



2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Teaching aid techniques such as video lectures and PowerPoint presentations are being used for the implementation of active learning strategies such as collaborative and individual learning activities.

ICT tools help faculty better organize and present information. Typing up course notes in Microsoft Word or Google Docs, or creating a PowerPoint presentation, helps to focus less on how to teach and more on what to cover. During class, when project those notes onto a big screen it gives students an indication of where the lesson is going. If class is especially proficient at finding them, it's easy to refocus and redirect when the lesson content is neatly organized on screen.

Today, it is essential for the students to learn and master the latest technologies in order to be corporate ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the Institute ICT Tools:

1. Projectors- 18 projectors are available in different classrooms/labs
2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
3. Printers- 9 Printers are installed at Labs, HOD Cabins and all prominent places.
4. Photocopier machines –3 Multifunction printers are available at all prominent places in the institute. There are four photostat machines available in campus.
5. Scanners- 4 Multifunction printers are available at all prominent places.
6. Seminar Rooms-seminar Hallis equipped with all digital facilities.
7. Smart Board- Two smart boards are installed in the campus.
8. Digital Library resources (DEL NET)

Use of ICT By Faculty

A. PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations.



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B. Industry Connect- Seminar and Conference room are digitally equipped where guest


lectures, expert talks and various competitions are regularly organized for students.

C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

D. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

E. Online competitions- Various technical events and management events such as Postermaking, Project presentations, paper presentations etc. are being organized with the help of various Information Communication Tools.




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LessonPlan

IV Pharma D Hospital Pharmacy Lesson Plan- PD402

Course Code	Course Title	Class	Name Of the Faculty- Designation	No Of Students	Total Periods/week	
					Lectures	Tutorials
PD402	HOSPITAL PHARMACY	IV Pharma D	Dr.V.ANUDEEP Asst.Prof	30	3	1

S. No.	Topic	NoofLecture Hours	TeachingLearning Process
TOPIC 1			
1	Hospital - its organization and functions	4	PowerPoint Presentation
TOPIC 2			
4	Hospital pharmacy-organization and management a) Organizational Structure-Staff, Infrastructure & work load statistics	3	PowerPoint Presentation
5	b) Management of materials and finance	2	PowerPoint Presentation
6	c) Roles & responsibilities of hospital pharmacist	2	Chalk&Board
TOPIC 3			
7	The Budget – Preparation and implementation	5	PowerPoint Presentation
			Chalk&Board
			PowerPoint Presentation
TOPIC 4			
10	Hospital drug policy a) Pharmacy and Therapeutic committee (PTC)	3	PowerPoint Presentation
11	b) Hospital formulary	2	Chalk&Board
12	c) Hospital committees - Infection committee - Research and ethical committee	1	PowerPoint Presentation
13	d) developing therapeutic guidelines	1	PowerPoint Presentation




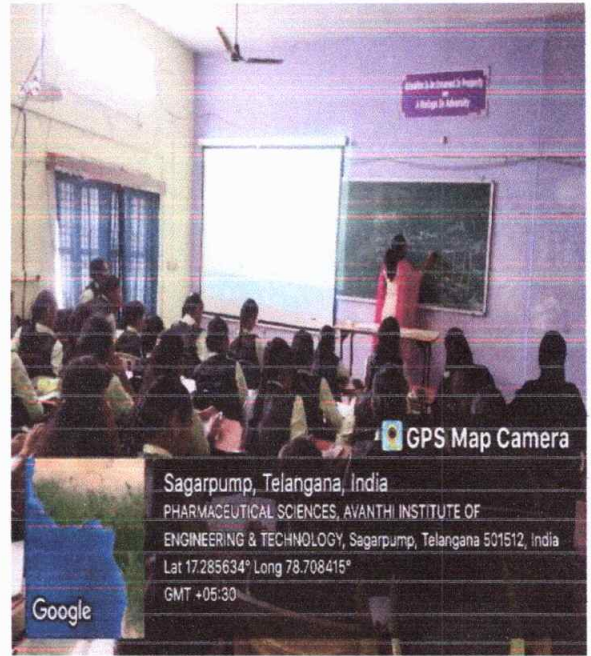
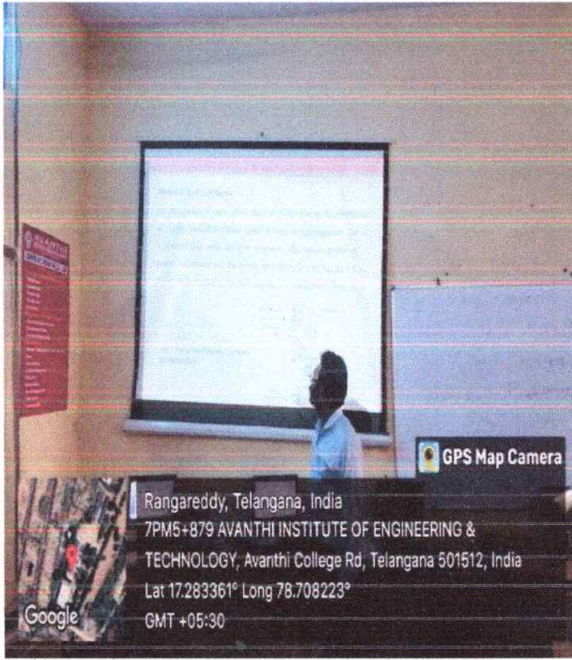

