



3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge.

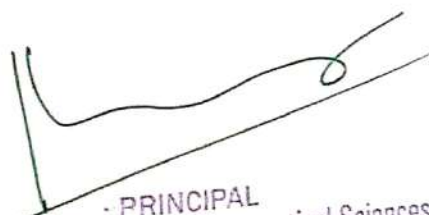
#### RESEARCH & DEVELOPMENT CELL

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

S.No.	Name of the Faculty	Designation	Department
1	Dr. K.Balaji	Professor	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. Nagaraju	Assoc. Professor	Pharmaceutics
6	G. Swapna	Asst. Professor	Pharmaceutical Chemistry
7	P. Lavanya	Asst. Professor	Pharmaceutics

  
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Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.



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Facilities of R&D Cell

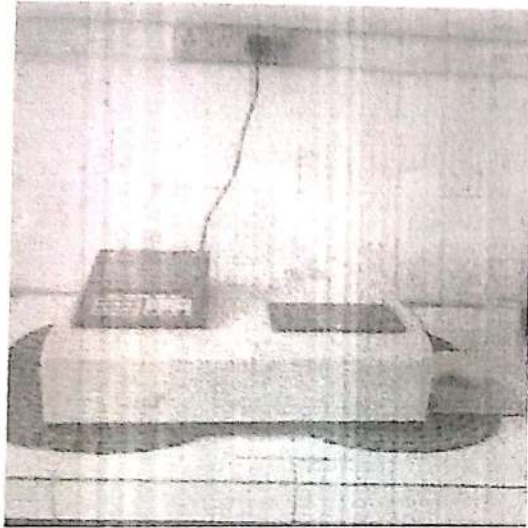
S.NO.	Equipment
1	UV-Visible Spectrophotometer
2	Fluorimeter
3	Flame Photometer
4	Dissolution Apparatus
5	Disintegration Apparatus
6	Tablet Punching Machine
7	pH meter
8	Tablet coating pan

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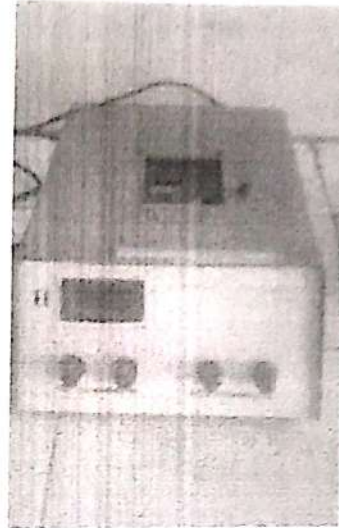




