



2.5.1.Mechanism of Internal/External assessment is transparent and the grievance redressal system is time-bound and efficient.

S. No	Description	Page No
1	Mechanism of Internal/ External Examination Redressal Grievance	3-6
2	Internal Assessment	---
	1.MidExams	---
	1.1 Mid Circulars	7-11
	1.2 Mid Time Tables	12-16
	1.2.1.Seating Plan	17
	1.2Question Paper	18-20
	1.3Scheme of Evaluation	21
	1.4Answer Script	22-28
	1.5Objective paper	29
	2.Sample Assignment	30-44
	3.Lab Internal Exam	----
	3.1Question Paper	45
	3.2Scheme of Evaluation	46
	3.3Answer script	47-54
	3.4 Record	55-58
	4.Consolidated Marks	59-64
	5.Display of marks	65-70
	6.Major project Details	71-73
	7.Major project Internal Marks	74-76
	8.Major project External marks	77-80
9.Major Project certificate	81-82	
3	1.External Assessment	----
	1.External lab Exam	----
	1.2 External lab Circulars	83
	1.1External lab Examiners	84
	1.2 Question Paper	85
	1.3 External lab Schedule	86
	1.4 External lab Scheme of Evaluation	87
	1.5 External Lab Script	88-95
	1.6. External Exam Blank Answer Script	96-97
	1.7. External Lab Relieving Letters	98-99
	2. External Theory Exams	---
	2.1.Observer List	100-101
	2.2. External Exam Blank Answer Script	102
	2.3.External Evaluators list	103-104
	2.4 PC and Consolidated Marks Memo	105-106
3. External Project Exam		



# 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.



	3.1 External Examiners given by JNTUH	107-108
4	External Grievances	109-129
5	Internal Grievances	130-144



**Mechanism for Internal Examination Grievance Redressal:** The College has a well organized mechanism for Redressal of examination related grievances. The students can approach the faculty members, the concerned HOD and the Principal to redress the examination related grievances. The institution follows the University policy regarding the conduct of Examinations. The entire mechanism to deal with examination related grievances is time bound as per the University rules and regulations.

### Procedure of Internal Examination:

At the beginning of the semester, faculty members will inform the students about the various components in the assessment process during the semester as per the time-tables issued by JNTUH kukatpally.

- Timetables of both Examinations will be circulated to all HODS and Faculty members.
- The same timetables will be circulated to all the students and also displayed on the College, Notice Board.
- The internal assessment test schedules are prepared as per the university norms and communicated to the students well in advance.
- To ensure proper conduct of formative tests, two invigilators are assigned to each hall.
- Evaluation is done by the course handling faculty members and is informed to submit the evaluated answer scripts within three days from the date of conduct of examination.
- The corrected answer scripts are distributed to the students for their verification and in case of any grievances, steps are also taken to resolve it immediately.
- The marks obtained by the students in internal assessment tests are displayed on the department notice board.
- After that the marks are uploaded periodically on the university web portal along with their attendance.

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- Day to day performance of the students is assessed for every experiment which includes regularity, viva and the promptness in submitting the record. For the quality of the projects, the evaluation is done by Project Review Committee along with project guides.

## Redressal of Grievances related to Internal Examination(College level):

- After the Mid Exam evaluation, the descriptive answer scripts will be distributed to the students for verification.
- In case of any corrections, the student will take it to the notice of the concerned faculty.
- The concerned faculty will re-evaluate the answer script based on the scheme of evaluation and if no difference in marks is identified, the same will be communicated to the student by explaining the scheme of evaluation. If any difference in marks is noticed, the faculty will modify the marks.
- More than 90% of the issues will be resolved at the faculty level.
- In case the problem is not resolved by the faculty/or if the student is not satisfied, the same would be taken to the notice of concerned HOD.
- The HOD would handle such grievances by assigning the related sheets (question paper, scheme of evaluation, answer script) to the another subject expert for immediate reevaluation.
- After reevaluation if there is no change in the marks; the same would be communicated to the student(s).
- In case of any difference in marks, the concerned HOD will inform to the subject faculty to update the marks.
- The Mid marks are allotted based on defined strategies and displayed on notice board.

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*[Signature]*  
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## Mechanism for External Examination Grievance Redressal:

The college has a well organized mechanism for Redressal of examination related grievances. All the discrepancies regarding examination, faced by the college is immediately brought to the notice of the Controller of Examination of the University and corrections if any are done only after getting instructions from the University. It is very transparent and time bound.

## Procedure of External Examination:

- The End Examination for the laboratory and projects shall be conducted with External examiner appointed from the other colleges as decided by the University.
- The Examination Cell will prepare the invigilation chart for Faculty and seating plan arrangement for the students with internal jumbling mechanism based on the time tables.
- Invigilators shall make announcement in the Examination hall about the rules regarding the conduct of Examinations including the prohibition of electronic devices by the students in the Examination hall.
- The invigilators are expected to be tactful while dealing with complex situations and not to disturb the tranquility in the exam hall.
- In case any problem is identified, he/she may bring the matter to the notice of the Chief Superintendent and depending on the seriousness of the issue, the same can/could be taken to Controller of the Examinations (CoE).
- Generally, scheduled forenoon session Examinations starts at 10.00 AM and afternoon session Examinations starts at 2.00 PM.
- Invigilators were informed to arrive at the respective examination halls at least 30 minutes before the commencement of the Examination.
- All invigilators appointed in a hall are informed to report back in the Examination Cell after the completion of examination and are solely responsible for the submission of the answer booklets to the concerned Examination Cell authorities.
- Invigilators were informed to report immediately to the Chief Superintendent if any unusual incidents identified/traced during the examinations.

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- As per the University regulations, our students are allotted other institutions as exam centers and our college is allotted as centre for other Institutions.
- External examiners for labs & Project Viva will be appointed from university.
- Our faculty members will be relieved for exam duties as Observer, external examiner for other institutions as per the slots provided by the University.
- Our faculty members will be relieved for Spot valuation for paper corrections & Scrutiny as per the slots given by the University.

### **Redressal of grievances related to External Examinations (University level):**

- The queries related to results, corrections in mark sheets issued by the University are handled at JNTU-H Examination Cell after forwarding such queries through the college Examination Cell. If the students are not satisfied with the marks evaluated by the University, the students are allowed to apply for Revaluation, Recounting and Challenged Evaluation by paying the necessary processing fee to the University. For students whose marks are not entered or incorrectly entered, the college sends a photocopy of the mark list with an application to rectify the error at the University level. Thus the college is prompt and take sut most care in handling any Grievances of the student(s).

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## Mid Circulars

Cir./Exam Section/0001

Date:02-08-2022

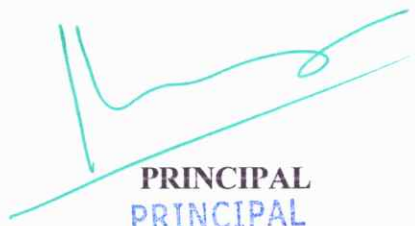
Attention all the B.Pharm II YEAR II SEM students are here by informing you that MID-II examinations will be conducted from 10-08-2022 to 12-08-2022.

Time: FN: 09.40 AM TO 11.00 AM

AN: 01.40 PM TO 03.00 PM

OIE



  
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Copy to: 1. HOD

2. Administrative Office

3. Notice Boards

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## Mid Circulars

Cir./Exam Section/0002

Date:22-10-2022

Attention all the IV B.Pharm I SEM students are here by informing you that MID-I examinations will be conducted from 01-11-2022 to 04-11-2022.

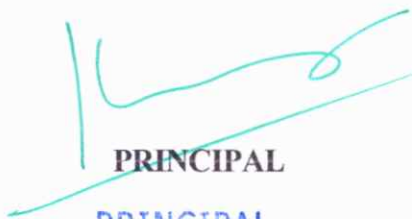
Time: FN: 09.40 AM TO 11.00 AM

AN: 01.40 PM TO 03.00 PM



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  3. Notice Boards

  
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## Mid Circulars

Cir./Exam Section/0003

Date:22-10-2022

Attention all the I B.Pharm II SEM students are here by informing you that MID-II examinations will be conducted from 01-11-2022 to 04-11-2022.

Time: FN: 09.40 AM TO 11.00 AM

AN: 01.40 PM TO 03.00 PM



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## Mid Circulars

Cir./Exam Section/0004

Date:09-11-2022

Attention all the III B.Pharm I SEM students are here by informing you that MID-I examinations will be conducted from 11-11-2022 to 14-11-2022.

Time: FN: 09.40 AM TO 11.00 AM

AN: 01.40 PM TO 03.00 PM

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## Mid Circulars

Cir./Exam Section/0003

Date:03-04-2023

Attention all the III B.Pharm I SEM students are here by informing you that MID-I examinations will be conducted from 10-04-2023 to 12-04-2023.

Time: FN: 09.40 AM TO 11.00 AM

AN: 01.40 PM TO 03.00 PM

OIE

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KUKATPALLY - HYDERABAD - 500 085  
EXAMINATION BRANCH

II YEAR B.PHARMACY II SEMESTER- R17- II MID TERM EXAMINATIONS AUGUST-2022-(IN OFFLINEMODE)

## T I M E T A B L E S

TIME → FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)  
AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)


COURSE YEAR & SEM.	DATE & DAY				
	10-08-2022 FN WEDNESDAY	10-08-2022 AN WEDNESDAY	11-08-2022 FN THURSDAY	11-08-2022 AN THURSDAY	12-08-2022 FN FRIDAY
B.PHARMACY II YEAR II SEM.	Pharmaceutical Organic Chemistry-III	Medicinal Chemistry-I	Physical Pharmaceutics-II	Pharmacology-I	Pharmacognosy and Phytochemistry-I

DATE:30-07-2022

Sd/-  
CONTROLLER OF EXAMINATIONS

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.  
(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.  
(iii) THE PATTERN OF THE DESCRIPTIVE AND OBJECTIVE TYPE PAPERS SHALL BE IN REGULAR PATTERN AS GIVEN IN R17 REGULATION



  
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EXAMINATION BRANCH

**III YEAR B.PHARMACY- I SEMESTER– R17 REGULATION I - MID TERM EXAMINATIONS NOVEMBER-2022-(IN OFFLINE MODE)**

REVISED TIMETABLE

TIME → FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVES EXAM: 10.40 AM TO 11.00 AM)

AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)

