

DETAILS OF ICT ENABLED TOOLS USED FOR TEACHING AND LEARNING

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. 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.

- **Smart Class**

The smart class 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.

- **Use of PowerPoint presentation**

Institution 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.

- **Use of meeting application during COVID Crisis:**

Online meetings with students are made using WebEx and Zoom application to conduct online classes/seminars/webinars You tube live streaming so as to fill the lacunae of TLE.

- **Class rooms with ICT facilities like LCD, Wi-Fi etc.**

Most of the class rooms are equipped with LCD projectors. In addition to conventional black board teaching, nearly 40 % of the courses are delivered using ICT.

- **Internet Bandwidth – LAN & Wi-Fi details**

Wi-Fi is extended throughout the campus including Hostels. All the computers are connected to LAN (wired/wireless). Internet access is provided through high speed fiber optic broadband of 250 Mbps bandwidth. Students and faculty are given authenticity to access internet.

- **MCQ classes**

The interns 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.

- **e – Learning**

The e-learning program contains various videos created by the college staff that are uploaded on the website under e-Learning section which can be easily accessed by the undergraduate and postgraduate students.

- **Live streaming of demonstrations:**

Another milestone in ICT section includes the Online streaming of clinical procedures and demonstrations, which is set up in all the departments. The live demonstration of clinical/ educative procedures are recorded live in a DSLR or mobile camera and is casted on to a laptop.

- **Online Learning**

In addition to class room learning, facility has been created to learn through online courses, Institute possess 3000hrs of video lectures, NPTEL videos, e_Books, IEEE explore (Digital version). The students are encouraged to take online courses SWAYAM and MOOC. They will be awarded the grade for those courses after evaluation as per norms.

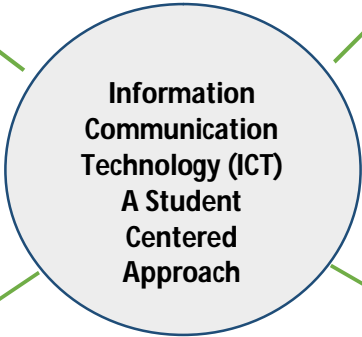
The digital library provides the following services to the faculty and students:

- ASME Journals connect: IP enabled access –Campus wide connectivity
- IEEE Digital Library: IP enabled access –Campus wide connectivity
- ASCE Digital Library: IP enabled access –Campus wide connectivity
- N List(UGC/INFLIBNET): User ID & Password given in Brochure
- DELNET Database: User ID & Password given in Brochure