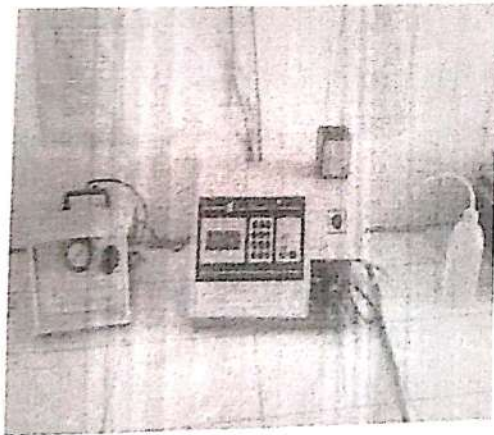
**UV-Visible Spectrophotometer**



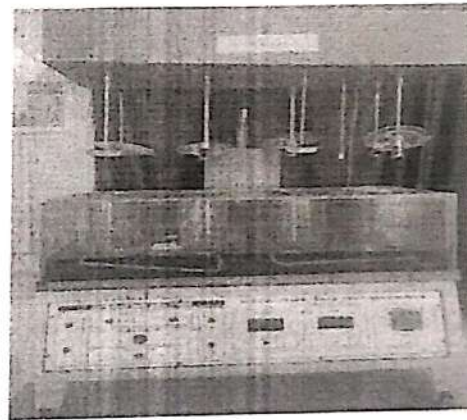
**Fluorimeter**




**Flame Photometer**



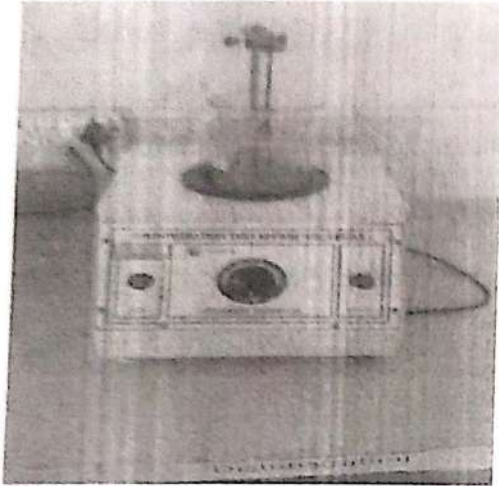
**Dissolution Apparatus**



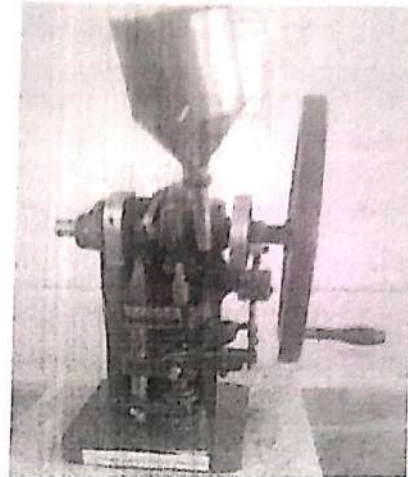
  
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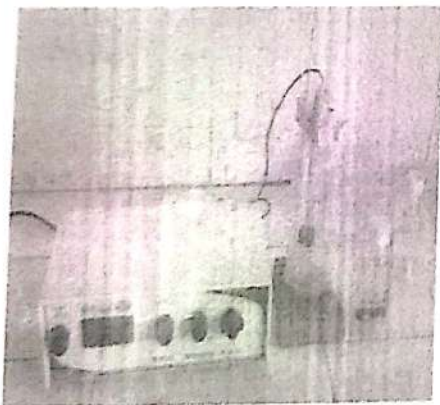
**Disintegration Apparatus**



**Tablet punching Machine**




**pH meter**



**Tablet coating pan**



  
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# 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.



Hyderabad,  
Guntapally,  
08-12-2020.

To,

The Principal,

Avanathi Institute of Pharmaceutical Sciences, Guntapally, Hyderabad.

**Subject:** Requesting to held a Meeting regarding Research & Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further Developments in R & D cell. I am conducting the meeting among all the coordinators from all the Departments.

The meeting would last about 1 hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated.

Thanking you Sir

Yours Sincerely,

R&D Coordinator.

--PRINCIPAL  
Avanathi Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.





Lr.No/AVIPS/2020

Date: 09-12-2020

**CIRCULAR**

It is informed to all the members of R&D Cell to attend the meeting scheduled on 10-12-2020 to discuss about the upcoming R&D activities.

Venue: Seminar Hall

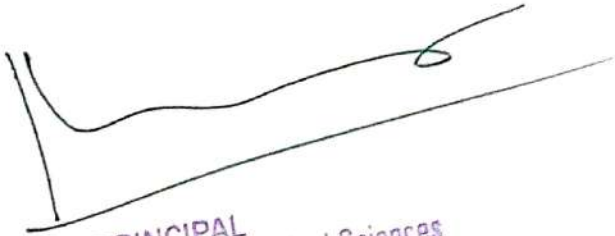
Date: 10-12-2020

Time: 2.00 PM

Principal

Copy to:

1. Principal Office
2. Director-HR
3. All HOD's
4. Administrative Office
5. Library
6. File

  
- PRINCIPAL  
Avanthi's Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.