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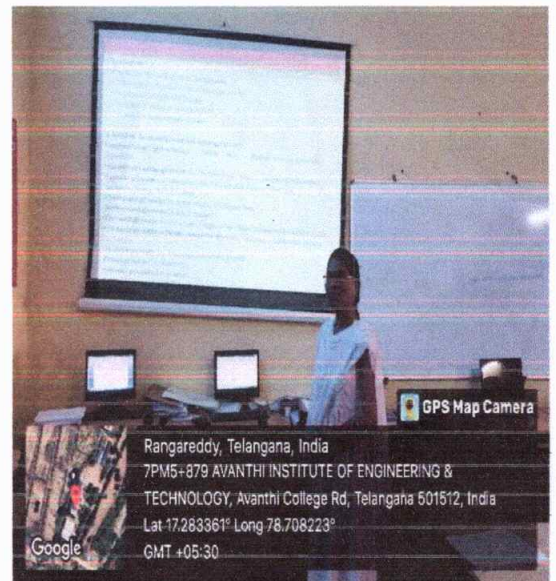
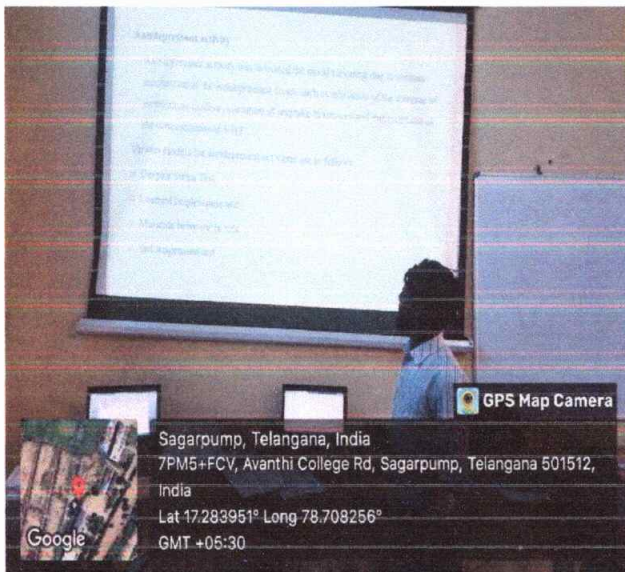
14	e) Hospital pharmacy communication - Newsletter	1	Chalk&Board
TOPIC 5			
15	Hospital pharmacy services a) Procurement & warehousing of drugs and Pharmaceuticals	1	PowerPointPresentation
16	b) Inventory control Definition, various methods of Inventory Control ABC, VED, EOQ, Lead time, safety stock	3	Chalk&Board
17	c) Drug distribution in the hospital i) Individual prescription method ii) Floor stock method iii) Unit dose drug distribution method	2	Chalk&Board
18	d) Distribution of Narcotic and other controlled substances	1	
19	e) Central sterile supply services – Role of pharmacist	2	
TOPIC 6			
20	Manufacture of Pharmaceutical preparations a) Sterile formulations – large and small volume parenteral	3	PowerPoint Presentation
21	b) Manufacture of Ointments, Liquids, and creams	3	PowerPoint Presentation
22	c) Manufacturing of Tablets, granules, capsules, and powders d) Total parenteral nutrition	5	Chalk&Board
TOPIC 7			
23	Continuing professional development programs Education and training	6	PowerPointPresentation
			Chalk&Board
			Chalk&Board
TOPIC 8			
24	Radio Pharmaceuticals – Handling and packaging	7	PowerPoint Presentation
			Chalk&Board
			Chalk&Board
TOPIC 9			
25	Professional Relations and practices of hospital pharmacist	6	Chalk&Board