Information Communication Technology (ICT) – A Student Centered Approach

POWERPOINT PRESENTATION

MCQ CLASSES

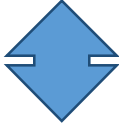


E – LEARNING

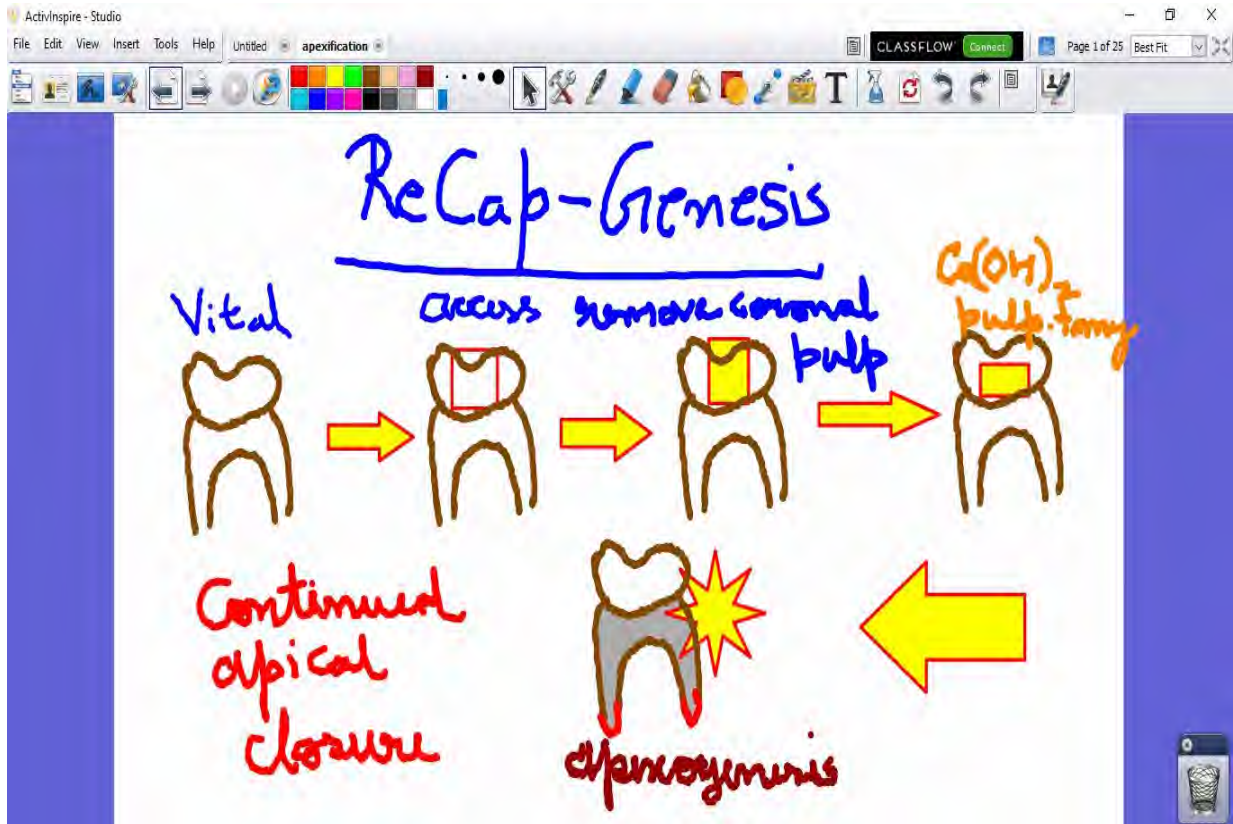
SELF-DIRECTED LEARNING

MEETING APPLICATION

LIVE STREAMING OF DEMONSTRATIO



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



ActivInspire - Studio

File Edit View Insert Tools Help Untitled apexification CLASSFLOW Connect Page 6 of 25 Best Fit

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

roll cone

Spatula

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





ARTICLE

Dr. Balakrishna Shetty, VC, Sri Siddhartha University Tumakuru, Bangalore calls for effective digital learning

By digitalLEARNING Network

Posted on March 26, 2020



For long time we thought Education is Teaching and Learning, Data Collection, Grasping, Memorizing, reproducing in the Exams and getting good marks etc. With the advent of digital data all the above roles of education appear baseless. It is now well understood that Education is nothing but making our students knowledgeable or Wise.



In this context digital learning is increasingly becoming popular with students. The present situation in India and abroad has given an opportunity for all of us. Sri Siddhartha Academy of Higher Education has taken special measures to help the students:

1. All faculty members are requested to outline the curriculum for the 21 days and asked to prepare their on line lectures. Where ever not possible they are asked to identify similar lectures from National or International Universities/ Digital Education providers.
2. Answer first and discuss next methodology: All students are asked to study the subject, prescribed by the faculty through digital lectures of our University. About 15- 20 questions were given to all students at the end, answers collected and common mistakes are clarified by the faculty members through on line chat software.
3. Flipped Class Rooms: Instead of one way lectures in the class rooms students are asked to learn at home from online lectures. Lecture notes and PPTs of the faculty members are shared with the students whenever necessary.
4. Student and faculty involvement are evaluated on daily basis by the HOD/ Academics Head.