**MINUTES OF MEETING – R&D**

The minutes of the R & D cell meeting held on December 10, 2020, at 02:00pm in the conference room.

S.No.	Name of the Faculty	Designation	Department
1	Dr. K.Balaji	Professor	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. Nagaraju	Assoc. Professor	Pharmaceutics
6	G.Swapna	Asst. Professor	Pharmaceutical Chemistry
7	P. Lavanya	Asst. Professor	Pharmaceutics

**AGENDA**

- To review the previous R& D activities.
- To discuss about the on-going and submitted externally funded projects
- To provide the opportunity for the students to actively participate in the R& D activities.
- To discuss about the initiation of Incubation Centers
- To discuss about the methods to encourage publication of Papers and Books
- If any other point to be discussed with the permission of the chair.

- PRINCIPAL  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.



**Meeting Outcome:**

- All the Department HOD's discussed about their 20-21 Academic year contributions of faculty and Students regarding research activities.
- The Principal has insisted to all the HOD's to cope up all the students to actively take part in R& D activities and to take necessary action plans in beneficial to the students.
- The Principal insisted to conduct a seminar on booming technology regarding Digitalization in Pharmaceutical Industry.
- The R & D Cell has emphasized the need of Incubation centers in order to inculcate research at student Level.

Finally ensured all the agenda points and meeting was closed with mutual wishes and also decided to have a review meeting once for every month.

**Signature:**

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

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Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.





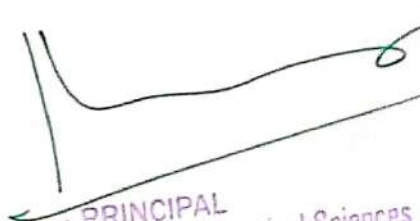
### RESEARCH & DEVELOPMENT CELL

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

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PRINCIPAL  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.



# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by PCI, AICTE & Affiliated to JNTUH)

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



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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Ranga Reddy Dist.





**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.



Hyderabad,  
Guntapally,  
15-04-2021.

To,  
The Principal,  
Avanthi Institute of Pharmaceutical Sciences, Guntapally, Hyderabad.  
**Subject:** Requesting to held a Meeting regarding Research & Development cell

Respected Sir,

I would like to ask you permission to allow us to conduct a meeting regarding the activities and further Developments in R & D cell. I am conducting the meeting among all the coordinators from all the Departments.

The meeting would last about 1hour and would be arranged at a time convenient to the faculty schedule. If you agree, kindly sign below acknowledging your consent and permission for me to conduct this meeting at our conference hall.

Your approval to conduct this meeting will be greatly appreciated.

Thanking you Sir

Yours Sincerely,  
R&D Coordinator.

PRINCIPAL  
Avanthi Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist





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



Lr.No/AVIPS/2020

Date: 17-04-2021

## CIRCULAR

It is informed to all the members of R&D Cell to attend the meeting scheduled on 18-04-2021 to discuss about the upcoming R&D activities.

Venue: Seminar Hall

Date: 18-04-2021

Time: 2.00 PM

Principal

### Copy to:

1. Principal Office
2. Director-HR
3. All HOD's
4. Administrative Office
5. Library
6. File

PRINCIPAL  
Avanathi Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist





## MINUTES OF MEETING – R&D

The minutes of the R & D cell meeting held on April 18, 2021, at 02:00pm in the seminar hall.

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

### AGENDA

- To review the previous R& D activities.
- To discuss about the on-going and submitted externally funded projects
- To provide the opportunity for the students to actively participate in the R& D activities.
- To discuss about the initiation of Incubation Centers
- To discuss about the methods to encourage publication of Papers and Books
- If any other point to be discussed with the permission of the chair.

- PRINCIPAL

Avanthi's Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.