BRANCH	11-11-2022 FN FRIDAY	11-11-2022 AN FRIDAY	12-11-2022 FN SATURDAY	12-11-2022 AN SATURDAY	14-11-2022 FN MONDAY
B.PHARMACY III YEAR I SEM.	Medicinal Chemistry II	Industrial Pharmacy - I.	Pharmacology II	Pharmacognosy and Phytochemistry - II	(Open Elective-I) Generic Product Development
					Green Chemistry
					Cell and Molecular Biology
					Cosmetic science

DATE:07.11.2022

CONTROLLER OF EXAMINATIONS

Note:

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EXAMINATION BRANCH

**IV YEAR B.PHARMACY I SEMESTER– R17 REGULATION I - MID TERM EXAMINATIONS NOVEMBER-2022-(IN OFFLINE MODE)**

TIMETABLE

TIME→ FN: 11.40 AM TO 1.00 PM (DESCRIPTIVE EXAM: 11.40 AM TO 12.40 PM, OBJECTIVE EXAM: 12.40 PM TO 1.00 PM)

AN: 3.40 PM TO 5.00 PM (DESCRIPTIVE EXAM: 3.40 PM TO 04. 40 PM, OBJECTIVE EXAM: 4.40 PM TO 05.00 PM)

BRANCH	01-11-2022 FN TUESDAY	01-11-2022 AN TUESDAY	02-11-2022 FN WEDNESDAY	02-11-2022 AN WEDNESDAY	04-11-2022 FN FRIDAY
<b>B.PHARMACY IV YEAR I SEM.</b>	Instrumental Methods of Analysis	Industrial Pharmacy-II	Pharmacy Practice	Novel Drug Delivery Systems	Pharmaceutical Marketing
					Pharmaceutical Regulatory Science
					Pharmacovigilance
					Quality Control and Standardization of Herbals

Sd/-

CONTROLLER OF EXAMINATIONS

DATE:19.10.2022

Note:

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL
- (iii) READMITTED STUDENTS HAVE TO APPEAR FOR THE SUBSTITUTE SUBJECT(S) [WHICH IS/ARE NOT SHOWN IN THE TIME-TABLE] IN PLACE OF THE SUBJECT(S) ALREADY PASSED. FOR DETAILS OF SUBSTITUTE SUBJECTS REFER THE COMMUNICATIONS RECEIVED FROM THE DIRECTOR OF ACADEMIC & PLANNING.
- (iv) **THE PATTERN OF THE DESCRIPTIVE AND OBJECTIVE TYPE PAPERS SHALL BE IN REGULAR PATTERN AS GIVEN IN R17 REGULATION**



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**III YEAR B.PHARMACY- II SEMESTER– R17 REGULATION I - MID TERM EXAMINATIONS APRIL-2023**

**TIME→ FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)  
AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)**

COURSE YEAR & SEM.	DATE & DAY				
	10-04-2023 FN MONDAY	10-04-2023AN MONDAY	11-04-2023 FN TUESDAY	11-04-2023 AN TUESDAY	12-04-2023 FN WEDNESDAY
B.PHARMACY III YEAR II SEM.	Medicinal Chemistry - III	Pharmacology - III	Herbal Drug Technology	Biopharmaceutics and Pharmacokinetics	Open Elective - III
					Pharmaceutical Quality Assurance
					Pharmaceutical Biotechnology
					Bioinformatics
					Screening Methods in Pharmacology

**DATE:28.03.2023**

Sd/-  
**CONTROLLER OF EXAMINATIONS**

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EXAMINATION BRANCH

I YEAR B.PHARMACY II-SEMESTER-R17 REGULATION II - MID TERM EXAMINATIONS NOVEMBER-2022(IN OFFLINE MODE)

## T I M E T A B L E

TIME → FN: 9.40 AM TO 11.00 AM (DESCRIPTIVE EXAM: 9.40 AM TO 10.40 AM, OBJECTIVE EXAM: 10.40 AM TO 11.00 AM)  
AN: 1.40 PM TO 03.00 PM (DESCRIPTIVE EXAM: 1.40 PM TO 2.40 PM, OBJECTIVE EXAM: 2.40 PM TO 03.00 PM)

BRANCH	DATE, SESSION AND DAY				
	01-11-2022 FN TUESDAY	01-11-2022 AN TUESDAY	02-11-2022 FN WEDNESDAY	02-11-2022 AN WEDNESDAY	04-11-2022 FN FRIDAY
B.PHARMACY	HUMAN ANATOMY AND PHYSIOLOGY II	PHARMACEUTICAL ORGANIC CHEMISTRY I	BIOCHEMISTRY	PATHOPHYSIOLOGY	COMPUTER APPLICATIONS IN PHARMACY


DATE: 19-10-2022

Sd/-  
CONTROLLER OF EXAMINATIONS

NOTE:

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- (ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.



  
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Gunthapally (V), Hayathnagar (M), R.R. Dist

**DATE: 10-04-2023.**

Time: FN: 09.40 AM TO 11.00 AM

AN: 01.40 PM TO 03.00 PM

### SEATING PLAN

#### **Mid examinations for III-I SEM**

S.NO	ROOM NO	YEAR	FROM	TO	NO OF STUDENTS	TOTAL
01	201	III- II	20GN1R0001	20GN1R0025	25	25
02	202	III -II	20GN1R0026	20GN1R0050	25	25
03	203	III- II	20GN1R0051	20GN1R0075	25	25
04	204	III- II	20GN1R0076	20GN1R00AO	25	25

*P. Nagareji*  
EXAM BRANCH

*M.R. Kiran*  
H.O.D

*[Signature]*  
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## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

Gunthapally (V), Abdullapurmet (M), R.R. Dist

B.Pharm III- Year I-Mid Term Exam

Subject : PHARMACOLOGY-III

Date: 10-04-2023

Time: 1 hr

Marks: 10

Answer any 2 from the following questions

1. A) write the classification of anti asthmatic drugs?  
B) write the pharmacology of anti tussives?
2. Write the pharmacology of antiulcer drugs?
3. A) write a note on general principles of chemotherapy?  
B) write the mechanism of action of sulfonamides and tetracyclines?
4. A) write the classification of semisynthetic penicillins and mechanism of action of penicillins?  
B) write the classifications of constipation and antiemetics?



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**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES**  
**III B.Pharmacy-II Sem., I-Mid-Term Examinations, APRIL- 2023**  
**PHARMACOLOGY-III**  
**Objective Exam**

Name: \_\_\_\_\_ Hall Ticket No. \_\_\_\_\_

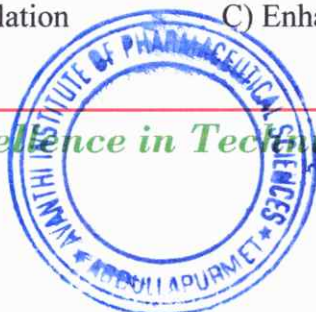
--	--	--	--	--	--	--	--	--	--	--

**I. Choose the correct answers**

**10X ½ = 5 Marks**

1. Which drug comes under the proton pump inhibitors from the following ( )  
A) Omeprazole B) Pantoprazole C) Ilaprazole D) All the above
2. All purgatives increase water content of faeces by ( )  
A) Osmotic action B) acting on intestinal mucosa  
C) increaing proplside activity D) All the above
3. Which of the following inhibit the protein synthesis ( )  
A) Penicillins B) Tetracyclines C) Aminoglycosides D) All the above
4. Absorant drugs for antidiarrhoeal drugs ( )  
A) Ispaghula B) Methyl cellulose C) Both A and B D) Codeine
5. Which of the antibiotics are naturally occurring source of drugs from fungi ( )  
A) Penicillins B) Cephalosporin C) Griseofulvin D) all the above
6. Sulfonamides are primarily act as a ..... drugs ( )  
A) Bacteriostatic B) Bactericidal C) Both A and B D) None
7. Qunilones are synthetic antimicrobials having quinoline structure acting against ( )  
A) Gram -ve bacteria B) Gram +ve bacteria  
C) bacterial DNA gyrase D) All the above
8. Villious cell action on Na/K ATPase to impairing electrolyte & water absorption in constipation ( )  
A) Inhibition B) Stimulation C) Enhance D) Destroying

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9. Chloramphenicol are more active against ( )  
A) H. Influenza B) B. Pertussis C) S. Typhi D) Both A and B
10. Gray baby syndrome common adverse effect of ( )  
A) Chloramphenicol B) Macrolides C) Tetracyclines D) Sulfonamides

### Fill in the blanks

1. Thromboplebitis is .....
2. What are the 2 Amino sugars are present in bacterial cell wall.....  
.....
3. Ototoxicity is adverse toxicity of.....
4. Aminoglycosides are binds to ..... , ..... Ribosomes
5. Granuloma inguinale means.....
6. NTS means.....
7. Flouroquinolones are the drugs which inhibits the enzyme.....
8. Trimethoprim inhibits the .....folic acid
9. Write the example of Neuroleptics (D2 blockers).....
10. Write the examples of digestants .....





## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

Gunthapally (V), Abdullapurmet (M), R.R. Dist

**B.Pharm III- Year I-Mid Term Exam**

**Subject : PHARMACOLOGY-III**

**Date: 10-04-2023**

**Time: 1 hr**

**Marks: 10**

### Scheme of Evaluation

#### QUESTION NO: 1

- A) Classification of anti asthmatic drugs : 2 1/2 M  
B) write the pharmacology of anti tussives? : 2 1/2 M

#### QUESTION NO: 2

Write the pharmacology of antiulcer drugs? : 5M  
Classification, Drug mechanism, Uses adverse effects

#### QUESTION NO: 3

- A) write a note on general principles of chemotherapy? : 2 1/2 M  
• principles of chemotherapy?  
B) write the mechanism of action of sulfonamides and tetracycline's?: 2 1/2 M

#### QUESTION NO: 4

- A) Write the classification of semisynthetic penicillins : 1 M  
Mechanism of action of penicillins? : 2 1/2 M  
B) write the classifications of constipation and antiemetics? : 2 1/2 M



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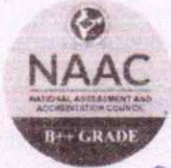




# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, Recognised by Govt. of T.S. & Affiliated to JNTU, Hyderabad)

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



## INTERNAL DISCRIPTIVE EXAM



NAME: P. Hrushini

DATE: 10/4/23

ROLL No: 20A N1R0066

Subject: Pharmacology - II

CLASS: B. Pharm - 3<sup>rd</sup> year SEM: 3-2

SIGNATURE OF THE INVIGILATOR'S:

SIGNATURE OF THE STUDENT: P. Hrushini

TOTAL MARKS: 22

Answer the following

1A) Classification of anti-asthmatic drugs :-

- i) Bronchodilators
- ii)  $\beta_2$ -adrenergic receptors :-

Eg: Salbutamol, Terbutaline, Salmeterol

iii) Methyl xanthines :-

Eg: Theophylline, Aminophylline, Doxiphylline

iv) Anti-cholinergics :-

Eg: Ipratropium bromide, Tiotropium bromide

v) Leukotriene antagonists :-

Eg: Montelukast, Zafirlukast



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i) Systematic corticosteroids :-

Eg: - Hydrocortisone, prednisolone, other glucocorticoid

ii) Inhalation corticosteroids :-

Eg: Beclomethone dipropionate  
Flutisone propionate.

iii) Anti IgE antibody :- Eg: Omalizumab

B) Pharmacology of Anti-tussives :-

- Anti-tussives are the drugs that are used in the treatment of dry cough.
- Dry cough caused by stimulating of Reflex arc present in central nervous system.