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Conducting class to students by ICT tool projector



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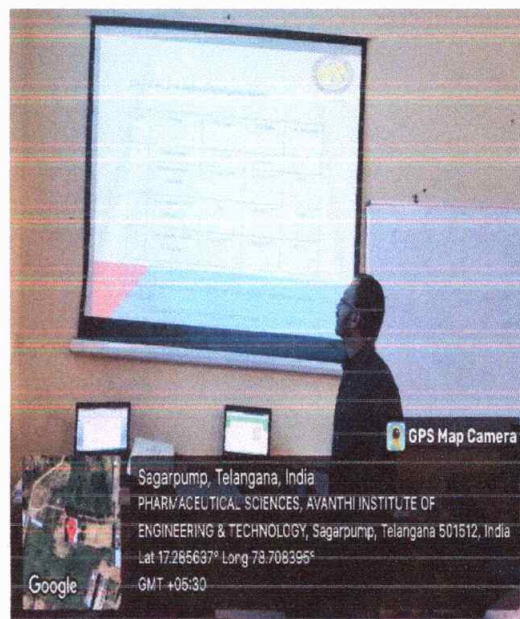
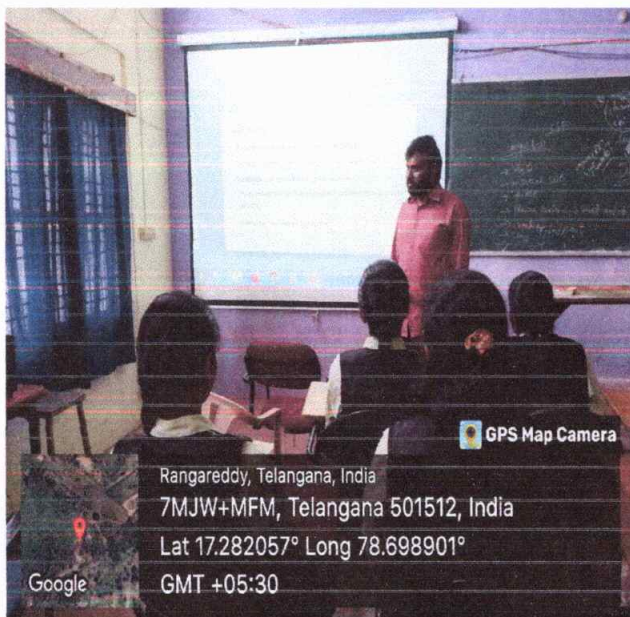
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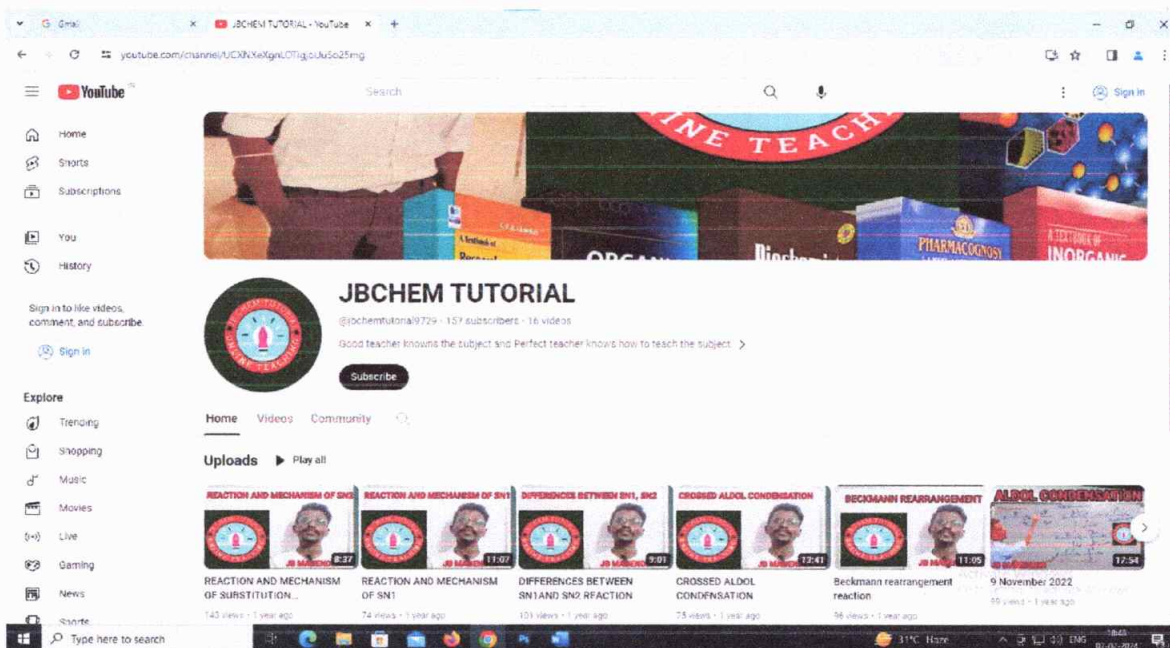
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Conducting class to students by ICT tool projector



