



AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by PCI, AICTE & Affiliated to JNTUH)

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.



3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation center and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident.

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Avanthi Institute of Pharmaceutical Sciences has established an ecosystem with an emphasis on innovation to promote knowledge sharing and initiation. Every day, AIPS strives to establish a platform for fostering scientific innovation and creativity. AIPS established a five-person research promotion committee led by the principal in order to greatly increase the amount of research being done at the Institute.

Each member of the committee is a highly qualified professional who has completed continuing medical education, holds a JNTUH certification, and is an authority on the field. The Institute's well-appointed laboratories are outfitted with cutting-edge equipment, including disintegration apparatuses, multi-basis dissolving apparatuses, conduct meters, flame photometers, UV-visible spectrophotometers, tablet compression machines (single and multiple stations), bio analyzers, and HPLCs with photodiode array detectors (PDAs).

Institute mainly follows on:

- An initiative to share knowledge between teachers and students.
- Promoting innovation skills among students through the work of the Institution Innovation Cell.
- Various Memorandums of Understanding with prestigious institutions, medical facilities, and the pharmaceutical sector
- Bringing notable innovators and startup founders to engage students and foster creativity.
- Creating and Distributing a Range of Educational Materials to Meet Student Needs
- Creating diverse combinations of nutraceuticals and phyto pharmaceuticals
- Design and development of new chemical moieties in vitro.
- Put transdermal formulations front and center.
- Maintaining good communication with outside partners for the Innovation Centric ecosystem.
- Designs in patient-centric therapy modules that are linked to more recent therapeutic techniques.



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- With Labs like Sura Labs, KP Labs, SS Pharma Solutions PVT LTD, Clinoxy solutions PVT LTD and Inception Source PVT LTD and others, the Institute has 20 active and functional memorandums of understanding for student training and internships.
- The Institute collaborates with multiple agencies, educational institutions, industries, and hospitals.
- Institute also has collaboration with various agencies, Educational institutes, Industries, Hospitals (Both Govt. And Private) Incubation units, Research organizations with a prime focus on knowledge transfer and Student development. The day to day and up to date scientific information from these top agencies through mutual assistance and frequent interactive sessions facilitates maximum benefits to students and faculty as well.
- With Mutual cooperation and Support between institute and organizations, Industries, through MOUS, Collaborations continue Programs has been achieved.
- Rs. TWENTY (20) lakhs in grants from industries for research projects were sanctioned during the past 5 years.

PATENTS: Unconditional encouragement has been a continuous process bat AIPS for the faculty in filing the patents and publishing the patents, which lead 3 patents, were published in our Institution.

ENTERPRENEURSHIP: The entrepreneurship cell of the institution in highly competent and active if works with an aim of creating a platform for innovators and entrepreneurship enthusiasts by monitoring them and making them to interact with successful Entrepreneurship.

INCUBATION AND IIC: Institute has framed institution innovation council with principal chairperson and research enthusiastic professors as members and it aims to conduct various innovation and entrepreneurship related activities, student club activities innovative thought process competition for making the students to ready to fare any challenges bin the global field of pharmaceutical industries.

AIPS: Innovation centric ecosystems Institute runs with a moto of strengthening and promoting research activities and encourage both students and faculty to concentrate on Research activities. Institute inculcates research bound activities in faculty by providing Incentives and Research excellence awards for research achievements and also provides seed money for research related findings.



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R and D Cell: Is highly active and it conducts regular Journal club meeting for both students and faculty to obtain the updated information that is been happening in Scientific field across the globe. Institution periodically conducts FDP/STTP/Workshops/Seminars and conference programs on recent advancements in science discipline and also encourages faculty and students to participate in the scientific events conducted by other institution.

Institute has subscription to e-library services like DELNET, J. GATE.

State of the art Research laboratories, highly experienced and research enthusiastic faculties with Research concerned policies and work cultures ultimately helps in developing innovative thoughts, knowledge gaining and eventually leading to benefits to students and faculty.

IMPACTS:

- Faculty published 3 patents in India.
- Faculty and students published high quality papers in high Indexing and abstracting Journals with Impressive impact factors.
- Students strengthened in internships and training activities through industrial collaboration.



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INTELLECTUAL PROPERTY RIGHTS (IPR) CELL

The Avanthi institute of Pharmaceutical Sciences (AIPS) recognizes the importance of generation of intellectual property by its teachers and students. The college is committed to do all that is within its powers and obligations to encourage the creativity and innovation of its people, which can lead to generation of intellectual property (IP). This cell provides support and guidance to the pharmacy students and staff in protecting their inventions and creations. The cell is also committed to the common people of our society. It supports common people, who approach the cell, to shape their innovative ideas and guide them to obtain IP right. The activities of this IPR Cell in AIPS are in alignment with the objectives of the Patent Information Centre.

IPR cell adopt a sound IP strategy, to secure IPR for a large base of knowledgeable Faculty and highly talented Students in the College. Regular project and research activities of college having innovation potential. So, we are in the process of setting up structured processes to identify, facilitate and develop innovation.

However, the scenario is different in academic institutes such as ours. Here, the returns, in terms of goodwill and portfolio enhancement, are more important than commercial returns. Research is believed in the Institute as practice of profession and not career. IPR cell is here to provide relevant, timely and targeted support to inventors in protecting their IPR and to boost confidence in generating IPR to make our Institute Self-Reliance in Finances

The major objective of the IPR Cell includes:

- To create an awareness about IPR for faculties and students of the College
- To conduct workshops, seminars and training course on IPR.
- To impart training on future endeavors regarding patent filing processes
- To advice and guide students and faculty on the importance of IPR.
- To support common people to obtain protection for their inventions/innovative ideas
- Conducting workshop to bring awareness and values added research
- To bring awareness of patent and intellectual project rights
- Encourage the faculty for new developments, innovation





Types of IPR

Patents

A Patent is a statutory right for an invention granted for a limited period of time to the patentee by the government, in exchange of full disclosure of their invention for excluding others, from making, using, selling, importing the patented product or process for producing that product for those purposes without his consent.

Designs

Design' means only the features of shape, configuration, pattern or ornament or composition of lines or colour or combination there applied to any article whether two dimensional or three dimensional or in both forms, by any industrial process or means, whether manual, mechanical or chemical, separate or combined, which in the finished article appeal to and are judged solely by the eye.

Trademarks

A trademark is a visual symbol which may be a word signature, name, device, label, numerals or combination of colours used by one undertaking on goods or services or other articles of commerce to distinguish it from other similar goods or services originating from a different undertaking.

Copyrights

Copyright is a right given by the law to creators of literary, dramatic, musical and artistic works and producers of cinematograph films and sound recordings. In fact, it is a bundle of is a bundle of rights including, rights of reproduction, communication to the public, adaption and translation of the work.

Geographical indications

Geographical indications of goods are defined as that aspect of industrial property which refer to the geographical indication referring to a country or to a place situated therein as being the country or place of origin of that product.

Plant variety protection

Protection granted for plant varieties, the rights of farmers and plant breeders and to encourage the development of new varieties of plants.





INCUBATION & INNOVATION CENTRE

Introduction

Avanthi Institute of Pharmaceutical Sciences, Hyderabad is sponsored by Avanthi Educational Society, established in the year 2007, with the able leadership of Sri M. Srinivasa Rao, came into being with a congregation of dedicated academicians and able administrators in the field of higher education and learning. This Institution has achieved NAAC accreditation for period of 5 years from 2018 to 2023.

It is the basic building block required in the initial stages of start-ups. Incubation centers are an essential component of any start-ups ecosystem. Furthermore, through an incubation Centre, students obtain practical knowledge with the contemporary tools and technological advancements. AIPS is encouraging all stakeholders to come towards with the objective to acknowledge their own strengths

Entrepreneurship in India is on the verge of explosive growth and one important cog in the wheel is the incubator – the place where startups are born. A startup is incubated in Incubation Centre, which gives them a chance to bring their business in shape, before they reach out to the world. Incubation policies and procedures are defined for the operational matters related to Incubation Centre at AIPS, Hyderabad. The policy is subject to periodical review and amendments.