Classification :-

I) Centrally acting drugs / anti-tussive agents :-

i) Opioids :- Eg: Morphine, Codeine.

ii) Non-opioids :- Eg: Noscapine, Dextromethorphan

iii) Anti-histamines :- Eg: chlorpheniramine, Promethazine.

ii) Pharyngeal demulcents :-

Eg: lozenges, Syrups, Glycerol.



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## Pharmacological Actions:

**CNS** → These drugs causes sedation, drowsiness, restlessness, Euphoria

**CNS** → causes hypotension.  
↓ in heart beat [bradycardia]

**Smooth muscle** → contraction of muscles.

**GIT** → ↓ in peristaltic movement.  
~~↓ in~~ ↓ in the secretion.

## Pharmacokinetics:

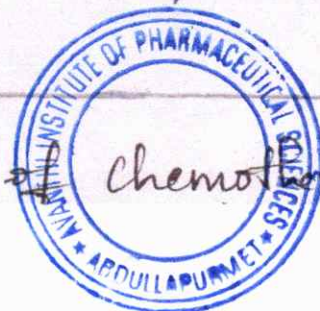
- orally absorption
- distributed in the body
- metabolize in liver and excreted through urine.

ADRS :: Drowsiness, restlessness, vomiting, Nausea, headache.

- Euphoria
- hypotension

uses :: - used in the treatment of dry cough  
- used in treatment of bronchial asthma, COPD.

3A) General principles of Chemotherapy :



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- 3) Based on type of organism.
- 4) Based on spectrum of activity
- 5) Based on its action
- 6) Based on sources of m.o.

i) Based on chemical structures:  
They are classified into 18 types.

- 1) Sulfonamides & related drugs
- 2) Diamino pyridines
- 3) Quinolones
- 4)  $\beta$ -lactam antibiotics
- 5) Tetracyclines
- 6) Nitro benzene derivatives
- 7) Aminoglycosides
- i) 8) Macrolides
- iii) 9) Lincosamides
- 10) Glycopeptide derivatives
- iv) 11) Oxazolidinone



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16) Azoles derivatives

17) others.

2) Based on mechanism of action

1) Inhibit cell wall synthesis

2) Inhibit protein synthesis

3) Cause cell leakage from cell membrane

4) Inhibit the m-RNA

5) Interfere with DNA function

6) Interfere with intermediary metabolites

- Based upon this 6 types that is inhibition/killing of the microorganisms.

3) Based on type of organisms:-

1) Anti-bacterial → used to kill bacteria.

Eg: - penicillin

2) Anti-fungal → used to <sup>treat</sup> kill fungal infection

Eg: Griseofulvin

3) Anti viral → used to treat viral infections

Eg: Acyclovir

4) Anti protozoal → used to treat protozoal infection

Eg: Metronidazole



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2) Broad spectrum → ability to kill both Gram (+ve) & Gram (-ve) Bacteria.

Eg: Tetracyclines --

3) Intermediate spectrum of activity.

5) Based on type of action :-

1) Primarily bacteriostatic

→ these only suppress/inhibit the micro organisms

Eg: Sulfonamides, Tetracyclines

2) Primarily bactericidal

- these kill the micro organisms.

Eg: penicillins, chloramphenicol.

3) High doses causes bacteriocidal action

Eg: Tetracyclines, Sulfonamides [in combination with trimethoprim]

6) Based on sources :-

i) Fungi → Eg: penicillium notatum.

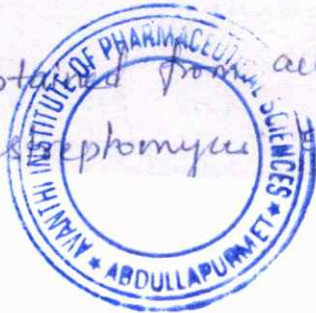
↳ obtained from fungal species.

ii) 2) Bacteria → obtained from bacteria species

Eg: E. coli, Enterococci bacteria.

iii) 3) Actinomyces → obtained from actinomyces species

Eg: streptomyces erythraeus.



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PABA  $\xleftarrow{\ominus}$  sulfonamides  
 $\ominus \downarrow$   
 DHFA  
 $\ominus \downarrow$  Dihydrofolate Reductase  $\leftarrow$  Trimethoprim.  
 $\ominus$  THFA  $\rightarrow$  DNA  $\rightarrow$  no replication

Sulfonamides act on PABA and do not convert into dihydrofolic acid  $\rightarrow$  it is useful for folic acid synthesis

$\downarrow$   
 Less in folic acid, no growth & development of microorganisms.

$\downarrow$   
 Inhibition of microorganisms

Mechanisms of action of Tetracyclines:-

Tetracyclines are bacteriostatic and inhibit the protein synthesis in bacteria.

Tetracyclines binds to 30s subunit of ribosomal rRNA

$\downarrow$   
 they less the amino acyl transferase- tRNA enzymes  $\rightarrow$  [ribulic is responsible for crosslinkage]

$\downarrow$   
 Breaking of peptide bond / crosslinkage is take place

$\downarrow$   
 no protein synthesis, no growth & development of microorganisms.



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**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES**  
 III B.Pharmacy-II Sem., I-Mid-Term Examinations, APRIL- 2023  
**PHARMACOLOGY-III**  
 Objective Exam

Name: P. Harshini Hall Ticket No. 200ANIR0066

I. Choose the correct answers 10X 1/2 = 5 Marks

1. Which drug comes under the proton pump inhibitors from the following (D)

A) Omeprazole B) Pantoprazole C) Ilaprazole  D) All the above

2. All purgatives increase water content of faeces by (D)

A) Osmotic action B) acting on intestinal mucosa

C) increasing propulsive activity  D) All the above

3. Which of the following inhibit the protein synthesis (D)

A) Penicillins B) Tetracyclines C) Aminoglycosides  D) All the above

4. Absorbant drugs for anti diarrhoeal drugs (C)

A) Ispaghula B) Methyl cellulose  C) Both A and B D) Codeine

5. Which of the antibiotics are naturally occurring source of drugs from fungi (D)

A) Penicillins B) Cephalosporin C) Griseofulvin  D) all the above

6. Sulfonamides are primarily act as a ..... drugs (A)

A) Bacteriostatic B) Bactericidal C) Both A and B D) None

7. Quinolones are synthetic antimicrobials having quinoline structure acting against (C)

A) Gram -ve bacteria B) Gram +ve bacteria

C) bacterial DNA gyrase D) All the above

8. Villous cell action on Na/K ATPase to impairing electrolyte & water absorption in constipation (B)

A) Inhibition  B) Stimulation C) Enhance D) Destroying

9. Chloramphenicol are more active against (C)

A) H. Influenza B) B. Pertussis  C) S. Typhi D) Both A and B

10. Gray baby syndrome common adverse effect of (A)

A) Chloramphenicol B) Macrolides C) Tetracyclines D) Sulfonamides

*Handwritten:* Fill in the blanks

1. Thromboplebitis is inflammation in veins

2. What are the 2 Amino sugars are present in bacterial cell wall NAM, NAG  
(NAM) N-acetyl muramic acid  
(NAG) N-acetyl glucosamine

3. Ototoxicity is adverse toxicity of aminoglycosides

4. Aminoglycosides are binds to 30S 50S Ribosomes

5. Granuloma inguinale means genital ulcerative disease

6. NTS means nucleus tractus solitarius

7. Flouroquinolones are the drugs which inhibits the enzyme DNA gyrase

8. Trimethoprim inhibits the conversion of dihydrofolic acid to folic acid

9. Write the example of Neuroleptics (D2 blockers) Dopamine

10. Write the examples of digestants pepsin, pepsin etc.



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Avanathi Institute of Pharmaceutical  
Sciences

Name :- P. Haashini

Std :- B.Pharm - 3<sup>rd</sup> year

Roll No :- 20GNIR0066

Sub :- Pharmacology - 3 Assignment

Topic Monoclonal Antibodies  
Mutation, Carcinogenicity

Submitted To:

shulthi Mam



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# ①

## Monoclonal Antibodies

Antibody:- An antibody protein used by Immune system to identify and neutralize foreign objects like bacteria & viruses.

→ Each antibody recognises a specific antigen unique to its target.

### Monoclonal Antibodies:- History and Development

Paul Ehrlich at the beginning of 50<sup>th</sup> century coined the term "magic bullets" and postulated that if a compound could be made that selectively targets a disease causing organism then a toxin for that organism could be delivered along with the agent of selectivity.

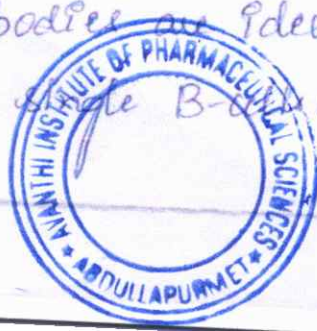
→ In the 1970's the Bell cancer myeloma was known. It was understood that these cancerous Bells all produce a single type of antibody.

→ In 1975 Kohler & Milstein provided for most outstanding proof of the clonal (cancerous Bells) selection theory by fusion of normal and malignant cells (Hybridoma technology) for which they received Noble prize in 1984.

→ In 1986, First monoclonal antibody was licensed by FDA orthoclone OMT<sub>3</sub> which was approved for use in preventing kidney transplant rejection.

