AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES
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Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.

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4.ICT Tools utilization by Faculty:

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-14 projectors are available in different classrooms/labs

2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.

3. Printers- They are installed at Labs, HOD Cabins and all prominent places

4. Photocopier machines Multifunction printers are available at all prominent places in the institute. There are four photostat machines available in campus.

5. Scanners- Multifunction printers are available at all prominent places.

6. Seminar Rooms- Three seminar halls are equipped with all digital facilities.

7. Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom)

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8. MOOC Platform (NPTEL)

9. Digital Library resources (DELNET, etc)

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 to prepare Websites effective presentations.

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 Conferencing- Students are counseled with the help of Zoom / Google meet applications.

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

F. Online competitions- Various technical events and management events such as Poster making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are being organized with the help of various Information Communication Tools.

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Lesson Plan

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	No of Lecture Hours	Teaching Learning Process
TOPIC 1			
1	Hospital - its organization and functions	4	**Power Point Presentation**
TOPIC 2			
4	Hospital pharmacy-organization and management a) Organizational Structure-Staff, Infrastructure & work load statistics	3	**Power Point Presentation**
5	b) Management of materials and finance	2	**Power Point Presentation**
6	c) Roles & responsibilities of hospital pharmacist	2	Chalk & Board
TOPIC 3			
7	The Budget – Preparation and implementation	5	**Power Point Presentation**
			Chalk & Board
			Power Point Presentation
TOPIC 4			
10	Hospital drug policy a) Pharmacy and Therapeutic committee (PTC)	3	**Power Point Presentation**
11	b) Hospital formulary	2	Chalk & Board
12	c) Hospital committees - Infection committee - Research and ethical committee	1	**Power Point Presentation**