VISION

To develop highly skilled professionals with ethics and human values.

MISSION

We are committed to provide a positive and professional learning environment where all students are inspired to strive for excellence in order to achieve their potential as dignified and competent pharmacists, technology innovators, managers and leaders in a global society through a cohesive network for the parents, students, college staff and industry.

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Objectives of Incubation Center

- To develop and encourage a culture of creativity on campus.
- To promote a thirst in start-ups and build a vibrant start-up ecosystem on campus.
- To help in developing Innovative Ideas to take care of Societal needs.
- Giving students guidance in order to develop solutions to problems in the real world.
- To transform ideas into products and establish a platform for easy production that has minimal commercial values

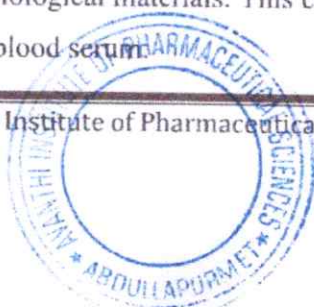
The incubator center is thought to work on advanced functionalities like computer-aided drug design (CADD), biomolecule analysis by using auto analyzer method development for molecular design, molecular activity, method validation, molecular modeling, and identification of functional groups based on detector absorbance value. It is also thought to work on drug estimation by reversed phase mode using HPLC. The incubator center is affiliated with **Inception Source PVT LTD labs, Pragathi Nagar, Kukatpally, and Hyderabad**. Utilizing a UV visible spectrophotometer, quality control checks are conducted for raw materials and biologically significant compounds. Drug products are tested for consistency and quality, and their stability is monitored using a dissolving apparatus. This allows students and research coordinators to participate actively in technological and methodological activities that are ready for the industry.

The following are some rules to be adhered to when establishing new ICT tools or expanding those that already exist in incubation centers. Latest data transfer from advanced systems to the internet (LOI) applications.

HPLC:

HPLC is a commonly used and extremely powerful chromatographic technique, with applications in areas such as pharmaceutical, bioanalytical, food and beverage, clinical, forensic, environmental and drug development laboratories.

For example, in a medical setting HPLC can be used to determine the contents and concentrations of substances in biological materials. This could include drug analysis of urine or detection of vitamin levels in blood serum.





UV-Visible Spectroscopy:

UV-vis spectroscopy is a cost-effective, simple, versatile, non-destructive, analytical technique suitable for a large spectrum of organic compounds and some inorganic species. As a function of wavelength, UV-vis spectrophotometers measure the absorption or transmission of light that passes through a medium.

In order to classify and measure the concentration of substances in liquid streams, high performance liquid chromatography and ultra-high performance liquid chromatography incorporate UV-vis detectors. It allows the detection of all animals by integrating these techniques with mass spectrometry.

Dissolution Apparatus

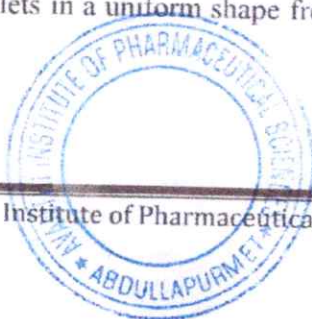
Dissolution testing is an official test used by pharmacopeia for evaluating drug release of solid and semisolid dosage forms. Dissolution tests were first developed to quantify the amount and extent of drug release from solid oral dosage forms including immediate/sustained release tablets and capsules. More recently, dissolution has become important in testing drug release of dosage forms such as, buccal and sublingual tablets, chewing gums, soft gelatin capsules, suppositories, transdermal patches, aerosols and semisolids.

Disintegration Test Apparatus

The Disintegration Tester is a solid state device intended to precisely estimate the amount of time it takes for tablets to dissolve in accordance with IP/USP guidelines. Two batches of six tablets can be tested simultaneously using the device. The pharmaceutical companies find great utility in this unit. It is used in quality control and R&D to ascertain if tablets and capsules meet USP/BP/IP requirements for disintegration.

Tablet Punching Machine

The tablet Punching Machine is very useful for Pharma industries. It is basically used for making a wide variety of tablets in a uniform shape from the different types of materials.



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like powder formed and many more. At the time of the tablet forming process, the granulated powder is filled in between the cavity formed by the punches and dies and then the punches are pressed together with great force to make the tablet. The tablet press machine is being known to us by a variety of entities like tablet press, tablet compression, tableting machine, Pharmaceutical tablet press machine. The tablet Punching Machine comes under two categories single press and multi-station press. And the diversity of tablets can be made under this machine.




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Date: _____



PATENTS

S NO	NAME OF THE FACULTY	TITLE OF THE PATENT	Published Date
1	Dr. CH. Pavani, V. Kavitha Kaipu , D. Balu , Pitta Lavanya	Innovative Gastro-Retentive Microspheres For Enhanced Nateglinide	Application No.202441017030 A. 29/3/2024
2	Dr.V. Anudeep, Dr.T.Kavya , Dr. CH.	Cytotoxic Potentiality Of Sesbania Grandiflora Seeds	Application No.202441023756 A,
3	Anil Kumar Arepalli		Application No.202321038758 A, 04/08/2023
4	Pokala Venkata Pavan Kumar	Apparatus For Synthesis Of Nanoparticles	Serial No: 166042., Design No:408752- 001, 25/04/2024
5	Dr K.Balaji	Device for Measuring Ash Value of Crude Drugs	Serial No: 147001., Design No: 395368- 001, 26/10/2023
6	Dr,K.Balaji	Device for developing formulation for diabetic neuropathy	design no: 6335564, 09/01/2024
7	Dr. Kaveti Balaji	AI enabled device for detection of diabetic neuropathy	design no:409712-001, 10/05/2024
8	Kaveti Balaji	Controlled Release Of Docetaxel Nanoparticles For Cancer Therapy	Application No.202311046988 A, 04/08/2023

Principal

Reddy Dr.

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(19) INDIA

(22) Date of filing of Application :06/06/2023

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(54) Title of the invention : SYNTHESIS OF NOVEL ORAL HYPOGLYCEMIC PYRAZOLE COMPOUNDS AND ITS CHARACTERIZATION

(51) International classification : A01N 435600, A61B 050000, A61P 050000, A61P 070000, A61P 350000
(86) International Application No. : NA
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(61) Patent of Addition to Application Number : NA
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(57) Abstract :

SYNTHESIS OF NOVEL ORAL HYPOGLYCEMIC PYRAZOLE COMPOUNDS AND ITS CHARACTERIZATION ABSTRACT The present invention relates to a synthesis of 1-(3,5-dimethyl-1H-pyrazol-1-yl)-2-(4-methylphenoxy) ethanone. Particularly, the present invention relates to a synthesis of pyrazole derivative, comprising formula VI-(3, 5-dimethyl-1H-pyrazol-1-yl)-2-(4-methylphenoxy) ethanone. This synthesized compound was characterized using its melting point, Carbon, Hydrogen and nitrogen percentage. The synthesized pyrazole derivative has excellent oral hypoglycemic activity.

No. of Pages : 14 No. of Claims : 4

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पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 395368-001
तारीख / Date : 18/09/2023
पारस्परिकता तारीख / Reciprocity Date* :
देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *DEVICE FOR MEASURING ASH VALUE OF CRUDE DRUGS* से संबंधित है, का पंजीकरण, श्रेणी 10-04 में 1.Navneet Tiwari 2. Rohit Singh Padiyar 3.Anil Singh Fartyal 4.Jaya Kumari Verma 5.Ila Taku 6.Aparajita Raina 7.Dr Pinki Rawat 8.Dr. Kaveti Balaji के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-04 in respect of the application of such design to *DEVICE FOR MEASURING ASH VALUE OF CRUDE DRUGS* in the name of 1.Navneet Tiwari 2. Rohit Singh Padiyar 3.Anil Singh Fartyal 4.Jaya Kumari Verma 5.Ila Taku 6.Aparajita Raina 7.Dr Pinki Rawat 8.Dr. **Kaveti Balaji**.