### Monoclonal Antibodies :-

→ Monoclonal antibodies are identical immunoglobulins generated from a single B-cell clone. These antibodies



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recognise unique epitopes, or binding sites on a single antigen. Derivation from a single B-cell clones and subsequent targeting in a single epitope is what differentiates monoclonal antibodies from polyclonal antibodies.

→ Polyclonal antibodies are antibodies that are derived from different cell lines. They differ in amino acid sequences.

### Characteristics of Monoclonal Antibodies:-

→ Monoclonal antibodies (mAb) are single type of antibody that are identical and are directed against a specific epitope (antigen, antigenic determinant) and are produced by B-cell clone of a single parent (or) a single hybridoma cell line.

→ A hybridoma cell line is formed by fusion of one B-cell lymphocytes with myeloma cells.

→ Some myeloma cell synthesize single mAb antibodies naturally.

### Difference btw polyclonal & monoclonal Antibodies:-

	<u>Polyclonal Antibodies</u>	<u>Monoclonal antibody</u>
Produced by	many B-cells clones	A single B-cell clone
Binds to	Multiple epitopes of all antigen used in immunization	A single epitope of a single antigen.



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Antibody class	A mixture of different AB classes (isotypes)	All of a single AB class
Ag-binding sites	A mixture of Abs with different antigen binding sites	All Abs have the same antigen binding site
Potential to cross reactivity	High	Low

### Advantages of using monoclonal antibodies:

- Through expensive monoclonal antibodies are cheaper to develop than conventional drugs because it is based on tested technology.
- Side effects can be treated & reduced by using mice-human hybrid cells (or) by using fractions of antibodies.
- They bind to specific diseased (or) damaged cells needing treatment.
- They treat a wide range of conditions.

### Disadvantages:-

Time consuming project :- anywhere between 6-9 months.

- very expensive and needs considerable effort to produce them
- Small peptide and fragment antigens may not be good antigens monoclonal antibody may not recognise the original / antigen.
- Hybridoma culture may be subject to contamination
- System is well developed for only limited animals
- More than 90% cells don't survive

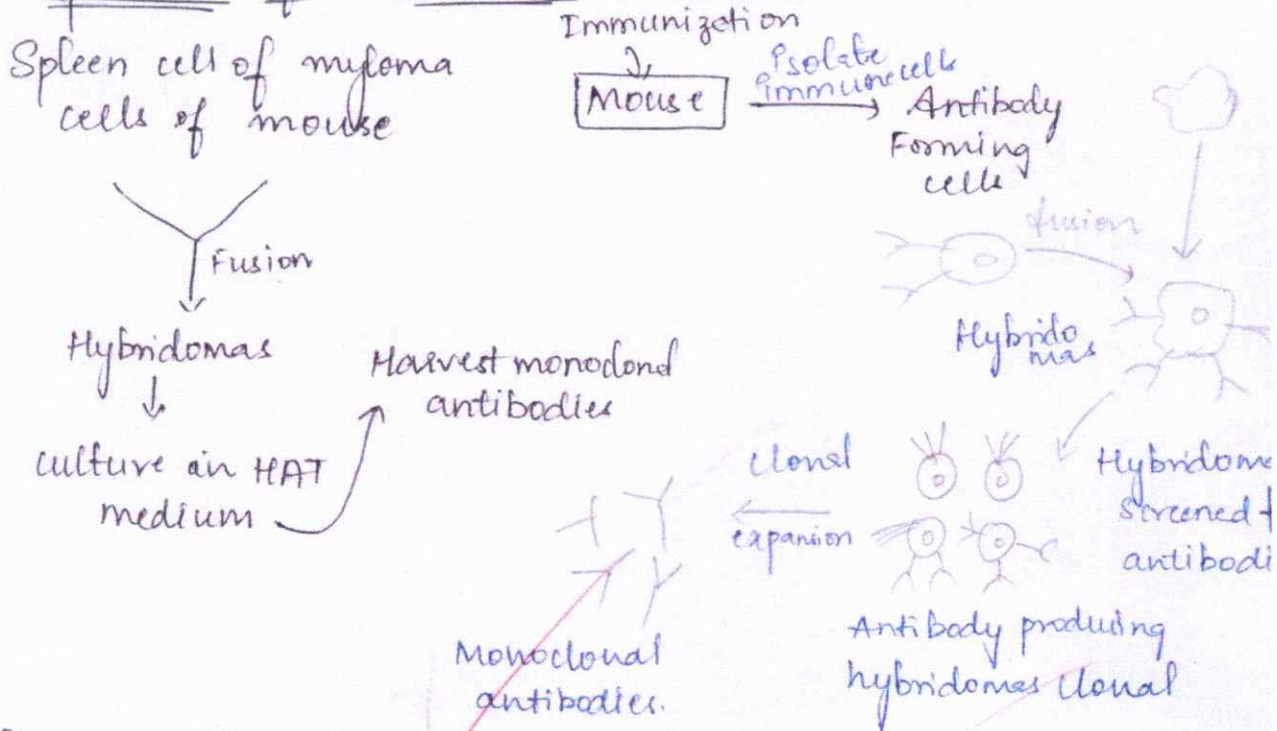


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fusion process.

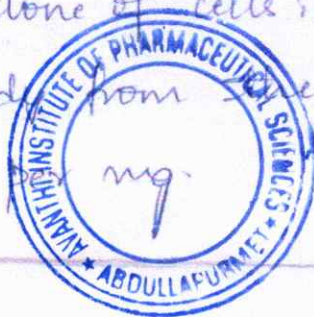
• It is possibility of generating immunogenicity.

### Preparation of Monoclonal Antibodies:



### Practical steps for Production:

- ① Immunize animal
- ② Isolate spleen cells (containing antibody-producing B cells)
- ③ Fuse spleen cells with myeloma cells (using PEG)
- ④ Allow unfused B cells to die.
- ⑤ Add aminopterin to culture & kill unfused myeloma cells.
- ⑥ Close remaining cells.
- ⑦ Screen supernatant of each clone for presence of desired antibody.
- ⑧ Grow chosen clone of cells in tissue culture identification
- ⑨ Harvest antibody from culture
- ⑩ \$ 1000 - 2000 mg.



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## Characteristic of Monoclonal Antibodies :-

- ① Physicochemical characterisation
- ② Immunological properties
- ③ Biological activity
- ④ Purity, Impurity & contaminants
- ⑤ Quality.

### ① Physicochemical characterisation :-

- A physicochemical characterisation program will generally include a determination of the class, subclass, light chain composition and primary structure of monoclonal antibody.
- The class (or) subclass of an antibody is defined by its heavy chain. There are 5 main classes of antibodies M, G, A, E & D.
- The method of antibody purification will differ based on the class.
- The amino acid sequence should be derived from DNA sequencing and confirmed experimentally by appropriate methods.
- The variability of N & C-terminal amino acid sequence analysed.

### ② Immunological Properties :-

- Binding assays of the antibody to purified antigens & defined regions of antigens should be performed where feasible to determine affinity & immunoreactivity.



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→ unintentional reactivity / cytotoxicity for human tissues distinct from the intended target should be documented.

→ The epitope and molecule bearing the relevant epitope should be defined. This should include a biochemical identification of these structure and relevant characterisation studies to extent possible.

### ③ Biological Activity :-

→ The biological activity should be assessed by appropriate *in vitro* assay.

→ where *in vitro* assays are necessary, the use of such assays should be thoroughly justified.

→ The mechanism of action and the importance of the product effector functions with regards to safety and efficacy of the product.

### ④ Purity, Impurity & Contaminants :-

→ These methods generally include the determination of physicochemical properties such as molecular weight (or) size spectroscopic studies.

→ Potential process related impurities should be identified & evaluated qualitatively & quantitatively using chromatographic techniques.

→ Contaminants which include all adventitious, introduced materials not intended to be part of the manufacturing process should be strictly avoided & suitably controlled.



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## Targeted Drugs to Antigens:

- Targeted drugs specifically target the cancer cells by altering the immune system to eliminate cancer cells.
- Targeted therapy is a type of cancer treatment that ~~was~~ ~~drug~~ ~~developed~~ uses drug designed to target cancer cells without affecting normal cells.
- Target drugs are special drugs that have been designed to drug and attack cells that have a particular type of CD antigens.
- An antigen is a foreign substance that enters your body. This can include bacteria, virus, fungi, allergens & other toxins.
- Targeted drugs often work by blocking cancer cells from copying themselves. This means they can help stop a cancer cell from dividing and making a new cancer cell.

## Targeted therapy :-

- Targeted therapy is a type of cancer treatment that uses other substances to precisely identify and attack certain types of cancer cells.
- A targeted therapy can be used by itself in combination with other treatments, such as traditional standard chemotherapy, surgery (or) radiation therapy.
- Targeted therapies are made to find ~~out~~ and attack specific areas or substances of cancer cells, or can detect and block certain ~~types~~ of messages inside a ~~cancer~~ cell.





The action of targeted drugs can work to :-  
Turn off chemical signals that cause cells to grow & divide change proteins within the cancer cells so the cells do not stop making new blood vessels to feed the cancer cells. Trigger your immune system to kill the cancer cells.

### Types of Targeted therapy :-

- ① Angiogenesis inhibitors :- These block the formation of new blood vessels that feed & nourish the cancer cells.  
Eg: Bevacizumab
- ② Monoclonal antibodies :- These might deliver molecules by themselves (or) molecules with drugs into cancer cell to kill it.  
Eg: Herceptin
- ③ Proteasome inhibitors :- These disrupt normal cell function so the cancer cells die. Eg: Bortezomib
- ④ Signal transduction inhibitors :- These disrupt cell signals so that they change the actions of the cancer cell.  
Eg: Imatinib

### Carcinogenicity :-

Carcinogenicity studies are generally conducted to

→ Identify a tumorigenic potential of the drug in animals & to assess the relevant risk in humans.

→ Carcinogenesis is a complex process and no single experimental approach can be expected to predict accurately the carcinogenic potential of a chemical in humans.



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→ The basic scheme comprises one long term rodent carcinogenicity study plus one other long or short which provides additional information that is available from the first long term study.

### M-O-A:

Initiation  
Genotoxic  
carcinogens

Promoting  
carcinogens

↓  
cell proliferation →

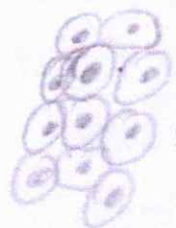


Promotion

Additional genotoxic  
& promoting  
carcinogens

↓  
Genomic  
instability  
& ↑ cell  
proliferation

Progression



Cancer

### Oxidative stress in Carcinogenesis

→ ROS can be produced from the endogenous & exogenous sources.

