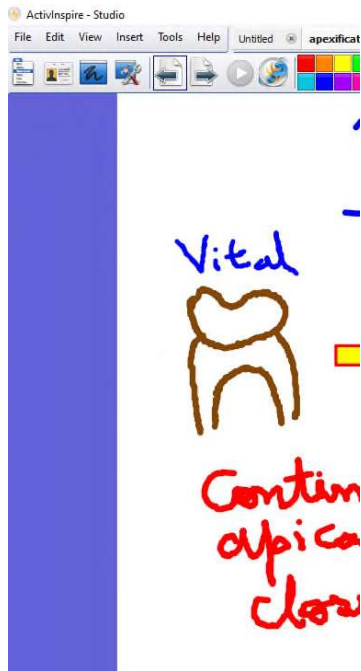
The college has incorporated an e-learning section in its website <http://www.ssdctumkur.org> and the link to the same is <http://www.ssdctumkur.org/e-learning.html>.

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

### 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

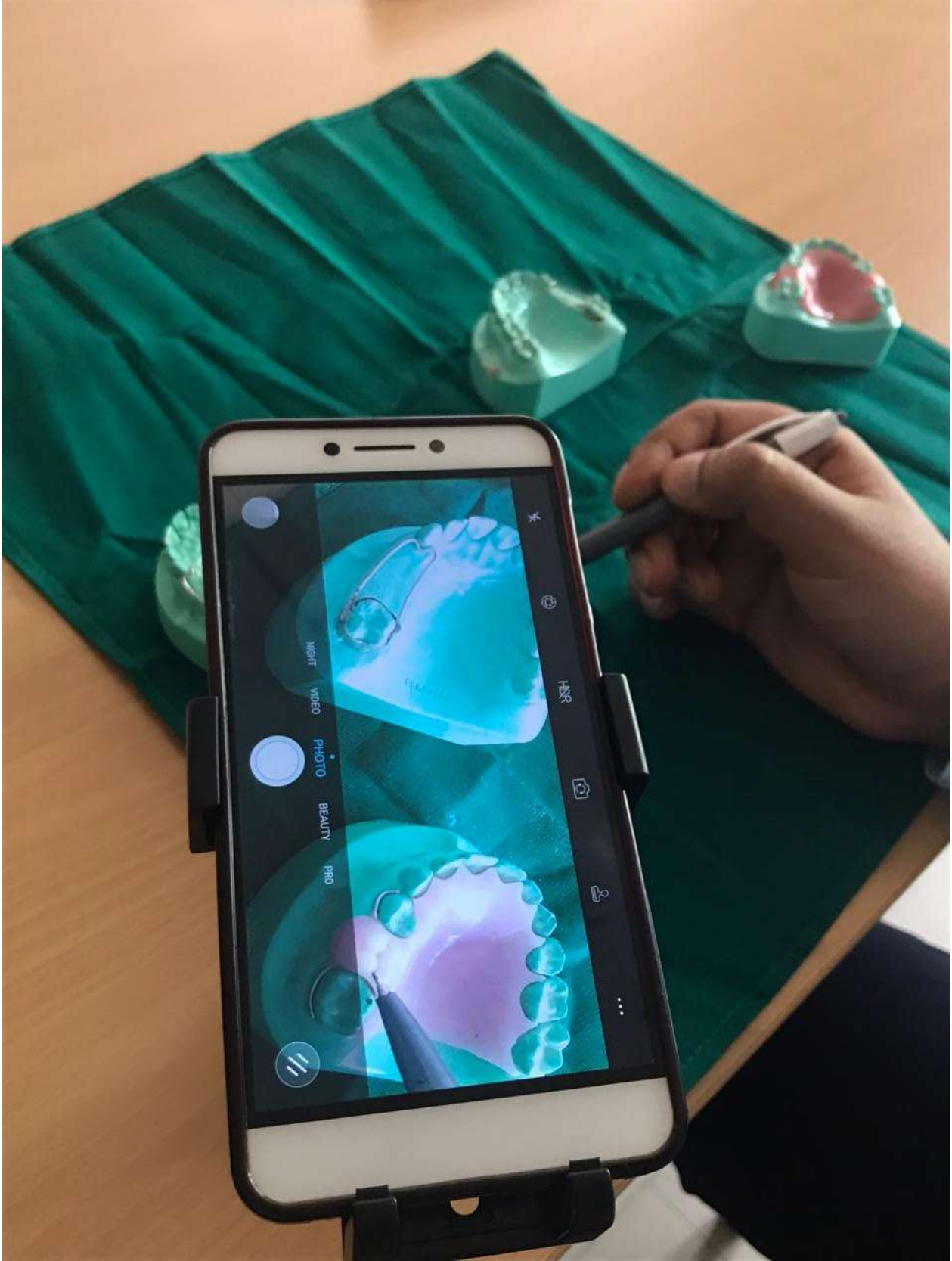
Apical development or establishment of an apical barrier- first proposed in the 1960s