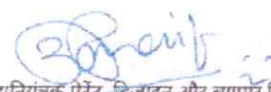
डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्याधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 26/10/2023
Date of Issue :

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महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है, तथा देश का नाम। डिजाइन का स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के प्रावधानों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं किया जा सकता है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

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(19) INDIA

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(54) Title of the invention : CYTOTOXIC POTENTIALITY OF SESBANIA GRANDIFLORA SEEDS AGAINST PANCREATIC AND LEUKEMIA CELL LINES

(51) International classification : A61P0035000000, G01N0033500000, A61P0035020000, C12N0005090000, A23L0033180000
(56) International Application : NA
Filing Date : NA
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Filing Date : NA
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Filing Date : NA

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Abstract :
Herbal medicine is established on plants and contains natural chemical substances that promote health and curative properties for illness and diseases. Medicinal herb plays an important role in the treatment of cancer. The objective of the present study was to assess the potential cytotoxic activity of seed extracts from *Sesbania grandiflora*, which showed anticancer activity in vitro against a variety of human cancer cell lines, including MIA PA CA 2 (a cell line associated with pancreatic cancer) and THP-1 (a cell line associated with acute leukemia). The MTT technique was used to test the *Sesbania grandiflora* seed extract's potential anticancer activities. The activity was carried out at various concentrations of the extract, ranging from 50 to 200 µg/ml. According to the findings, the 50% inhibitory concentration (IC50) of *Sesbania grandiflora* seed extract has a strong cytotoxic ability against human pancreatic cancer cells (IC50 = 342 µg/ml) and human acute leukemia cells (IC50 = 196 µg/ml). While increasing the concentration of extracts reduced cell viability. The extract of *Sesbania grandiflora* reduced cell viability and induced apoptosis in Human pancreatic cancer (MIA PA CA 2) and the Human acute leukemia (THP-1) cell lines. These in vitro results have shown that *Sesbania grandiflora* possesses beneficial effects on human cell lines.

No. of Pages : 19 No. of Claims : 2

Title of the invention : CYTOTOXIC POTENTIALITY OF SESBANIA GRANDIFLORA SEEDS AGAINST PANCREATIC
LEUKEMIA CELL LINES

1) International classification :A61P0035000000, G01N0033500000, A61P0035020000,
C12N0005090000, A23L0033180000

6) International Application :NA

7) Filing Date :NA

7) International Publication :NA

1) Patent of Addition to :NA

Application Number :NA

Filing Date :NA

52) Divisional to Application :NA

Number :NA

Filing Date :NA

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4)Mr. Ratnakar Cherukupally

5)Dr. Anudeep Velpukonda

6)Dr. T. Kavya

7)Dr. CH. Pavani

8)Mrs. P. Pranaya

9)Dr. M. Swathi

10)Mrs. Amrutham Sruthi

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

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10)Mrs. Amrutham Sruthi

Address of Applicant :Assistant Professor, Department of pharmacology, Avanthi Institute of Pharmaceutical Sciences., Hyderabad, Telangana, India, Hyderabad

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No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202441023756 A

(19) INDIA

(43) Publication Date : 26/04/2024

(22) Date of filing of Application :26/03/2024

(54) Title of the invention : CYTOTOXIC POTENTIALITY OF SESBANIA GRANDIFLORA SEEDS AGAINST PANCREATIC AND LEUKEMIA CELL LINES

(51) International classification : A61P0035000000, G01N0033500000, A61P0035020000, C12N0005090000, A23L0033180000
(86) International Application No : NA
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Filing Date : NA
(62) Divisional to Application Number : NA
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Name of Applicant : NA
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**AVANTHI INSTITUTE OF
PHARMACEUTICAL SCIENCES**


(Approved by PCI, AICTE & Affiliated to JNTUH)

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Rameji Filmcity, Hyderabad - 501 512.



**INCUBATION CENTRE
IN
AVANTHI INSTITUTE
OF PHARMACEUTICAL
SCIENCES**




PRINCIPAL
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PHARMACEUTICAL SCIENCES
Gunthapally (V), Abdullapurmet (M),
R.R. Dist. Telangana.



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MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES,
GUNTAPALLY(V), ABDULLAPURMET(M), R.R DISTRICT, HYDERABAD**

And

SS PHARMA SOLUTIONS

PLOT NO: 8/P, 2ND FLOOR, BESIDE ALEAP MAINGATE, PRAGATHINAGAR, HYDERABAD-500090



MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (herein after called as the 'MOU') is entered in to on this **21st DAY of February month, 2023** by and between

**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTAPALLY(V),
ABDULLAPURMET(M), R.R DISTRICT, HYDERABAD, THE FIRST PARTY** represented
herein referred as "AIPS"

AND

**SS PHARMA SOLUTIONS, PLOT NO.8/P, 2ND FLOOR, BESIDE ALEAP MAINGATE,
PRAGATHINAGAR, HYDERABAD, TELANGANA-500090, THESECOND PARTY** represented herein
referred by **SSPS**.

PURPOSE OF MOU

In particular, this MOU is intended to

1. AIPS will connect students with SSPS for project work, PhD work and any supporting analysis.
2. AIPS will Support awareness for SSPS by informing students through e-mail, circular or board notices about services of SSPS and how to utilize.
3. AIPS will Support by allowing SSPS team to conduct planned seminars, awareness programs, evaluation and assessment tests and campus drives and other beneficial programs for students and AIPS.
4. SSPS assess the skills of students required for pharma industries using skill gap analysis and provide proper skill development programs at "AIPS" or at premises of SSPS.
5. SSPS provide industry job oriented certificate training programs on paid basis.
6. SSPS provide free web based or app based platform or through social media to students to find jobs.
7. SSPS help AIPS and their students to understand gaps in skills and areas of improvement required as per pharma industry expectations.
8. SSPS will provide assistance for project work/ PhD work on contract basis/ Paid service basis.
9. Arrange the placement of trained students on free basis.



NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

Clause 1

CO-OPERATION

- 1.1 Both parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations. The parties shall keep each other informed of potential opportunities and share all information that may be relevant to secure additional opportunities for one another.
- 1.2 The co-operation between AIPS and SSPS will facilitate effective utilization of the intellectual capabilities of the SSPS providing significant inputs to them in developing suitable teaching/ training systems, keeping in mind the needs of the AIPS.

Clause 2

SCOPE OF THE MOU

- 2.1 Both parties believe that close co-operation between the two would be a major benefit to the student community to enhance their skills and knowledge and to provide placements.
- 2.2 SSPS will give valuable inputs to the AIPS in teaching/ training methodology so that the students fit into the industrial scenario meaningfully.
- 2.3 The interaction between Industry and Community College Centre will give an insight into the latest developments /requirements of the industries; the SSPS to permit the Faculty and Students of the AIPS to visit its group companies and also involve in Industrial Training Programs for the AIPS. The industrial training and exposure provided to students through this association will build confidence and prepare the students to have a smooth transition from academic to working career. SSPS will provide its Labs/ Workshops/ Industrial Sites for the hands-on training of the learners enrolled with AIPS on mutual agreement according to SOW (Scope of work).
- 2.4 SSPS will train the students of AIPS on the emerging technologies in order to bridge the gap in skill and make them ready for industry.
- 2.5 SSPS will extend the necessary support to deliver guest lectures to the students of AIPS on the technology trends and in house requirements.
- 2.6 SSPS will actively engage to help the delivery of the training and placement of students of AIPS into internships/jobs.



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Clause 3

VALIDITY

- 3.1 The validity of the agreement is two years from the date of agreement.
- 3.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.
- 3.3 Any disputes will be settled in by mutual meetings and discussions smoothly or under any third party mediation.

AGREED:

For
AVANTHI INSTITUTE OF
PHARMACEUTICAL SCIENCES,

Authorized Signatory

For
SS PHARMA SOLUTIONS

Authorized Signatory



DIRECTOR
Avanthi Group of Institutions
Gunthapally (VIII), Abhimanyu Nagar,
Ranga Reddy Dist.

	AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES	SS PHARMA SOLUTIONS
Address	GUNTHAPALLY(V), ABDULLAPURMET(M), R.R DISTRICT, HYDERABAD	PLOT No: 8/P, 2 nd floor, Beside ALEAP Main gate, Pragathinagar, Hyderabad, Telangana-500090
Contact Details		Landline: +91 4040124083 Mobile : +91 8790142727
E-mails		info@sspharmasolutions.com, suresh@sspharmasolutions.com
Web		www.sspharmasolutions.com



AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by PCI, AICTE & Affiliated to JNTUH)

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.



S.no	Name of Professional body	Membership number
Institute member ships		
1	National assessment and accreditation council	TSCOGN101068
2	INDIAN PHARMACY GRADUATES ASSOCIATION	IM-006
3	AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES	ISO 9001:2015
4	DELNET Developing Library Network	IM-5801
FACULTY MEMBER SHIP		
1	PAVAN KUMAR	TL/LM-831
2	Dr.KEVETI BALAJI	TL/LM-051
3	Dr Nihar Ranjan Das	OR/LM-323

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R.R. Dist. Telangana.



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*The Executive Committee of the
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is pleased to declare
Avanthi Institute of Pharmaceutical Sciences
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Accredited
with CGPA of 3.27 on four point scale
at A⁺ grade
valid up to September 11, 2029*

Date : September 12, 2024



Director



INDIAN PHARMACY GRADUATES ASSOCIATION

(Regd. under Registration of Societies Act, XXI of 1860 No. S/8225 of 1976)

Institutional Membership Certificate

IM - 006

This is to certify that

AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

Rangareddy, Hyderabad-501512

Has been conferred
INSTITUTIONAL MEMBERSHIP
of the Association

Place : New Delhi
Date : 01-08-2018


Atul Kr. Nasa
President


Dr. Arun Garg
Gen. Secretary

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PHARMACEUTICAL SCIENCES

Certificate of Registration

This is to Certify that
Quality Management System of

AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

SY NO. 230, GUNTHAPALLY ABDULAPURMET, RANGAREDDY - 501 512,
TELANGANA, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

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Certificate No	: 23EQLW61	Issuance Date	: 31/05/2023
Initial Registration Date	: 31/05/2023		
Date of Expiry	: 30/05/2026		
1st Surve. Due	: 30/04/2024	2nd Surve. Due	: 30/04/2025



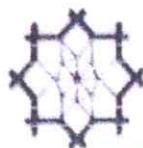
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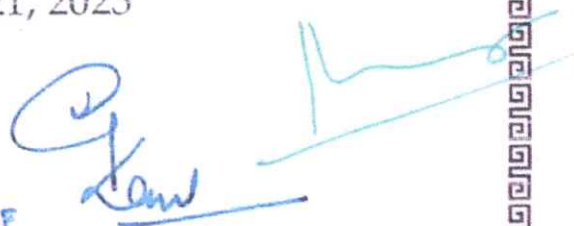
Membership Number **IM – 5801** has been renewed and next

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Date of Issue: April 26, 2022

**PRINCIPAL
INSTITUTE OF
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(Handwritten Signature)
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RESEARCH & DEVELOPMENT CELL

Avanthi Institute of Pharmaceutical Sciences has established important scientific industrial R&D Operations with the purpose and mission of pursuing and promoting research in frontier Technologies as well as various pharmacy disciplines.

AIPS created a Research and Development cell to instill research and innovation talents in staff and students. R&D Cell provides a platform for young brains in the Institute to grow in terms of creativity and invention. Only rigorous R&D efforts will result in innovative achievements.

Departmental R&D Committee Members for the Academic year 2022-2023

S.No.	Name of the Faculty	Designation	Department
1	Dr. K.Balaji	Principal	Pharmacognosy & Phytochemistry
2	Dr. Nihar Ranjan Das	Professor	Pharmaceutical Chemistry
3	Dr. M. Rama Krishna	Professor	Pharmaceutics
4	Dr. Manjula	Assoc Professor	Pharmaceutics
5	Dr. G. Sai Kiran	Professor	Pharmaceutical Analysis
6	G. Swapna	Asst. Professor	Pharmaceutical Chemistry
7	P. Lavanya	Asst. Professor	Pharmaceutics

In our college, we encourage and allow the students to explore their ideas, develop their abilities, and prepare them towards R& D activities. Student groups provide a forum for the exchange of novel ideas and perspectives. It aids in the transformation and overall development of students. The R& D activities are specifically designed to assist students to become and find their own space on campus.



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FACILITIES OF R&D CELL

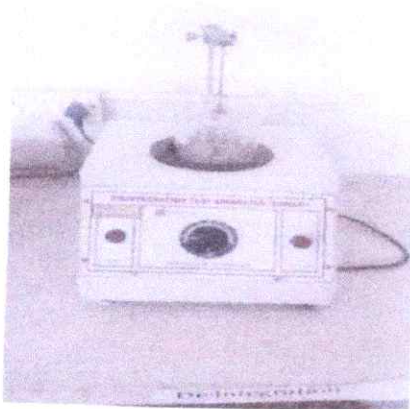
S.NO	Equipment
1	UV-Visible Spectrophotometer
2	Fluorimeter
3	Flame Photometer
4	Dissolution Apparatus
5	Disintegration Apparatus
6	Tablet Punching Machine
7	PH meter
8	Tablet coating pan



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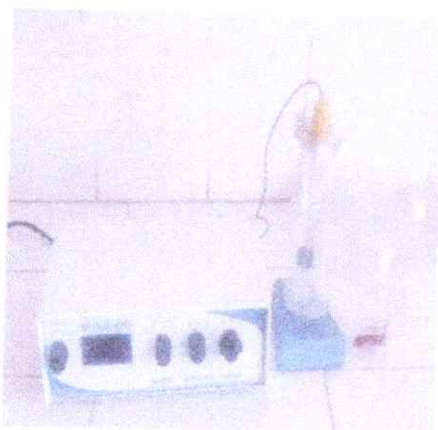
Disintegration Apparatus



Tablet punching Machine



pH meter



Tablet coating pan



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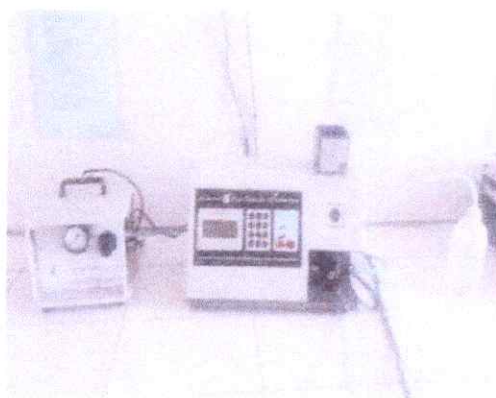
UV-Visible Spectrophotometer



Fluorimeter



Flame Photometer



Dissolution Apparatus



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Gunthapally (V), Abdullapurmet (M)
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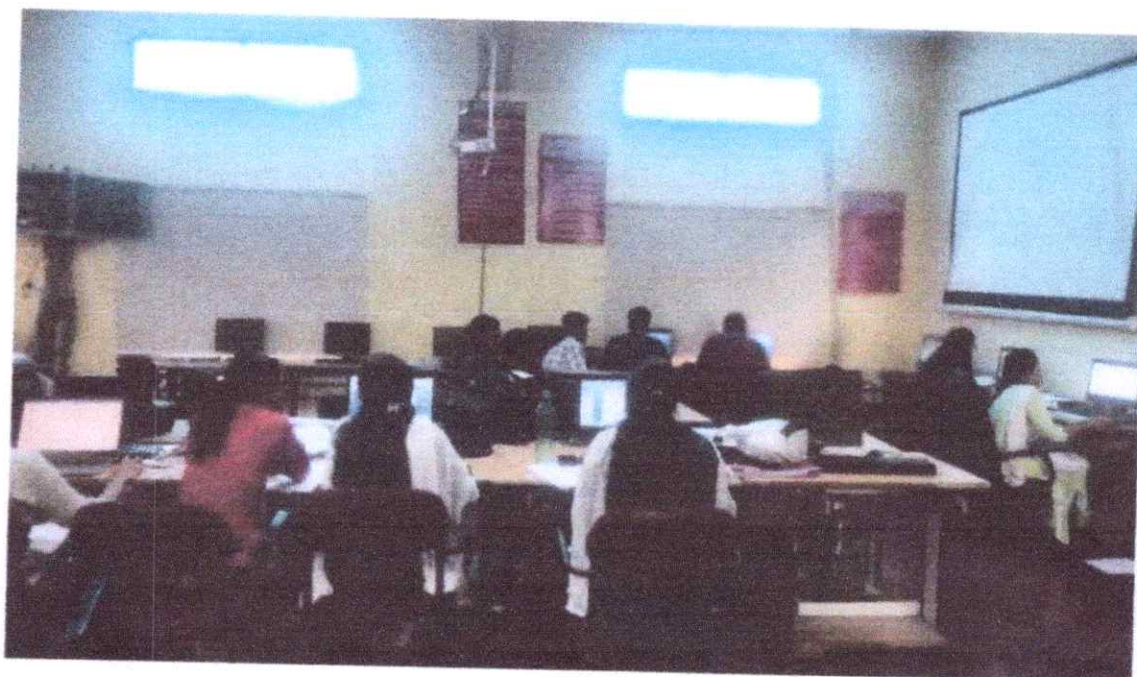
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Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.