These methodologies will:

1. Flip the education from Classroom to Home and Teaching to Learning.
2. Remove the apprehension in the minds of faculty members to finish the syllabus. This concept is known as uncovering the syllabus instead of covering the syllabus.
3. Remove the compulsion of attendance.
4. Enhance the intellectual energy of students, improve the level of understanding, help in

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Academy Partner: **elets ACADEMY** | Knowledge Partner: **DL Digital Learning** | Online Learning Partner: **courseera for Campus**

LIVE WEBINAR

DATE: 8 MAY 2020 | TIME: 03.00 PM - 04.00 PM

"COVID-19. CHANGING CHALLENGES INTO OPPORTUNITIES. CONTINUED LEARNING AND ROLE OF TECH IN ACADEMIA"

KEY PANELISTS



Dr. Ravi Gupta
Moderator
CEO & Editor-in-Chief
Elets Technomedia Pvt Ltd



Dr. Balakrishna Shetty
Vice Chancellor
SI Siddhanta Academy of
Higher Education
Tumkur, Karnataka



Dr. Sivaguru S Sritharan
Vice Chancellor
M. S. Ramaiah University of
Applied Sciences
Bengaluru, Karnataka



Dr. A. Azad
Regent
BS Abdur Rahman Crescent
Institute of Science and
Technology, Chennai, Tamilnadu



Sasipraba T.
Pvt Vice Chancellor
Sathyabama Institute of Science
and Technology,
Chennai, Tamilnadu



Raghav Gupta
Managing Director, India
& APAC
Coursera

OUR INITIATIVES:    

WEBINAR WILL BE BROADCASTED IN 

[Register Now!](#)

For more queries please contact:
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World Forum for Education (WFE) & Bharatiya Engineering Science and Technology Innovation University (B.E.S.T.I.U.)

Support:   

HOST: 
Dr. Rupa Vasudevan
Chancellor
BEST Innovation University, AP

Presents:
Technology Adoption in Education During Covid Times – Part 5
A Global Perspective
May 30th 2020
12:00 PM IST to 1:30 PM IST

Moderator: 
Dr. D.L. Maheshwar
Vice Chancellor
BEST Innovation University, AP

SPEAKERS



Shrikanth Baldi
IAS (Retd)
Ex Chief Secretary
Government of
Himachal Pradesh



Dr. SP Tiwari
Vice Chancellor
NDVS University
Jabalpur,
Madhya Pradesh



Dr. BP Shetty
Vice Chancellor
SAHE University
Tumakuru,
Karnataka



Prof Srinath Rao
Expert International
Accreditation of
Higher Education,
India



Prof Rajesh Padmar
Academician &
Social Media
Activist, Karnataka



Martin Jacobson
Founder & CEO
Supertext &
SMSgrupp
Sweden

Registration Link: bestiu.edu.in/vcmeet | Webinar Link will be shared with only registered participants

For More Queries Please Contact: +91 6366115252 | info@bestiu.edu.in

www.bestiu.edu.in | www.worldforumforeducation.org

Resource Persons

Dr Rajesh Kumar Dixit
Professor Department of Pharmacology & Therapeutics, King George's Medical University Lucknow

Dr Lokendra Sharma
Sr Professor of Pharmacology SMS Medical College Jaipur

Dr D. Doreen Robin
Director, Computational Intelligent Research Foundation, Chennai

Dr Anurupa K.
Prof and Head, Dept of Pharmacology, SSIMS&RC, T Begur

Dr Monica Jain
Sr Professor and head Department of Pharmacology SMS Medical College Jaipur

Dr C.R. Rene Robin, Associate Professor(CSE) & Associate Dean, Jerusalem College of Engg Chennai

Dr Anil Kumar Maneshwar
Associate professor Dept of Biochemistry GAIMS, Bhub

Dr Shilpa M
Associate professor Dept of Physiology SSIMS&RC, T Begur

Registration Fees: Rs 200/-
Limited Participants
E Certificates to all Participants (Mandatory to attend)
Registration before: (last Date: 20th July 2020)
Contact Number: 9481629498
E Mail ID: scientificcommitteessims@gmail.com

KMC Credit Hours: Karnataka Medical Council has allotted "THREE CREDIT HOURS" for the Symposium. KMC will allot three credit hours for participants only after confirming the attendance for all three sessions through LMS report