→ Attack both purine & pyrimidine bases, as well as the deoxyribose back bone.

→ Includes DNA damage which includes single (or) double strand breakage, deoxyribose modification and DNA cross links.

→ If DNA damage is not properly repaired it may result in mutation which leads to cancer.

### Regulatory Background OECD guidelines:-

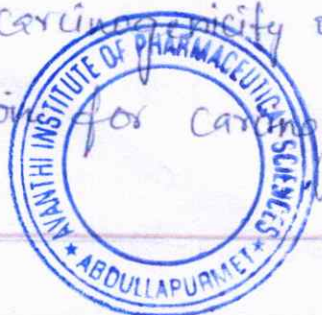
→ 451 - Carcinogenicity studies.

→ 453 - combined chronic toxicity.

→ S1A - Guidelines on need for carcinogenicity

→ S1B - Testing for carcinogenicity of pharmaceuticals

→ S1C - Dose selection for carcinogenicity.



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## Mutagenicity :-

- Refers to induction of permanent changes in the information content of genetic material.
- Mutation is replacement of nitrogen base with another in one (or) both the strands (or) addition (or) deletion of a base pair in a DNA molecule.
- Substance which can induce mutations are collectively known as mutagen.

## Classes of Mutation :-

- ① Spontaneous mutation :- They are mainly caused during DNA replication (or) by incorporation of incorrect nucleotide in the growing DNA chain. They occur by changes in DNA sequence.
- ② Induced mutations :- They are caused by changes in DNA brought by some environment factors called mutagen.  
Ex: - U.V light.

## Types of mutations

- ① Chromosome mutation :- changing the structure of a chromosome loss (or) gain of part of a chromosome.

## Five types exist

- \* Deletion :- Due to breakage a piece of chromosome is lost.
- \* Inversion :- chromosome segment breaks off & reattaches.
- \* Translocation :- occurs when a gene sequence is repeated.
- \* Duplication :- Involves two chromosome that are not homologous part of one is transferred to another chromosome.



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\* Nondisjunction :- Failure of chromosomes of separate meiosis

### Mutagenicity methods

- 1) Micronuclei test                      3) Comet assay  
2) Dominant lethal assay

1) Micronuclei test :- In vitro micronucleus assay is a mutagenic test system for the detection of chemicals which include the formation of small membrane bound DNA fragments.

→ These micronuclei may originate from acentric fragments (or) whole chromosomes which are unable to migrate with the rest of the chromosomes during the anaphase of cell division.

→ Micronuclei arise from chromosomal fragments that are not incorporated into daughter cell nuclei at mitosis because they are pulled to appropriate pole of the spindle.

2) Dominant lethal Assay :-

→ Indicate that genetic damage has occurred in the form of structural (or) numerical chromosome aberrations.

### Major Applications :-

- ① Diagnostic analysis
- ② Biochemical analysis
- ③ Diagnostic imaging
- ④ Therapeutic applications :-

- a) Direct use of MABs as therapeutic agents
- b) MABs as targeting agents
- c) Protein purification



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### a) Biochemical Analysis

→ Routinely used in radioimmuno assay (RIA) and ELISA in laboratories.

→ These assays measure the circulating concentrations of hormones and several other tissues and cell products.

Eg:- Pregnancy by detecting urinary levels of human chorionic, hormonal disorders analysis of thyroxine, triiodothyroxine, cancers estimation.

### b) Diagnostic Imaging:-

→ Radilabelled-Mabs are used in diagnostic imaging of diseases and this technique is referred to as immunoscintigraphy. The radio isotopes commonly used for labelling Mab are iodine-131 and technetium-99. The MAB tagged with radio isotopes are injected intravenously into the patients.

- Myocardial infarction, DVT, atherosclerosis, etc.

### Direct use of MABs as therapeutic agents:-

→ In destroying disease causing organisms:- MABs promotes efficient ~~spo~~ sponization of pathogenic organisms & enhance phagocytosis.

In the immunosuppression of organ transplantation:- In the normal medical practice, immunosuppressive drugs such as cyclosporin and prednisone are administered to overcome the rejection of organ transplantation, T-lymphocyte surface antigens were used.



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In the treatment of Cancer:- MABs against the antigens on the surface of cancer cells are useful for the treatment of cancer. The antibodies bind to cancer cells and destroy them via different pathway.

In the treatment of AIDS:- Genetic engineers have been successful to attach Fc portion of mouse monoclonal antibody to human CD4 molecule. This complex has high affinity to bind to membrane glycoprotein gp120 of virus infected cells. The Fc fragment includes cell-mediated destruction of HIV cells.

In dissolution of blood clots:- Fibrin is the major constituent of blood clot which gets dissolved by plasmin.

- Plasmin in turn is formed by the activation of plasminogen by plasminogen activator.
- Tissue plasminogen activator can be used as a therapeutic agent to remove the blood clots.

Protein purification:-

- Monoclonal antibodies can be produced for any protein. And the so produced MAB can be conveniently used for the purification of protein against which it was raised.
- Mabs columns can be prepared by coupling them to cyanogenbromide activated sepharose.
- There are certain advantages of using MABs for protein purification. These include specificity of MABs to bind the desired protein, very efficient elution from the chromatographic column and high degree of purification.



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## Methodology:-

- Male mice (♂) rats are treated with test agent.
- Males mated with groups of untreated females.
- Females are killed 14-days after mating, dissected and scored for cornea lutea, early fatal deaths & total implantations.

## Applications:-

- Genetic toxicology *in vivo* & *in vitro* evaluation of genotoxic chemicals.
- DNA damage: SSBs, DNA crosslinking, alkali labile sites.
- DNA repair: strand break repair, excision repair.
- Ecotoxicology: The assay has been used to monitor soil & aquatic toxicology.
- Nutrition
- Environmental biomonitoring, Evaluation of genotoxic pollutants hazardous waste sites.
- Hypoxia assessment.



  
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B.Pharm III- Year I-Sem Internal lab Exam-June-2023

Subject : PHARMACOLOGY-III

Date: 30-06-2023

Time: 1 hr

Marks: 10

### I. SYNOPSIS :

1. Write the classification of malignancy drugs ?

### II. MAJOR EXPERIMENT


Study of antiulcer activity of a drug using pylorus ligand rat model and NSAIDS induced ulcer modal

### III. MINOR EXPERIMENT

Determine hypoglycaemic effect of Insulin on rabbit.

### IV. VIVA & RECORD



  
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Gunthapally (V), Abdullapurmet (M), R.R. Dist

B.Pharm III- Year I-Sem Internal lab Exam-June-2023

**Subject : PHARMACOLOGY-III**

**Marks: 25**

### III B.Pharm II Semester Lab Internal Examinations

#### R17 Scheme of Evaluation

S.NO	EVALUTION PROCESS	MARKS
1	Internal Lab Exam	10 M
2	Day Today Work	5 M
3	Record	5 M
4	Viva	5 M

*P. Nagaraju*  
**EXAM BRANCH**

**EXAM BRANCH**

Avanathi Institute of Pharmaceutical Sciences  
Gunthapally (V), Abdullapurmet (M),  
Ranga Reddy Dist-501512.



*[Signature]*  
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- PRINCIPAL

Avanathi's Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
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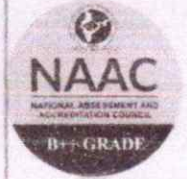




# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by AICTE, Recognised by Govt. of T.S. & Affiliated to JNTU, Hyderabad)

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



## INTERNAL DISCRIPTIVE EXAM



NAME: Kalumpudi Deega Sri Veda

DATE: 30/6/23

ROLL No.: 20GN1R0026

Subject: pharmacology - III / lab internal

CLASS: B. pharmacy II year SEM. 3-2

SIGNATURE OF THE INVIGILATOR'S: [Signature]

SIGNATURE OF THE STUDENT: Deega Sri Veda

TOTAL MARKS

24

I Myopia:

5+8+6+5

D Write the classification of Malignancy drugs 5M

II Major experiment:

D Study of antiulcer activity of a drug using pyrolytic ligand Rat Model and NSAIDs induced ulcer Model (9M)

III Minor experiment: (6M)

Insulin Hypoglycemic effect in Rabbit

IV viva and Record - (5M)

I Synopsis:

classification of Malignancy drugs (or) Anticancer drugs

I cytotoxic drugs

Alkylating agents



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(i) Nitrogen Mustard: chlorambucil, Bendamustine  
Mechlor ethanamine, cyclosporine, Ifosfamide,  
Melfalan

(ii) Alkyl sulfonate: Busulfan

(i) Triazines: Temozolamide, procarbazine,  
Dacarbazine

(v) Methyl Hydrazine: procarbazine

(b) Anti Metabolites:

(i) Purine Antagonist: 6-Mercaptopurine,  
6-Thioguanide.

(ii) Folate Antagonist: pemetrexed,  
Methotrexate

(iii) Pyrimidine Antagonist: 5-fluorouracil,  
doxyfluridine, Cytarabine, gemcitabine,  
capecitabine

(iv) Platinum<sup>m</sup> co-ordination complex:  
cisplatin, oxaliplatin, carboplatin

(ii) Cytotoxic drugs II:

a) Microtubule damaging agents:

(i) Taxanes: paclitaxel, docetaxel,

(ii) Vinca alkaloids: vincristine, vinblastine,  
vinorelbine

b) Other Miscellaneous drugs:



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- c) Topoisomerase - 1 Inhibitors: Irinotecan, Topotecan
- d) Topoisomerase - 2 Inhibitors: Etoposide, Teniposide
- e) Miscellaneous drugs: Rubidomycin, Mitoxantrone  
Valarubicin, Doxorubicin, bleomycin,  
Idarubicin, Actinomycin-D

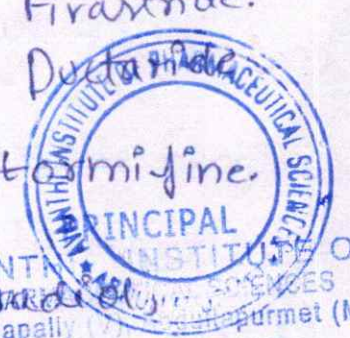
### III Targeted drugs:

- i) BCR-ABL - tyrosine kinase Inhibitors:  
Imatinib, Dasatinib, ~~Nilotinib~~ <sup>nilotinib</sup>
- ii) EGF(HER) receptor Inhibitors: gefitinib, Erlotinib  
Lapatinib, cetuximab, trastuzumab
- iii) Angiogenesis Inhibitors: Bevacizumab,  
Sunitinib, sorafenib
- iv) Protease Inhibitors: Bortezomib
- v) CD20 Inhibitors: Rituximab.