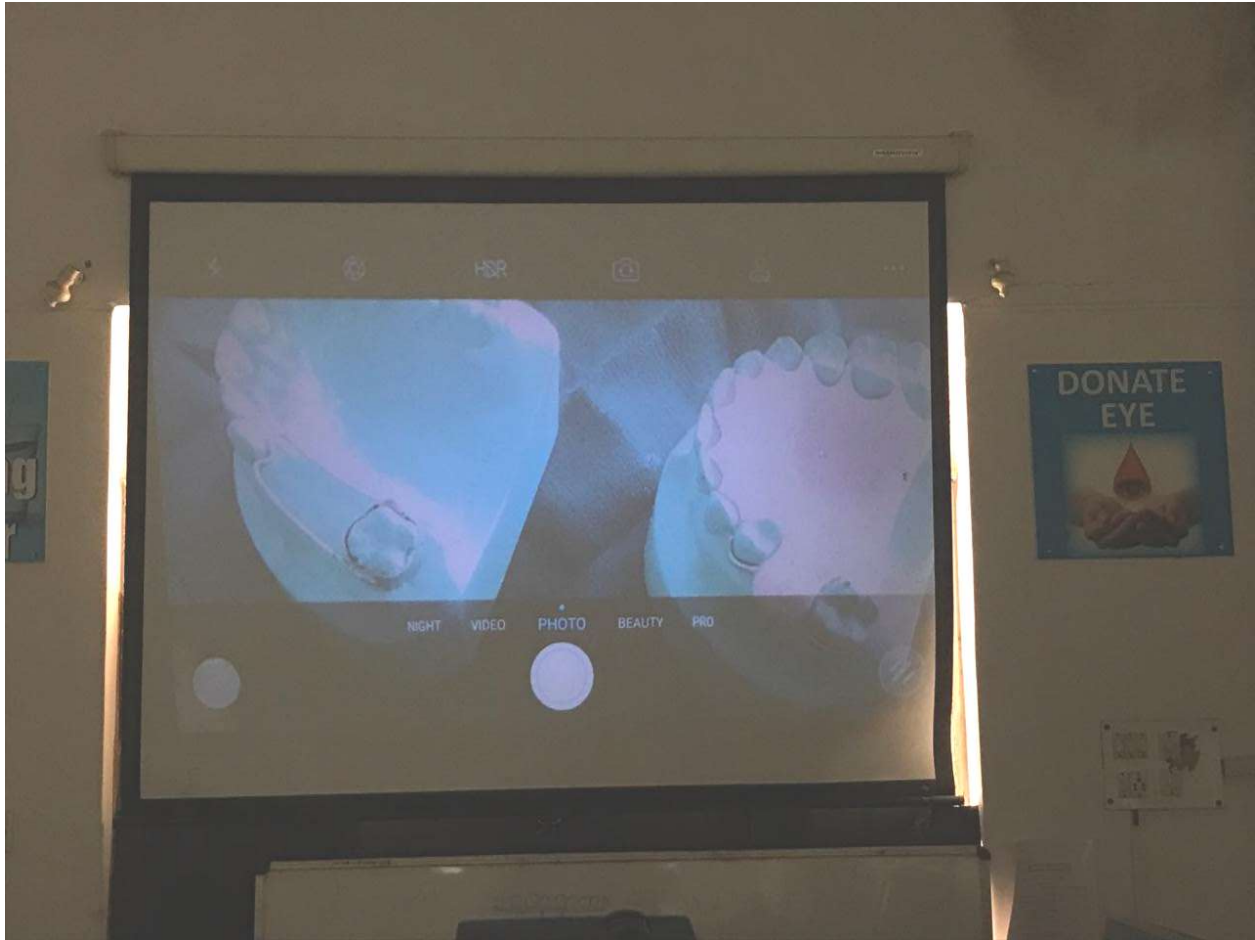
*roll cone*

*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	<a href="https://youtu.be/XCohiVNVcbg">https://youtu.be/XCohiVNVcbg</a> <a href="https://youtu.be/_raYVipgQxw">https://youtu.be/_raYVipgQxw</a> <a href="https://youtu.be/-dKh39QkFO0">https://youtu.be/-dKh39QkFO0</a> <a href="https://youtu.be/CEgpHoO7ZZQ">https://youtu.be/CEgpHoO7ZZQ</a> <a href="https://youtu.be/51gjnBfdN2A">https://youtu.be/51gjnBfdN2A</a> <a href="https://youtu.be/8JEI7BvGCcM">https://youtu.be/8JEI7BvGCcM</a> <a href="https://youtu.be/CMrptBtwm_I">https://youtu.be/CMrptBtwm_I</a>
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# METHOD OF EVALUATION: PRACTICALS/ CLINICAL