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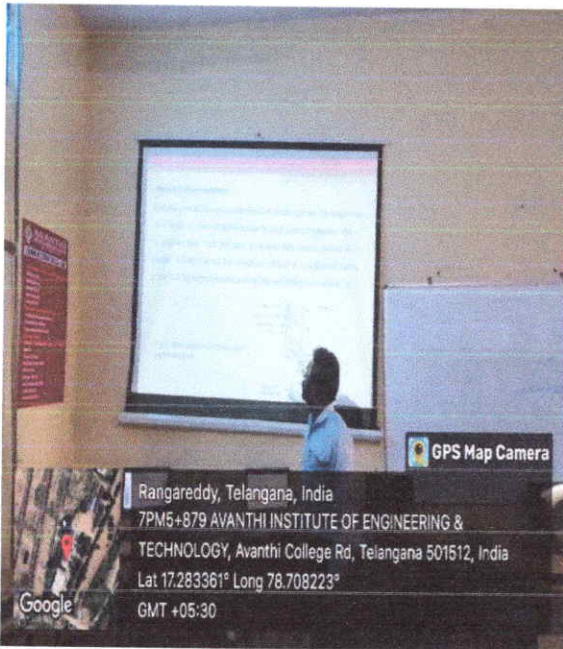Gunthapally (V), Hayath Nagar (M),
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13	d) developing therapeutic guidelines	1	**Power Point Presentation**
14	e) Hospital pharmacy communication - Newsletter	1	Chalk & Board
TOPIC 5			
15	Hospital pharmacy services a) Procurement & warehousing of drugs and Pharmaceuticals	1	**Power Point Presentation**
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	**Power Point Presentation**
21	b) Manufacture of Ointments, Liquids, and creams	3	**Power Point 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	**Power Point Presentation**
			Chalk & Board
			Chalk & Board
TOPIC 8			
24	Radio Pharmaceuticals – Handling and packaging	7	**Power Point 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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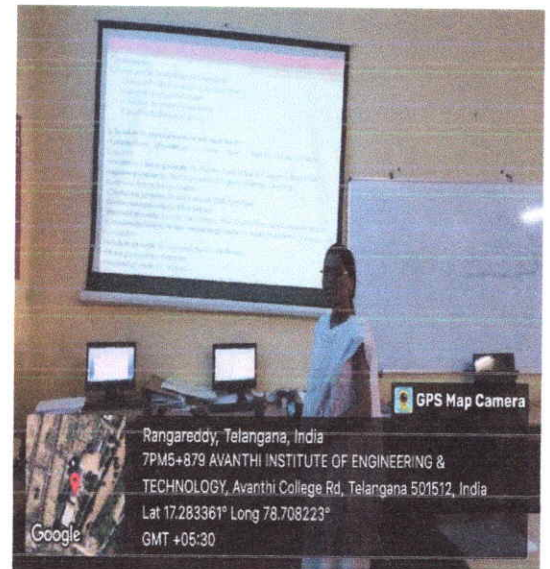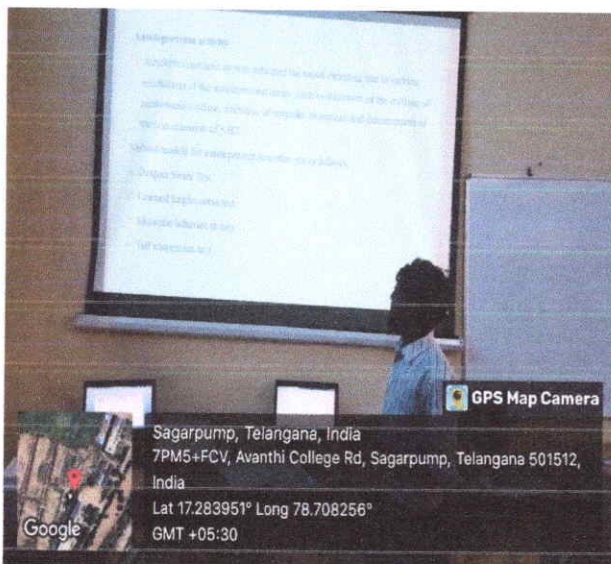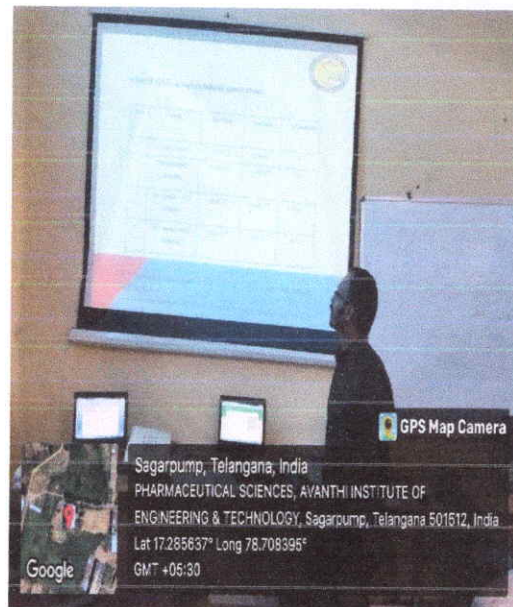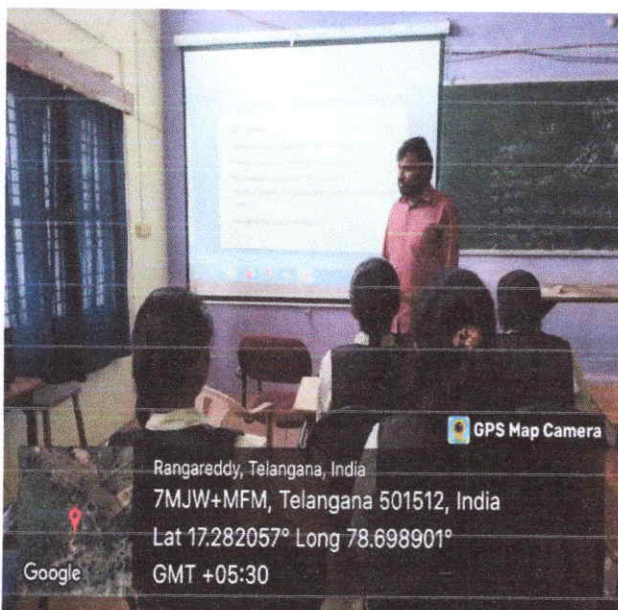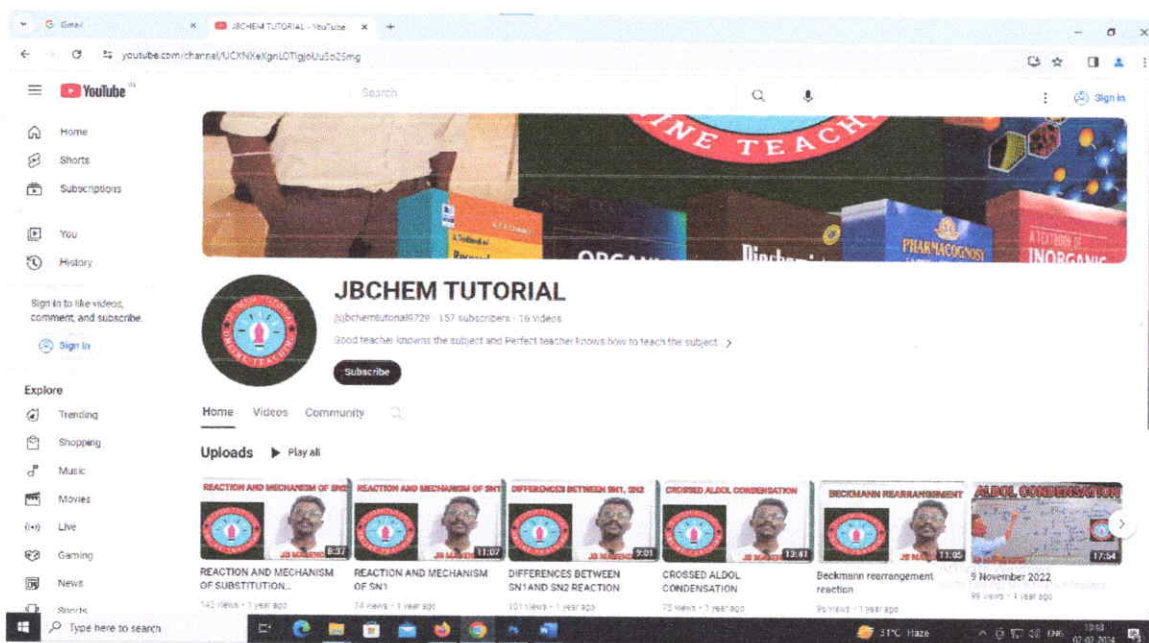Ranga Reddy Dist.