For Registration
Click here

Introduction to the Symposium

The guidelines for undergraduate teaching of MBBS graduates propose that not more than 1/3rd of the schedule should comprise of didactic lectures. Rest should come from group discussions, tutorials and other interactive methods of teaching. There are many areas which requires self directed learning and collaborative learning. E Learning acts an excellent methodology for blended learning where some of the learning can be easily incorporated along with class room learning. With the pandemic of Covid 19 looming around longer than we thought, it has become imperative that we need to prepare for E content development, delivery and assessment earlier than required. So E Learning not only helps us to tide over the recent crisis but also acts as an excellent method for holistic learning in future also. Even as per the guidelines by some of the accreditation agencies like NAAC, E Learning resource management is also one of the requirements.

We Cordially invite you to participate in

Virtual Symposium

ON

E Content Development, Delivery and Assessment!

For more details visit www.sims.ac.in | www.kgmucollege.edu.in | www.kgmucollege.ac.in | www.kgmucollege.org | www.kgmucollege.edu

Organized By
Scientific Committee (Faculty, Computer, Students) / Admin / Collaboration with Member / Local Area (University / Alumni)

For Whom?

All Academicians who are intended to upskill themselves with E Learning Development, Delivery & Assessment Skills

Practical Note: Full details has to be filled in the Registration forms when submitting the form through the registered Email address so that the certificates can be Reverted back to the same mail

Venue: Online Webinar

Link will be shared to registered participants

Schedule:
July 23rd 2020 Timings 2 pm – 4pm
July 24th 2020 Timings 2 pm – 4 pm
July 25th 2020 Timings 10 am – 12 noon

Eminent External Speakers



Dr. Rajesh Kumar Dixit is Professor in Department of Pharmacology at KGMU LUCKNOW. He has published 150 papers including original research articles, review, case reports, letters to editor, book reviews etc. He has published one book. He is an editorial board member of three journals and reviewer board member of five journals. He has posed many e-learning.

Dr C R Rene Robin, He has been working in Department of Computer Science and Engineering, Jerusalem College of Engineering, Chennai-109. Currently he is working as Professor & Associate Dean. He wrote a book on "Role of Ontology in Software Risk Management – KM Approach". He received "Mentor Award" from IEM.

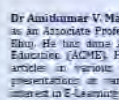


Dr. D. Doreen Robin is the director of Computational Intelligence Research Foundation. She has published about 30 papers in International and National Journals and Conferences. She is a reviewer for Computer and Electrical Engineering Journal and Future Generation Computer Science journal.

Dr. Monica Jain is senior professor and HOD of Pharmacology at SMS Medical College Jaipur. She is Coordinator MEd, member of institutional status committee, member PC research review board, resource faculty of faculty training program She is co-editor Rajasthan medical journal. She has actively organized many scientific events.



Dr. Lokendra Sharma is senior professor in pharmacology at SMS Medical college Jaipur. He has published 50 national and international research articles. He has presented his research work in international conferences (Australia, USA, Vietnam, Japan). He is working in international collaborative with Manchester University, UK on numerous projects. He has received prestigious WHO fellowship.



Dr Anish Kumar V. Maneshwar (MSc, MD) is working as an Associate Professor in Biochemistry at GAIMS - Bhub. He has done Advanced Course in the Medical Education (ACME). He has published many scholarly articles in various high indexed journals given presentations at various conferences. He has been involved in E-Learning in Medical Education.



Curtain Raiser



Dr Balakrishna Shetty known as one of the youngest Vice-Chancellors. He is recipient of National Merit Scholarship and DGS Scholarship for Higher studies. He is one of the very few Foreign Medical Graduates to get the Fellowship in Body Imaging from Baylor College of Medicine in 1995. He is known in the international

arena for developing the MRI PET technology for early detection and staging of Cancer without Radiation. He has many Scientific Publications for his credit. He is a Vice President for Society for Development of Science in Africa (SDSA) to implement Tele Radiology and Higher Education projects in Africa. He is a Member Malaysian Scientific Assembly, Member Karnataka Knowledge Commission, Member Karnataka Higher education Council, Co-Chair, Technology in Education, Karnataka Knowledge Commission and member of many private universities. Delivered many lectures on many Television health shows with regard to general health tele-radiology and telemedicine.