PHARMACY DEPARTMENT R&D CELL DESIGN PROJECT ACTIVITIES




COMPUTER LAB FACILITIES

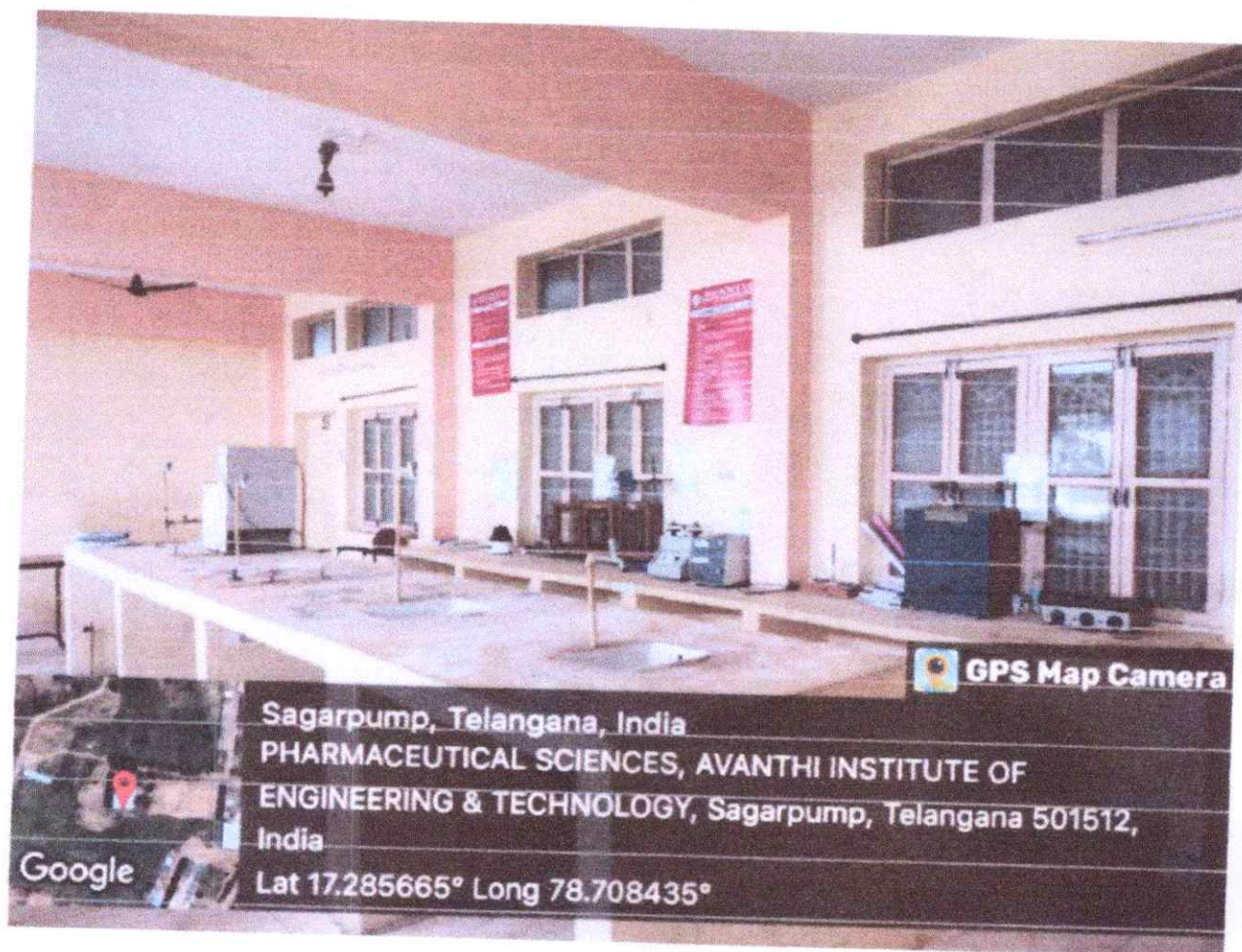


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PHYSICAL PHARMACY LABS

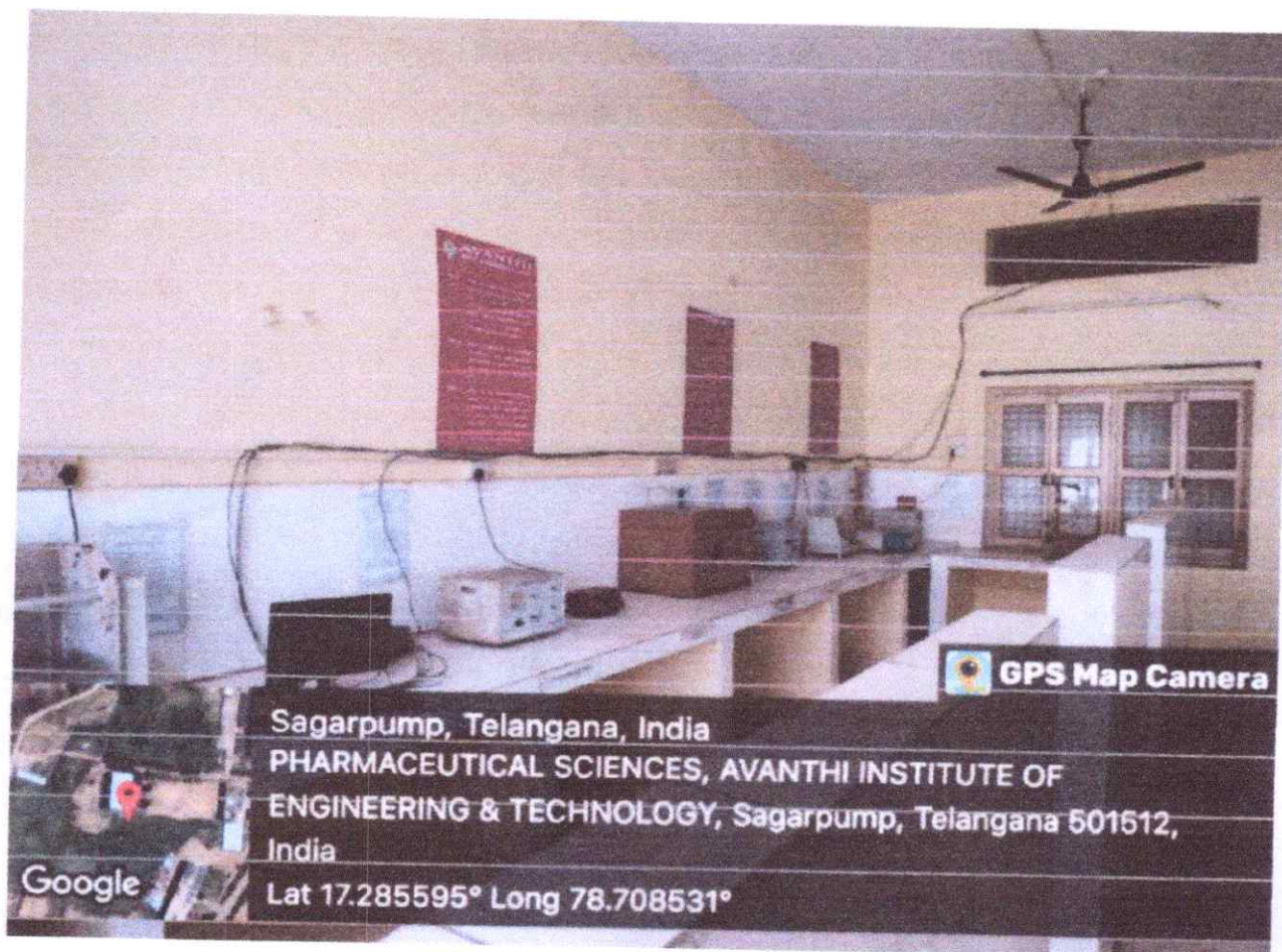