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Conducting class to students by ICT tool projector

Mr. T.Mahender worked as a asst prof in Avanthi Inst of pharmaceutical sciences posted lectures on various topics in Organic Chemistry and Medicinal Chemistry
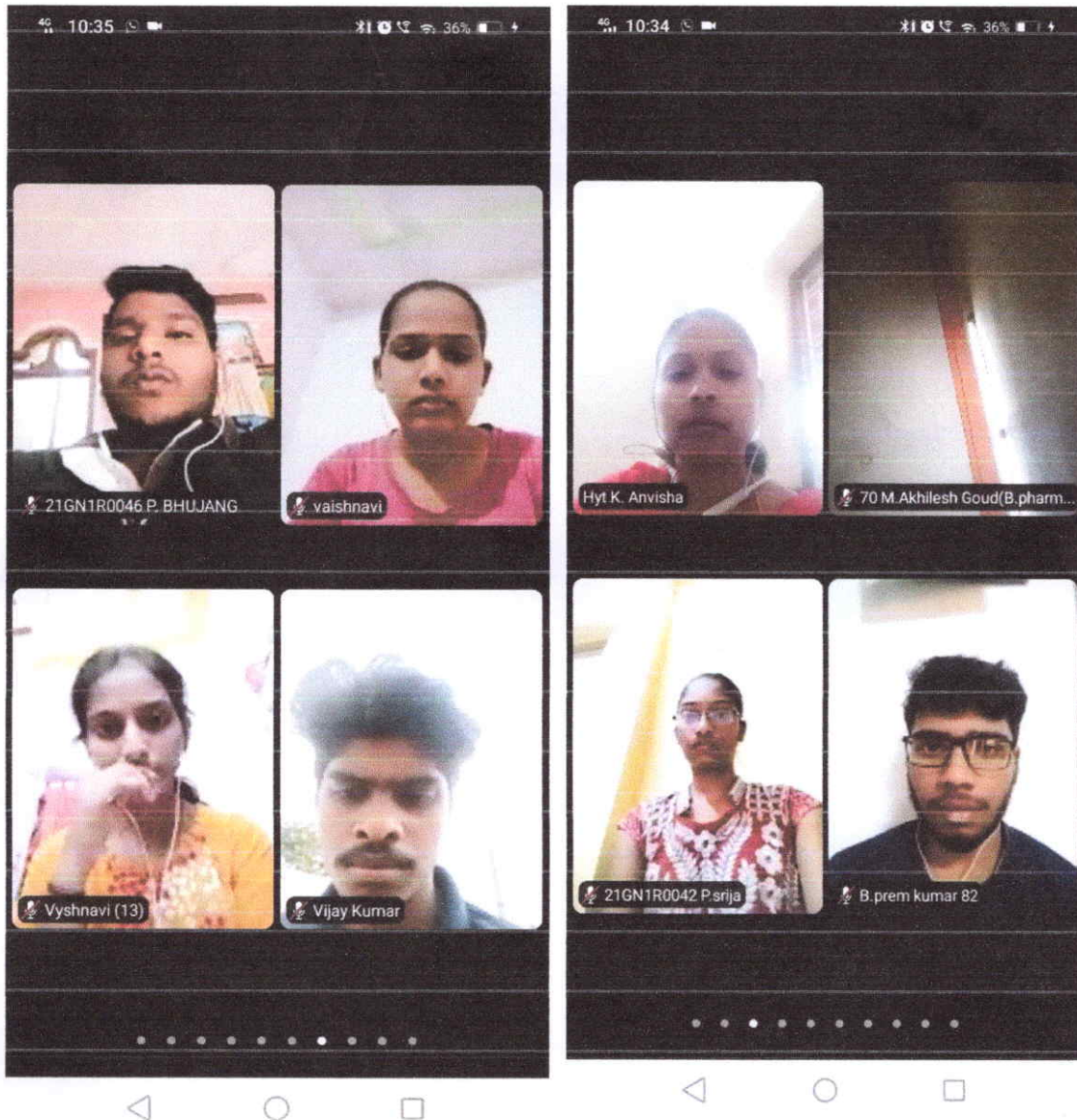
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Mrs.Sruthi worked **as Asst prof in Avanthi Inst of pharmaceutical sciences was conducted online class through ZOOM ICT tools**

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