Introduction to the Topic

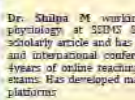
Dr D S Vaidya is a Professor of Pathology with 35 years of experience in teaching. Founder principal for SSIMS&RC, Bengaluru. Founder Principal for ADM&RC, Davanagere. Expertise in Organizing Camp, Managing Medical Diagnostic Laboratories. He has an exceptional knowledge in Administrative Procedures. Former Senate Member, Academic Council Member, PhD screening committee member, Chairman, BMS Paramedical Course at the Health University of Karnataka India. Expertise in the establishment of new Medical College & Teaching Hospital of Bangalore Medical College Camp, Kasarbhavi, Bangalore Fellowship from Academy of Medical Sciences, Indian Medical Association, New Delhi.



Institutional Speakers



Dr. Narayana K. is a Professor and Head of Pharmacology, SSIMS&RC, T Begur. He is International Board-certified Lifestyle Medicine Specialist. He has published many articles and presented papers. He has created and presented many E contents in youtube. He has used and tested many platforms for online proctoring of Exams.



Dr. Shilpa M working as Associate professor physiology at SSIMS & RC T. Begur. Has many scholarly article and has presented in various national and international conferences. Has an experience of 4 years of online teaching for Post graduate entrance exams. Has developed many E contents for many LMS platforms.



Program Schedule

July 23rd 2020

2:00 pm – 2:05 pm : **Dr Balakrishna P. Shetty, Vice Chancellor, SSAHE, Tumkur**

"Curtain Raiser"

2:05 pm – 2:10 pm : **Dr Vasudev D S, Principal, SSIMS & RC, T Begur**

"Introduction to the Topic"

2:10 pm – 2:30 pm : **Dr Rajesh Kumar Dixit, Professor of Pharmacology, KGMU Lucknow**

"Why is online teaching important? (E-learning)"

2:30 pm – 3:00 pm : **Dr Rene Robinson, Vice Dean, JCE, Chennai**

"Planning Online Learning"

3:00 pm – 3:30 pm : **Dr D Doreen Robin, Director of Computational Research, Chennai**

"Online Resources"

3:30 pm – 4:00 pm : **Question & Answer Session**
Moderator: **Narayana K.**

July 24th 2020

2:00 pm – 2:05 pm : **Dr Narayana K., Prof and Head of Pharmacology, SSIMS & RC, T Begur**

2:05 pm – 2:10 pm : **Engaging and Motivating Students in an online session"**

2:10 pm – 2:40 pm : **Dr Amit Maneshwar, Associate Professor of Biochemistry, GAIMS-Bhub, Gujarat**

"Online Assessment Strategies"

2:40 pm – 3:00 pm : **Dr Shilpa M, Associate Professor of Physiology, SSIMS & RC, T Begur**

"Evaluation Strategies"

3:00 pm – 3:30 pm : **Dr Narayana K., Dr Raghunandananda R., Dr Shilpa M, Dr Anitha, Dr Ramya KS, Dr Ramya MP**

3:30 pm – 4:00 pm : **"Our experience in conducting online Proctored Assessments"**

4:00 pm – 4:05 pm : **Question & Answer Session**
Moderator: **Dr Ramya K S**

July 25th 2020

10 am – 11 am : **Dr Monika Jain, Senior Professor & Head & Dr Lokendra Sharma, Senior Professor of Pharmacology, SMS Medical College, Jaipur**

"Online Learning Activities"

11 am – 12 Noon : **Panel discussion and closure (Future of Online Learning)** (speakers: **Dr Narayana K., Dr Monika Jain, Dr Lokendra Sharma, Dr Amit Kumar Maneshwar, Dr C.R. Rene Robin**)
Moderator: **Dr Asha K R**