# 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.



## Meeting Outcome:

- All the Department HOD's discussed about their 20-21 Academic year contributions of faculty and Students regarding research activities.
- The Principal has insisted to all the HOD's to cope up all the students to actively take part in R& D activities and to take necessary action plans in beneficial to the students.
- The Principal insisted to conduct a seminar on booming technology regarding Clinical trials.
- The R & D Cell has emphasized the need of Incubation centers in order to inculcate research at student Level.

Finally ensured all the agenda points and meeting was closed with mutual wishes and also decided to have a review meeting once for every month.

## Signature:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

PRINCIPAL  
Avanathi's Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.



# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

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



Hyderabad,  
Guntapally,  
21-12-2020.

To,  
The Principal,  
Avanathi Institute of Pharmaceutical Sciences, Guntapally, Hyderabad.  
**Subject:** Permission for conducting a seminar

Respected Sir,

I would like to ask you permission to allow us to conduct a seminar on "**Digitalization in Pharmaceutical Industry**" in our Institution on 23-12-2020. Kindly give a permission to conduct seminar in our seminar Hall.

Your approval to conduct this seminar will be greatly appreciated.

Thanking you Sir

Yours Sincerely,  
R&D Coordinator.

PRINCIPAL  
Avanathi Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.





# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

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



Lr.No/AVIPS/2020

Date: 22-12-2020

## CIRCULAR

It is informed to all the faculty members and students to attend the seminar on Digitalization in Pharmaceutical Industry organized by department of pharmacy, Avanthi Institute of Pharmaceutical Sciences.

Speaker: Student of Pharmacy

Venue: Seminar Hall


Date: 22-12-2020

Time: 2.00 PM

Principal

Copy to:

1. Principal Office
2. Director-HR
3. All HOD's

  
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Avanthi Institute of Pharmaceutical Sciences  
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Ranga Reddy Dist.







# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

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



**Participants:** Faculty and students

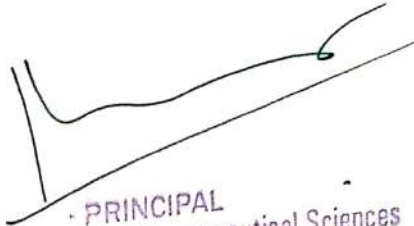
**Topic:** Digitalization in Pharmaceutical Industry

**Speaker:** Student of Pharmacy-T.Shashidhar

**Date:** 22-12-2020

## Report on Seminar

A seminar was conducted on Digitalization in Pharmaceutical Industry at 2.00pm, in Pharmacy Seminar Hall. The seminar was delivered by student of Pharmacy- T.Shashidhar. The seminar was all about the pharmaceuticals and life sciences industry has been very cautious in applying digital technology to improve manufacturing and supply chain operations thus far, yet that caution is becoming a hindrance. As the pharma industry faces growing challenges — including globalization, great supply chain complexity, price and cost pressure, and personalized medicine, among others — digitization holds tremendous potential in helping companies adapt.