### IV Hormonal Drugs

- a) ~~prednisolone~~ glucocorticoids: prednisolone
- b) Aromatase Inhibitors: Letrozole, exemestane,  
Anastrozole  
Farastide.
- c) 5 $\alpha$ -Reductase Inhibitors: Dutasteride
- d) Antiandrogens, Testosterone: Enzalamide, Toremifene.
- e) Estrogens: Ethyl estradiol, Estrone  
Fosfesterol.

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- f) SERM Down Regulators: Tuberant
- g) Anti androgens: flutamide, Bicalutamide
- h) GnRH Analogues: Nafarelin  
Leuproreline
- i) Progestins: Hydroxy Progesterone Acetate

II Experiment: Antiulcer activity of drug

A: Aim: to study antiulcer activity of drug using Pylorus ligand rat Model and NSAID induced ulcer model.

Requirements:

Animals: Rat

chemical requirements: cimetidine, NaOH, buffers

equipments: dissecting plate, Microscope 10x Magnification, pH factor, Burette, surgical equipment.

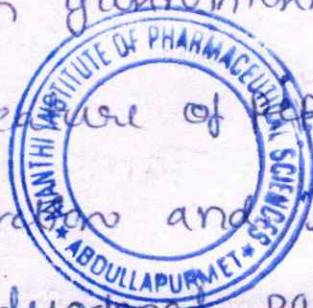
Principle:

Peptic ulcer constitute a major disease that affect human gastrointestinal tract. The

Common clinical feature of peptic ulcer all

the hyperacid secretion and ulcer formation

in stomach and duodenal part of intestine.



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Acute gastric ulcer can be produced by in laboratory animals and substances such as alcohol, aspirin, indomethacin or by surgical manipulation like pyloric ligation or by subjecting the animal to acute stressful condition. The most commonly use technique is the pyloric ligation induced acid secretion and ulcer formation.

The procedure is simple and produces reliable number of gastric ulcer. Drugs like  $H_2$  histamine antagonist, (cimetidine) inhibits the pyloric ligation induced pyloric ulcer.

Calculations:

group selected	MOUSE NO:1 (ulcer count)	MOUSE NO:2 (ulcer count)	MOUSE NO:3 (ulcer count)	Average
Vehicle tested	2.7	2.5	2.3	2.5
Omepazole treated	0.24	0.29	0.26	0.263333

Average of vehicle treated  $\rightarrow$  2.5 ulcers

Average of drug treated  $\rightarrow$  0.26 ulcers



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Average of vehicle treated  $\rightarrow$  2.5 ulcers

Average of drug treated  $\rightarrow$  0.26 ulcers

Report:

- Anti-ulcer activity of drug using pylorus ligated rabbit model and NSAIDs induced ulcer model was performed and submitted.

$\rightarrow$  Higher no of ulcer count in vehicle treated group than drug treated and ~~and~~ Reflex the anti-ulcer activity of drug [cimetidine]

III

Minor Experiment

IA

Aim: Insulin Hypoglycemic Effect in Rat

Aim: to study hypoglycemic

Animals:

Requirements: Healthy rabbit weighing 1800-3000 g

Drugs: 20 units of insulin preparation.  
one unit contains 0.04082 mg of insulin

Reagent: Normal saline, HCl, 0.5% phenol,  
1.4-1.8% of glycerine

Principle:

Insulin is a peptide hormone produced by the  $\beta$ -cells of pancreas in response to high glucose levels



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Released insulin acts on insulin receptors on body cells and activates glucose transporters to absorb more glucose into the cells, there by regulates carbohydrates, proteins and fat metabolism in body cells.

### Procedure:

- select healthy rabbits weighing 1000-3000g for the study of activity. They should be maintained in uniform diet for 7 days.
- Fast the animals for 18 hours with no access to water before starting the procedure
- select these animals for the study and inject 1 unit/ml of insulin
- prepare drug solution freshly, weigh 20 units of insulin accurately and dissolve it in normal saline. Acidify the solution by using HCl to pH 2.5 ~~add~~ <sup>add</sup> of 0.5% of phenol as preservative and 1.4 to 1.8% of glycerine and make the final volume to 20 units/ml of solution
- withdraw 2ml of blood from marginal ear vein of each Rabbit. Estimate the blood glucose level by using reliable biochemical method and the concentration of glucose can be noted down as initial blood glucose level.



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- Then inject the Insulin (1 unit/ml) to animals and check the blood sugar level up to 5 hours of interval of 1 hour each and determine the blood glucose level and compare both initial and final amount of blood glucose level.

### Report:

Effect of insulin (or) the hypoglycemic effect of insulin in Rabbit was studied and submitted.



  
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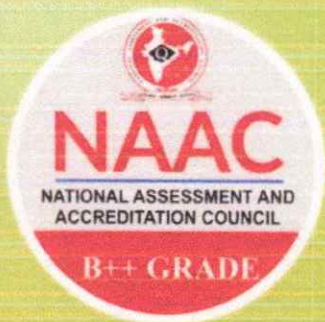
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Gunthapally (V), Abdullapurmet (M), Near Ramoji Filmcity, R.R. Dist. 501512

Ph : 08415-272099, 08415-272055 website- [www.aipsg.ac.in](http://www.aipsg.ac.in)



### LABORATORY RECORD

Name : \_\_\_\_\_

Branch : \_\_\_\_\_ Regd. No. : \_\_\_\_\_

Year : \_\_\_\_\_ Semester : \_\_\_\_\_

Lab : \_\_\_\_\_



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### Certificate

This is To Certify that Mrs./Ms. V. Sangeetha

With Roll No. 196NIR0059 ..... Studying B.Pharm/M.Pharm/Pharm-D(I,II,III,IV,V,VI)

has Completed the Prescribed Experiments in, pharmacy practice

..... Laboratory Satisfactorily and

Submitted the Laboratory Record during the Academic Year 2022 - 2023

*[Handwritten Signature]*  
7/1/23

Signature of the Lab. In-charge

*[Handwritten Signature]*

Signature of the Principal  
PRINCIPAL

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Santhapally (V), Abdullapurmet (Mnd), R.R. Dist.

Date of the Submission



*[Handwritten Signature]*

*[Handwritten Signature]*

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# INDEX

Exp. No.	Name of the Experiment	Date		Page No.	Grade Awarded (A/B/C)	Remarks
		Performed	Submitted			
1	Industry oriented practice School.	30-9-22	14/10/22	1-6	AT	} Y. Kang 5/11/22
2	Case presentation on GIT	21/10/2022	28/10/22	7-9	AT	
3	case presentation on cardiology	28.10.22	4.11.22	10-13	A	
4	case presentation on Diabetis	4.11.22	11.11.22	14-17	AT+	
5	Retail pharmacy-oriented practice school	11.11.2022	19.11.22	18-24	AT	
6	Election of medicinal plants orientated practice school	19.11.22	26.11.22		AT+	
	Tulsi ✓			25-26		} Y. Kang 16/11/2022
	Neem			27		
	Aloe ✓			28		
	Henna ✓			29		
	Hibiscus ✓			30-31		



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## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

Gunthapally (V), Hayathnagar (M) R. R. Dist.

B.Pharmacy IV-I SEM(ACADEMIC YEAR-2022-2023)

### CONSOLIDATED INTERNAL MARKS STATEMENT

SUBJECT : INDUSTRIAL PHARMACY-II

SUBJECT CODE: 247AB

S.NO	H.T. NO	STUDENT NAME	I MID				II MID				Average	LAB	
			Obj	Sub	Assign	Total	Obj	Sub	Assai	Total		Internal	External
1	20GN1R0001	ADEPU RAMAKRISHNA	6	7	5	18	7	8	5	20	19	20	68
2	20GN1R0002	AMBEERI SATHWIKA	7	8	5	20	7	9	5	21	21	21	72
3	20GN1R0003	ASHWALA SRINIDHI	6	9	5	20	10	7	5	22	21	21	70
4	20GN1R0004	ADEEBA AFREEN	6	8	5	19	7	7	5	19	19	21	71
5	20GN1R0005	B SHRUTHI	7	10	5	22	9	9	5	23	23	23	73
6	20GN1R0006	BADDAM MANOGNA	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
7	20GN1R0007	BANDARU MADHAVI	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
8	20GN1R0008	BHUKYA SANTHOSH	6	7	5	18	6	6	5	17	18	20	68
9	20GN1R0009	BIRUDOJU LAXMI PRASANNA	7	10	5	22	9	9	5	23	23	24	74
10	20GN1R0010	BODIGE HARIKA	7	10	5	22	9	8	5	22	22	23	70