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PHARMACY PRACTICE LAB



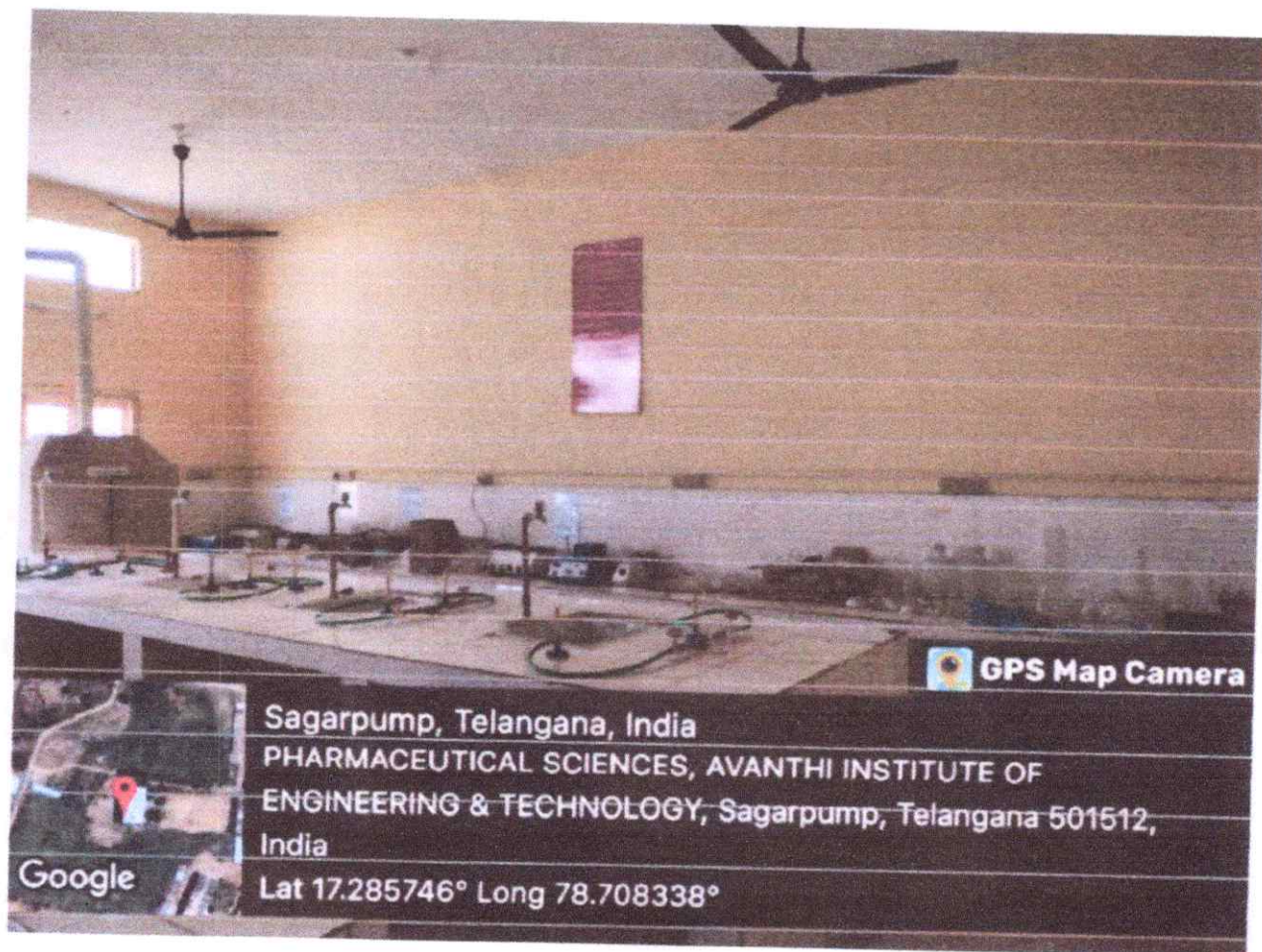

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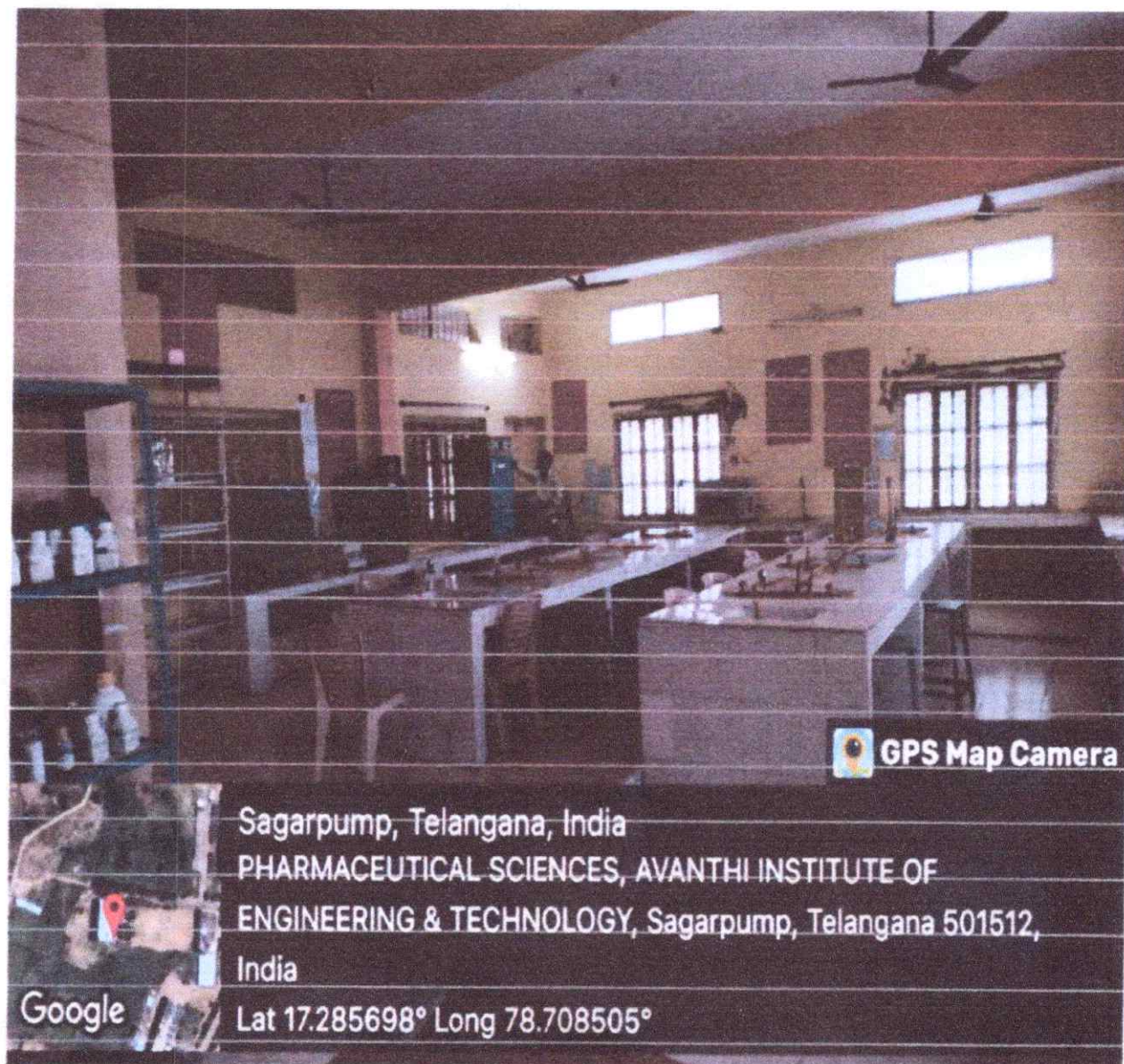