  
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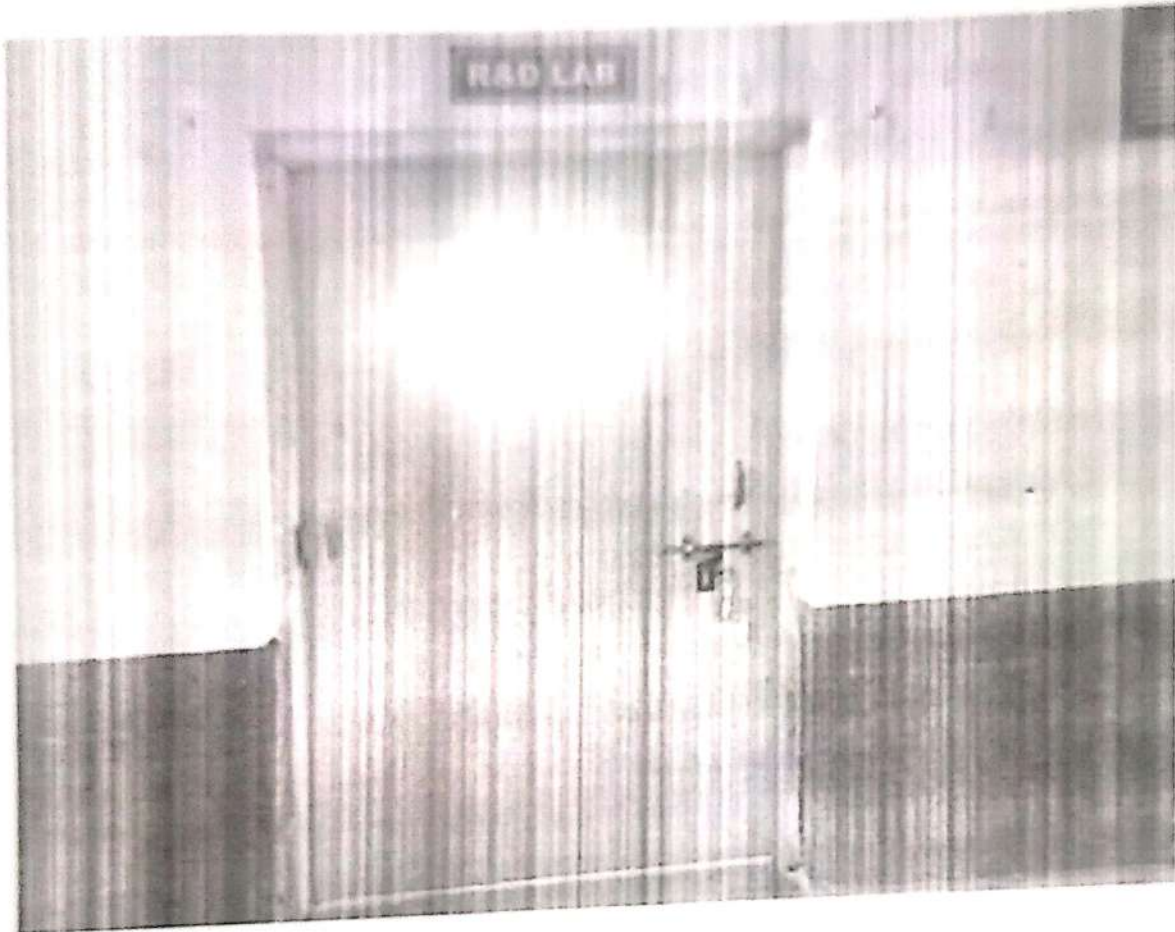