11	20GN1R0011	CHIDRALA PRAGNA	7	7	5	19	9	6	5	20	21	23	70
12	20GN1R0012	CHILUMULA ABHINAY	7	6	5	18	6	8	5	19	19	20	67
13	20GN1R0013	CHINCHILAPU PAVANI	7	10	5	22	8	9	5	22	22	21	71
14	20GN1R0014	CHOPPARI VAMSHI	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
15	20GN1R0015	D SWAPNA	7	7	5	19	6	7	5	18	19	21	70
16	20GN1R0016	DHARAMSOTH VENKATESH NAYAK	8	6	5	19	8	8	5	21	20	22	71
17	20GN1R0017	DUBBA NAGESWARAMMA	9	6	5	20	9	7	5	21	21	21	71
18	20GN1R0018	GANJI NARMADA	10	8	5	23	10	9	5	24	24	24	74
19	20GN1R0019	GOLE AJITH SAI	7	7	5	19	6	8	5	19	19	19	69
20	20GN1R0020	GUDIPATI SWATHI	8	8	5	21	10	9	5	24	23	21	69
21	20GN1R0021	GUNI PALLAVI	9	7	5	21	8	8	5	21	21	21	72
22	20GN1R0022	GURRAM PRIYANKA	8	8	5	21	9	9	5	23	22	23	74
23	20GN1R0023	JATAVATH RAJESWARI	7	6	5	18	10	9	5	24	21	24	69
24	20GN1R0024	JATAVATH SWETHA	8	9	5	22	9	10	5	24	23	24	74
25	20GN1R0025	KALIKINI PRATHYUSHA	8	6	5	19	10	9	5	24	22	24	70
26	20GN1R0026	KALUMADI DURGA SRI VEDA	8	9	5	22	9	10	5	24	23	24	74
27	20GN1R0027	KATTEBOINA JAYA PRASANNA	9	7	5	21	9	7	5	21	21	21	70
28	20GN1R0028	KHUSHI POL	7	9	5	21	9	9	5	23	22	23	70
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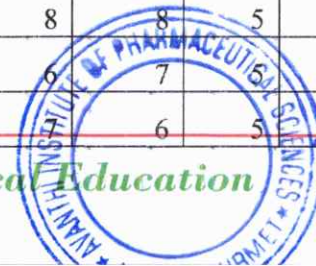
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32	20GN1R0032	MALLEPULA SRIVAN	6	7	5	18	6	8	5	19	19	19	66
33	20GN1R0033	MALOTHU PAVAN KALYAN	7	6	5	18	8	6	5	19	19	19	69
34	20GN1R0034	MOHAMMED MUJEEB UR RAHMAN	6	7	5	18	6	8	5	19	19	19	67
35	20GN1R0035	MOTE DEEPTHI	8	6	5	19	7	8	5	20	20	20	70
36	20GN1R0036	MUTHYALA GREESHMA	7	8	5	20	8	10	5	23	22	23	73
37	20GN1R0037	NAKKA NAVYA	6	8	5	19	8	7	5	20	20	20	72
38	20GN1R0038	NARLA SRICHAITRA	5	7	5	17	5	9	5	19	18	19	70
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42	20GN1R0042	P NIHARIKA	8	9	5	22	10	8	5	23	23	23	71
43	20GN1R0043	P TEJASREE	7	9	5	21	9	9	5	23	22	23	70
44	20GN1R0044	PARMATI TEJAVASU	8	7	5	20	7	8	5	20	20	20	66
45	20GN1R0045	POLAM ARUNA	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
46	20GN1R0047	PRAVEEN KUMAR M	7	8	5	20	8	9	5	22	21	22	70
47	20GN1R0048	SARILLA HEPHZIBAH	8	9	5	22	8	7	5	20	21	23	68
48	20GN1R0049	SHANAGONDA SAI KIRAN	7	6	5	18	10	8	5	23	21	21	69
49	20GN1R0050	SINDHUJA THALLAPELLI	6	8	5	19	8	9	5	22	21	20	68
50	20GN1R0051	SRINANCHARI SAMATHA	10	6	5	21	10	9	5	24	23	23	71
51	20GN1R0052	SUMAIYA FATIMA	6	8	5	19	9	10	5	24	22	23	73







52	20GN1R0053	SWETHA KUMARI	8	7	5	20	9	8	5	22	21	22	70
53	20GN1R0054	TALARI SAI PRIYANKA	6	8	5	19	9	7	5	21	20	22	68
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56	20GN1R0057	YEDE SIDDHARTHA	7	7	5	19	9	8	5	22	21	23	70
57	20GN1R0058	YEDLA SAMPATH KUMAR	6	8	5	19	8	9	5	22	21	23	70
58	20GN1R0059	BAIKADI VYSHNAVI	8	6	5	19	7	8	5	20	20	21	68
59	20GN1R0060	BIJJA SRAVANTHI	6	8	5	19	7	7	5	19	19	22	69
60	20GN1R0061	BOBBA SURYA CHANDRIKA	7	8	5	20	10	7	5	22	21	23	66
61	20GN1R0062	CHAKALI VENKATESH	7	7	5	19	6	7	5	18	19	23	66
62	20GN1R0063	JINNA HARIKA	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
63	20GN1R0064	KOTHWAL SRIVALLI	7	7	5	19	8	9	5	22	21	22	69
64	20GN1R0065	MOTKUPALLI SWATHI	8	8	5	21	8	8	5	21	21	22	69
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67	20GN1R0068	THUMMALAPALLY HEMA	7	8	5	20	8	6	5	19	20	22	68
68	20GN1R0069	U HARITHA	9	8	5	22	6	8	5	19	21	22	70
69	20GN1R0070	VELPULA AKLESH	6	6	5	17	8	6	5	19	18	22	69
70	20GN1R0071	AGULWAR SHRADHA MADUKAR	8	8	5	21	8	8	5	21	21	22	68
71	20GN1R0072	AADIL REZA	5	6	5	16	6	7	5	18	17	20	68
72	20GN1R0073	ANAGANTI SAIRAHUL	6	5	5	16	6	6	5	18	17	20	67








73	20GN1R0074	BANDI NAVEEN	5	6	6	16	6	7	5	18	17	20	67
74	20GN1R0075	BASWA ASHRITHA	7	10	5	22	8	7	5	20	21	23	71
75	20GN1R0076	BOMMINI RAGHAVENDRA	5	6	5	16	6	8	5	19	18	20	65
76	20GN1R0077	BOYAPALLY SANTHOSH	7	5	5	17	7	6	5	18	18	23	70
77	20GN1R0078	CHENDI NIKHIL REDDY	9	6	5	20	6	8	5	19	20	22	70
78	20GN1R0079	CHUKKA SAI PRIYA	8	9	5	22	10	7	5	22	22	22	71
79	20GN1R0080	DASARI TEJASWINI	6	7	5	18	6	8	5	19	19	22	67
80	20GN1R0081	DONDA JASWANTH REDDY	7	7	5	19	8	6	5	19	19	21	66
81	20GN1R0082	GUGULOTH RAJESH	5	6	5	16	8	7	5	20	18	21	69
82	20GN1R0083	GUTHI AKHILA	6	7	5	18	6	8	5	19	19	22	71
83	20GN1R0084	JAJULA SHIVA PRASAD	7	6	5	18	8	6	5	19	19	22	70
84	20GN1R0085	KALMI PRIYANKA	6	8	5	19	8	7	5	20	20	22	69
85	20GN1R0086	KUDENTHA AKHIL	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
86	20GN1R0087	MD SARFARAZ ALAM	5	6	5	16	5	8	5	18	17	20	67
87	20GN1R0088	MITTA PRAVALIKA	9	7	5	21	8	6	5	19	19	22	71
88	20GN1R0089	MUNTASHIR ALAM	5	8	5	18	6	8	5	19	19	20	67
89	20GN1R0090	N YATHISH	6	5	5	16	7	6	5	18	17	20	65
90	20GN1R0091	NANDYALA SWETHA	6	6	5	17	7	8	5	20	19	22	72
91	20GN1R0092	PALEM PARAMESH	6	7	5	18	8	6	5	19	21	22	69
92	20GN1R0093	PANAGANTI PRASHANTH CHARY	7	6	5	18	8	5	5	19	19	21	67
93	20GN1R0094	POKALKAR SAMPATH KUMAR	7	9	5	21	8	6	5	19	20	22	68





94	20GN1R0095	S D ALI	9	7	5	21	8	9	5	22	22	23	73
95	20GN1R0096	SHEIK ABDUL KHAYEM	6	7	5	18	7	8	5	20	19	20	68
96	20GN1R0097	THIGULLA MANASA	7	6	5	18	8	7	5	20	19	21	69
97	20GN1R0098	UPPARA RAKESH	7	7	5	19	8	6	5	19	19	20	68
98	20GN1R0099	VEERAMALLA JITHENDRA PRASAD	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
99	20GN1R00A0	YEMOLLA MAHESH	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab



  
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HYDERABAD-500085**

AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES(GN)  
B.Pharmacy - R17 - III Year - II Semester  
B.Pharmacy

University Mid-1 Internal Marks Report-Date- 2023-07-08 14.37.57


HTNO	246AA	246AB	246AC	246AD	246AF
20GN1R0001	15	16	15	20	16
20GN1R0002	21	21	24	22	21
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20GN1R0011	21	20	23	22	20
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20GN1R0031	22	21	20	21	21
20GN1R0032	15	16	15	19	16
20GN1R0033	15	16	15	18	15
20GN1R0034	15	16	15	20	16



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R.R. Dist. Telangana.

HTNO	246AA	246AB	246AC	246AD	246AF
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20GN1R0036	22	22	24	23	22
20GN1R0037	20	19	21	23	21
20GN1R0038	20	16	22	22	20
20GN1R0039	20	14	22	21	19
20GN1R0040	21	20	23	22	20
20GN1R0041	20	19	21	22	21
20GN1R0042	23	21	23	23	23
20GN1R0043	22	21	24	22	23
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20GN1R0047	19	18	21	22	19
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20GN1R0049	19	19	23	20	20
20GN1R0050	23	20	24	22	23
20GN1R0051	23	21	23	23	23
20GN1R0052	23	20	20	23	21
20GN1R0053	22	17	22	22	23
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20GN1R0056	20	20	22	21	20
20GN1R0057	19	15	23	22	23
20GN1R0058	20	18	20	20	22
20GN1R0059	22	18	24	21	22
20GN1R0060	17	15	17	20	19
20GN1R0061	23	19	23	21	22
20GN1R0062	21	15	16	20	22
20GN1R0064	20	21	23	21	21
20GN1R0065	21	16	23	21	21
20GN1R0066	24	22	23	23	24
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20GN1R0068	23	19	22	20	19
20GN1R0069	22	19	23	21	21
20GN1R0070	21	14	23	21	22
20GN1R0071	21	15	23	22	21
20GN1R0072	15	16	17	19	15
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20GN1R0075	23	19	22	21	21
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20GN1R0077	19	17	16	23	20
20GN1R0078	16	15	20	23	21
20GN1R0079	23	20	22	22	24
20GN1R0080	15	14	15	22	15
20GN1R0081	20	14	19	20	21
20GN1R0082	21	17	16	20	22



  
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HTNO	246AA	246AB	246AC	246AD	246AF
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20GN1R0084	20	16	19	21	19
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20GN1R0087	15	16	17	19	16
20GN1R0088	15	16	14	14	15
20GN1R0089	15	16	18	19	16
20GN1R0090	16	14	12	18	21
20GN1R0091	20	20	17	20	20
20GN1R0092	20	18	17	19	21
20GN1R0093	15	16	15	20	16
20GN1R0094	15	15	15	19	16
20GN1R0095	20	18	20	22	21
20GN1R0096	15	14	14	14	15
20GN1R0097	16	17	20	22	20
20GN1R0098	17	16	19	20	21
20GN1R0099	15	14	14	14	15
20GN1R00A0	16	15	16	20	19

Note : '-1' Indicates Student is Absent for the exam.