MEDICINAL CHEMISTRY LAB



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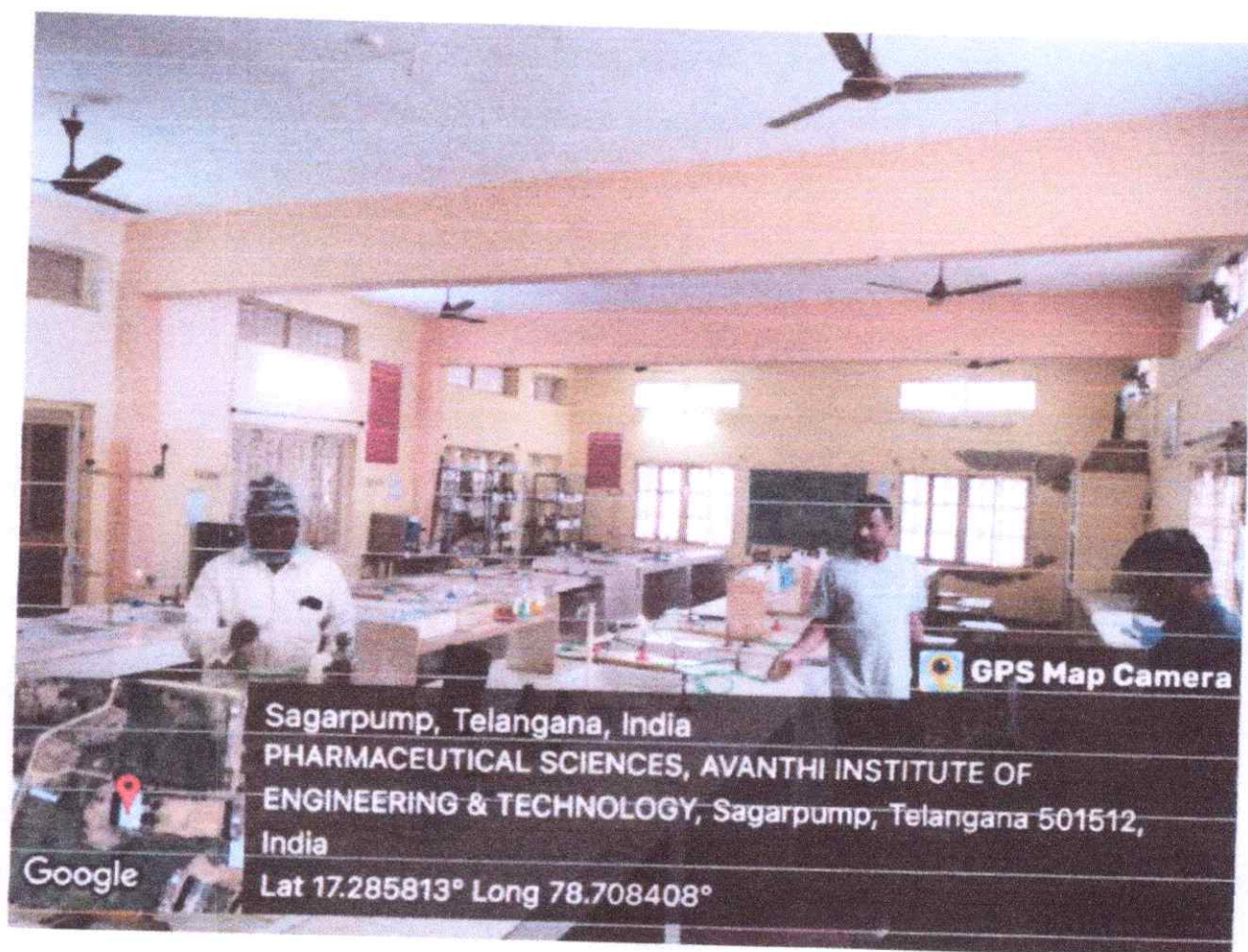
PHARMACEUTICAL LABORATORY FACILITIES



MICROBIOLOGY LAB




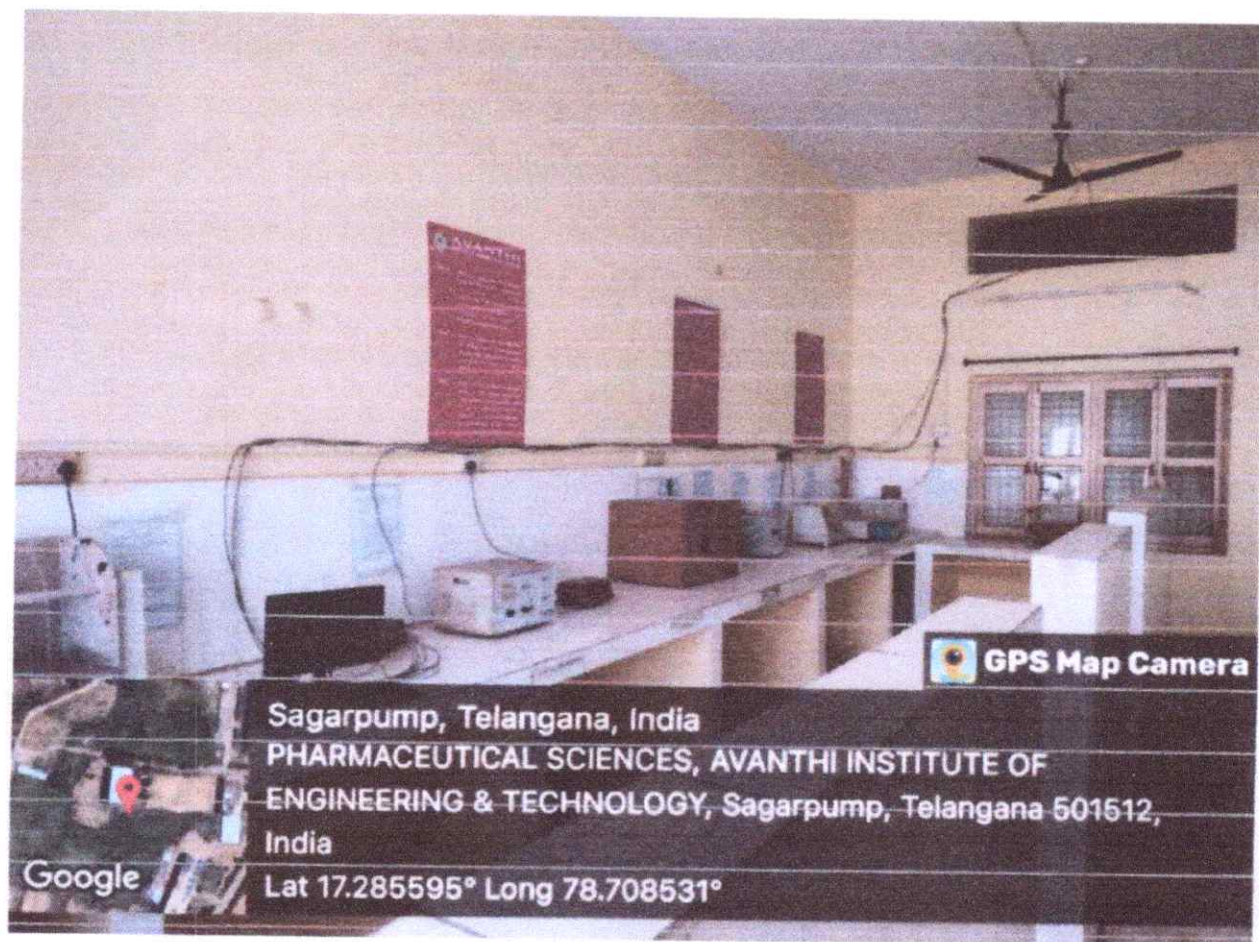
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PHARMACEUTICAL ORGANIC CHEMISTRY LAB