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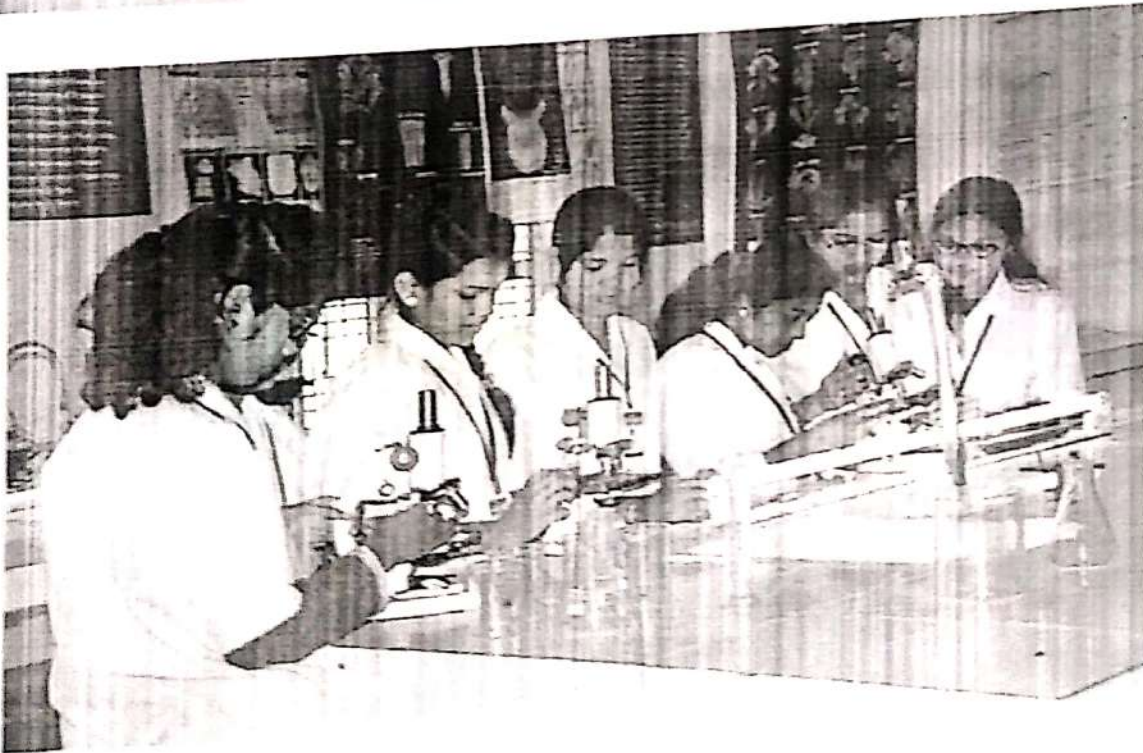




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Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Film City, Hyderabad - 501 512.



*[Handwritten Signature]*

PRINCIPAL  
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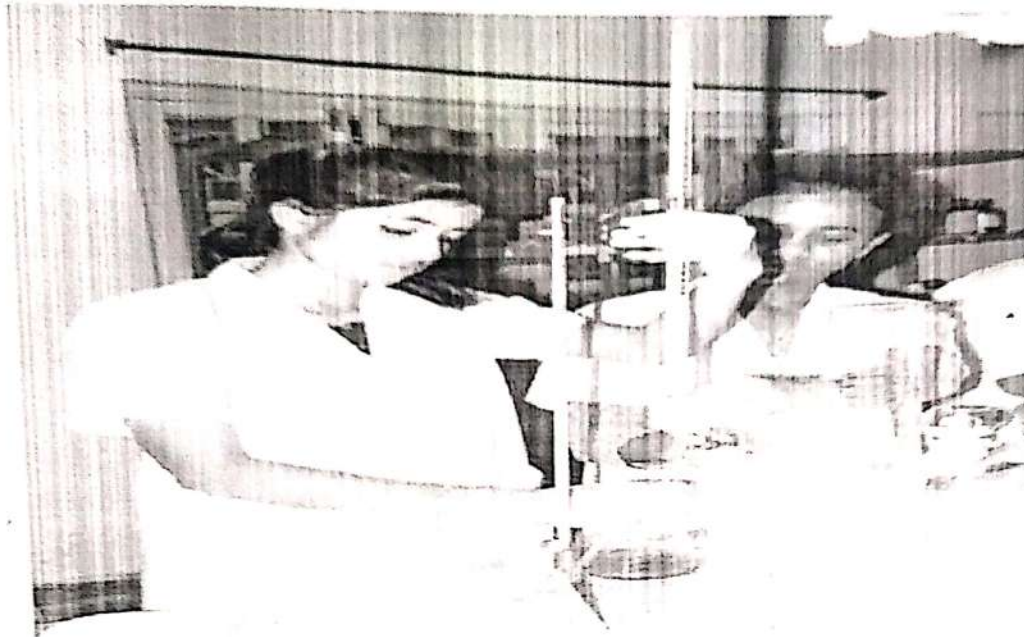




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Gunthapally (V), Hayath Nagar (M),  
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Gunthapally (V), Abdullapurmet (M), R. R. Dist., Near Pampoti Filtration, Hyderabad - 501 512.



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Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.