Mr.T.Mahender worked as a Asst prof in Avanathi Inst of pharmaceutical sciences posted lectures on various topics in Organic Chemistry and Medicinal Chemistry



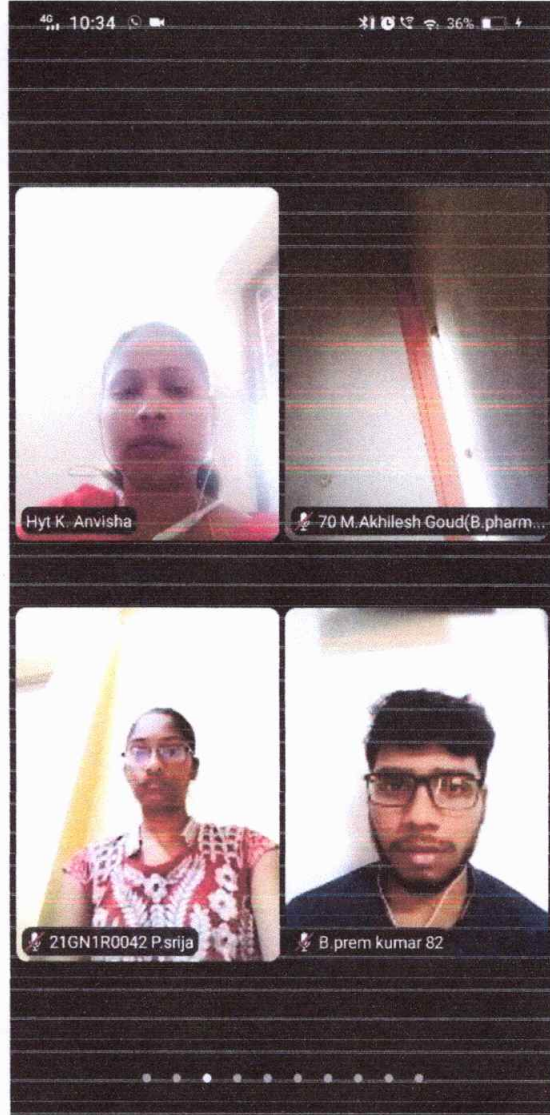

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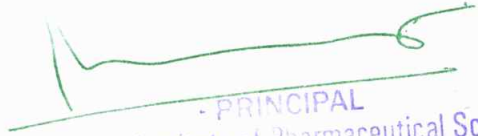
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Mrs.Sruthi worked as Asst prof in Avanathi Inst of pharmaceutical sciences was conducted online class through ZOOM ICT tools




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