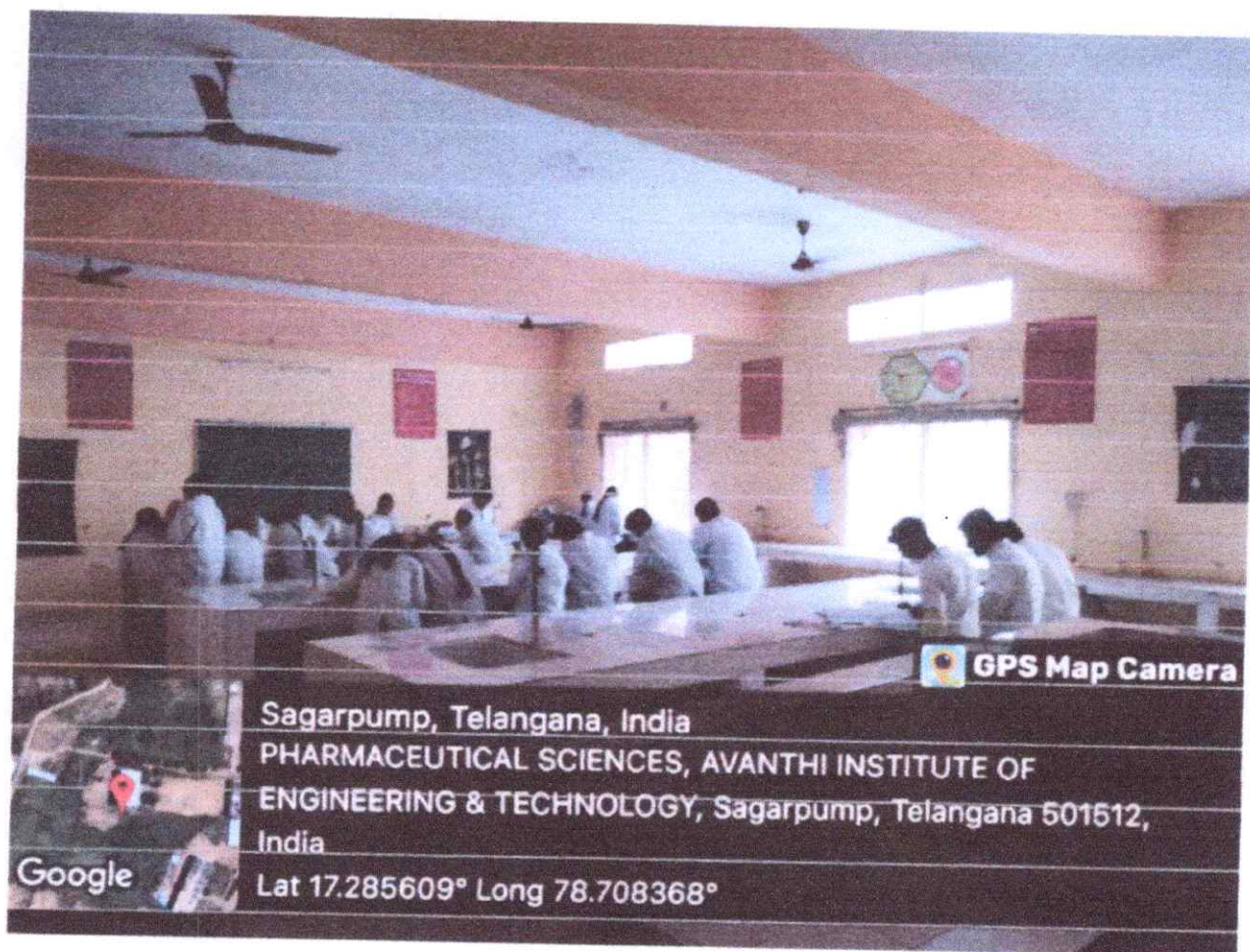

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PHARMACEUTICAL TECHNOLOGY



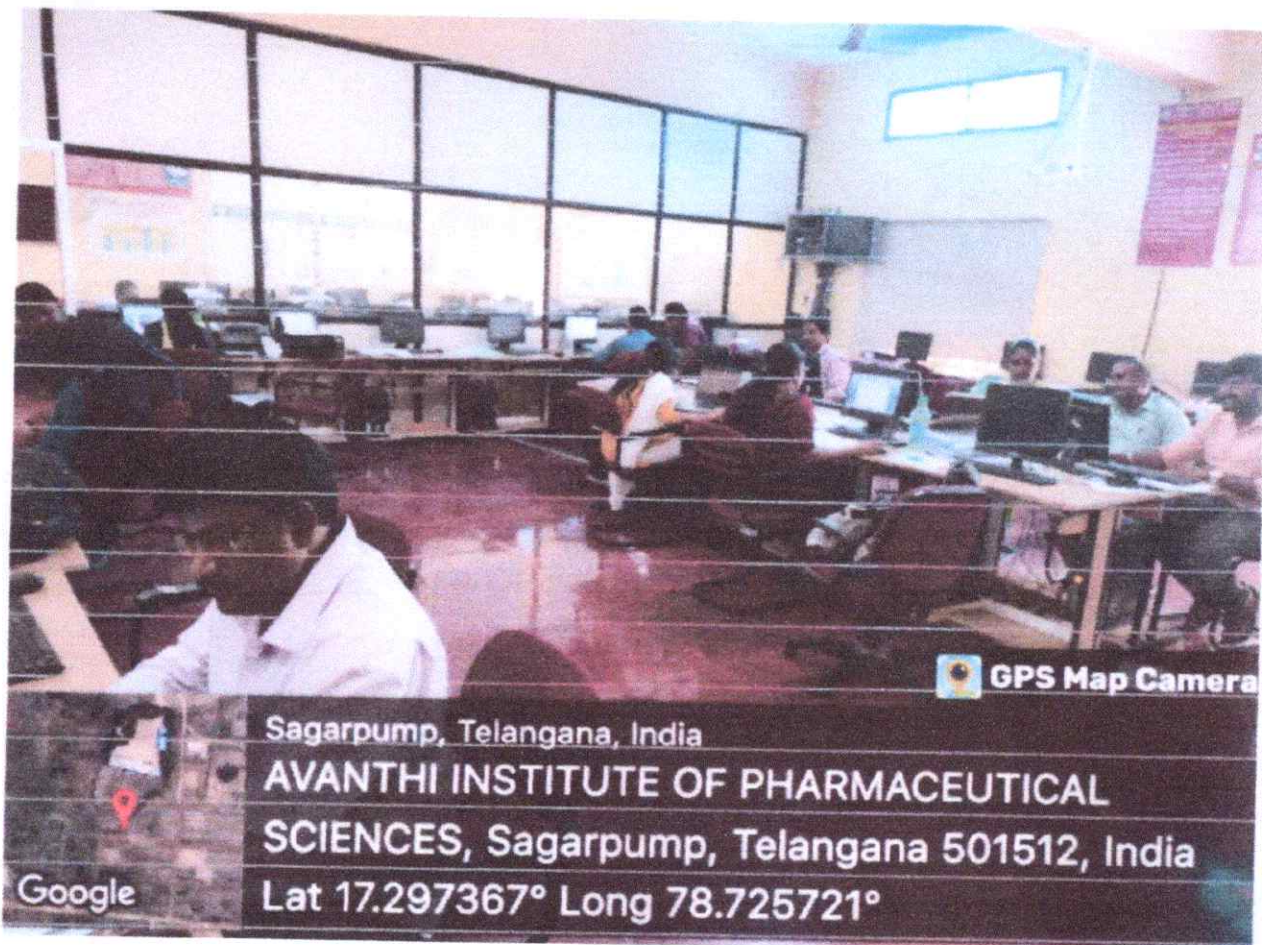
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HUMAN ANOTAMY PHYSIOLOGY LAB



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COMPUTER LAB



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