Subject Code	Subject Name
246AF	PHARMACEUTICAL BIOTECHNOLOGY
246AB	PHARMACOLOGY III
246AA	MEDICINAL CHEMISTRY III
246AD	BIOPHARMACEUTICS AND PHARMACOKINETICS
246AC	HERBAL DRUG TECHNOLOGY

Signature Of Principal with Date & Office seal



*[Handwritten Signature]*  
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**PHARMACEUTICAL SCIENCES**  
 Gunthapally (V), Arduddalurmet (M)  
 P. O. Diya, Tal. Pondicherry.



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HYDERABAD-500085**

**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES(GN)  
B.Pharmacy - R17 - III Year - II Semester  
B.Pharmacy**

Final University Consolidated Internal Marks Report-Date- 2023-07-08 17.55.22

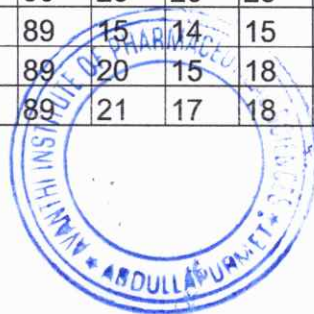
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20GN1R0002	23	22	24	91	22	22	23	22	22
20GN1R0003	23	22	23	90	22	21	24	23	23
20GN1R0004	23	21	21	90	22	19	23	23	21
20GN1R0005	24	24	23	93	24	23	23	23	23
20GN1R0008	22	18	19	87	19	17	19	20	17
20GN1R0009	23	22	24	89	23	22	23	23	23
20GN1R0010	24	23	22	92	23	22	23	23	24
20GN1R0011	23	21	23	89	22	20	23	22	21
20GN1R0012	21	18	19	89	18	17	21	19	19
20GN1R0013	23	23	22	89	22	22	24	21	23
20GN1R0014	21	18	19	89	18	17	18	21	17
20GN1R0015	22	18	18	88	19	17	22	21	18
20GN1R0016	23	23	23	88	20	21	22	23	21
20GN1R0017	23	21	22	89	24	19	23	17	22
20GN1R0018	24	24	24	92	23	23	24	23	23
20GN1R0019	19	20	20	88	17	18	18	19	18
20GN1R0020	14	16	15	87	15	15	15	17	15
20GN1R0021	24	24	23	92	24	21	24	23	23
20GN1R0022	24	24	24	92	24	22	24	23	23
20GN1R0023	22	20	23	88	22	20	24	20	20
20GN1R0024	23	23	20	87	23	21	21	23	21
20GN1R0025	23	22	22	86	22	21	23	23	21
20GN1R0026	24	24	24	89	22	23	24	23	23
20GN1R0027	23	21	21	89	23	21	22	23	20
20GN1R0028	23	23	23	90	22	19	24	22	22
20GN1R0029	23	21	22	89	21	20	23	21	21
20GN1R0030	22	21	22	89	21	21	22	22	20
20GN1R0031	23	23	22	90	22	21	21	21	21
20GN1R0032	21	18	19	86	19	18	17	19	17
20GN1R0033	21	18	18	82	19	17	17	19	16
20GN1R0034	22	21	19	88	18	17	21	18	18




*[Handwritten Signature]*  
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Sinthapally (V), Adullapurmet (M),  
R. R. Dist. Telangana.



HNT0	24601	24602	24603	24604	246AA	246AB	246AC	246AD	246AF
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20GN1R0036	23	24	24	90	23	22	24	23	22
20GN1R0037	23	21	22	90	22	20	22	22	21
20GN1R0038	23	21	22	90	22	19	22	22	20
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20GN1R0042	23	24	24	89	23	22	23	23	24
20GN1R0043	23	23	23	89	23	22	24	23	23
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20GN1R0047	22	19	22	89	20	19	22	22	20
20GN1R0048	23	21	22	90	23	21	21	23	22
20GN1R0049	23	21	23	90	20	20	23	20	21
20GN1R0050	23	23	24	88	23	21	24	23	23
20GN1R0051	24	23	24	89	22	21	23	23	23
20GN1R0052	23	23	21	90	22	19	21	23	22
20GN1R0053	23	23	23	88	22	18	23	22	24
20GN1R0054	23	23	23	90	20	18	23	22	20
20GN1R0055	23	22	20	89	20	18	22	21	23
20GN1R0056	23	22	20	89	21	20	22	21	21
20GN1R0057	23	22	23	90	20	17	23	22	24
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20GN1R0064	23	23	23	89	21	20	23	22	22
20GN1R0065	23	22	22	88	21	17	21	21	22
20GN1R0066	24	24	24	89	24	23	24	23	24
20GN1R0067	22	20	20	85	19	15	18	20	20
20GN1R0068	14	16	14	89	20	17	18	17	18
20GN1R0069	23	23	22	89	23	18	22	21	22
20GN1R0070	24	23	20	90	21	15	22	22	22
20GN1R0071	23	21	20	89	21	17	22	22	22
20GN1R0072	22	19	18	89	18	17	16	19	17
20GN1R0073	22	20	19	89	19	15	15	19	20
20GN1R0074	22	19	19	89	17	15	17	20	19
20GN1R0075	22	14	20	90	22	19	21	21	22
20GN1R0076	22	20	19	89	17	16	17	21	19
20GN1R0077	23	23	22	88	20	17	18	22	21
20GN1R0078	23	20	22	89	16	17	21	21	22
20GN1R0079	23	22	22	90	23	20	23	23	24
20GN1R0080	14	16	16	89	15	14	15	18	15
20GN1R0081	22	20	21	89	20	15	18	20	22
20GN1R0082	22	20	20	89	21	17	18	20	22



  
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HNT0	24601	24602	24603	24604	246AA	246AB	246AC	246AD	246AF
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20GN1R0084	22	19	19	89	21	18	19	20	20
20GN1R0085	23	21	21	89	22	20	22	21	21
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20GN1R0093	22	19	18	88	16	16	18	20	17
20GN1R0094	21	16	16	89	15	15	15	17	18
20GN1R0095	24	18	20	89	22	20	20	22	19
20GN1R0096	14	14	14	89	15	14	14	14	15
20GN1R0097	23	21	20	89	19	18	21	21	21
20GN1R0098	22	20	20	89	18	16	20	21	22
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Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
246AF	PHARMACEUTICAL BIOTECHNOLOGY
24604	HUMAN VALUES AND PROFESSIONAL ETHICS
246AB	PHARMACOLOGY III
24601	MEDICINAL CHEMISTRY III LAB
246AA	MEDICINAL CHEMISTRY III
246AD	BIOPHARMACEUTICS AND PHARMACOKINETICS
24603	HERBAL DRUG TECHNOLOGY LAB
246AC	HERBAL DRUG TECHNOLOGY
24602	PHARMACOLOGY III LAB

Signature Of Principal with Date & Office seal



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 R.R. Dist. Telangana.





## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

Gunthapally (V), Hayathnagar (M) R. R. Dist.

B.Pharmacy IV-II SEM (2022-23)

PROJECT GUIDE ALLOTMENT

S.NO	Hall Ticket No	STUDENT NAME	Name of the Guide & Contact Number
1	A DHARMATEJA	19GN1R0001	RAJKUMAR
2	A VENKATESH	19GN1R0002	
3	ATHARI PAVANI	19GN1R0004	
4	B HARISH KUMAR	19GN1R0006	
5	BIRADAR BINDU	19GN1R0007	Dr.B.MANJULA
6	BOLLA SAI TEJA	19GN1R0008	
7	CHENNALA VAISHNAVI REDDY	19GN1R0010	
8	L.HARIKA	19GN1R0031	
9	CHINNA BEERA PRATHYUSHA	19GN1R0011	
10	K.KALYAN	19GN1R0027	
11	N.INDRAJA	19GN1R0039	G.SWAPNA
12	CHOWHAN SEETHA RAM	19GN1R0012	
13	D AAKARSHA	19GN1R0013	
14	D RAMYA SANJANI	19GN1R0014	
15	ERROJULA AVINASH	19GN1R0016	
16	GARLAPATI SRAVANI	19GN1R0018	P.LAVANYA
17	GURINDAPALLI SUPRIYA	19GN1R0020	
18	JADHAV RAMESH	19GN1R0021	
19	JOGA MADHU	19GN1R0022	
20	KAMITIKARI ARJUN	19GN1R0025	Dr.K.BALAJI
21	KANNA MADHU	19GN1R0026	
22	KURMA NAVYASRI	19GN1R0030	
23	P.NIKITHA	19GN1R0066	
24	I.SUPRIYA	19GN1R0084	
25	ABBANABOINA SRAVYA SRI	19GN1R0032	
26	V.UMADEVI	19GN1R0057	
27	N.RUCHA	19GN1R0040	P.PAVAN KUMAR
28	PALAKURI NIKHILA	19GN1R0042	
29	PANUGULLA SINDHU	19GN1R0043	
30	PATHURI PRANAY	19GN1R0044	
31	RIZWANA BEGUM	19GN1R0047	

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(Approved by PCI, AICTE & Affiliated to JNTUH)

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



32	SAPIDI SHIVANI	19GN1R0051	SANGEETHA
33	SHAIK KHAJABABA	19GN1R0052	
34	SURYAVANSHI PRIYA	19GN1R0054	
35	THAVITI ARCHANA	19GN1R0055	ANIL KUMAR
36	VENKANNAGARI SANGEETHA	19GN1R0059	
37	VINDAKOTI PRATHYUSHA	19GN1R0061	
38	YALA MADHU	19GN1R0062	VARALAXMI
39	GUTTI MAHESH	19GN1R0063	
40	MUKURALA SWATHI	19GN1R0064	
41	MUTHYALA SHIREESHA	19GN1R0065	Dr. M.RAMAKRISHNA
42	RAJAMGARI KEERTHI	19GN1R0068	
43	SRILOJU ANILCHARY	19GN1R0070	
44	AEDLA HARISH	19GN1R0071	Dr. NIHAR RANJAN DAS
45	ANJALI SINGH	19GN1R0072	
46	SUKKA HARI RAGHAVA PRASAD	19GN1R0073	
47	BADDAM PRATHYUSHA	19GN1R0074	SARIKA
48	S.CHINNARI	19GN1R0048	
49	N.MANASA	19GN1R0033	
50	S.ABHIRAM	19GN1R0096	P.NAGARAJU
51	CHENNOJU SHASHANK	19GN1R0077	
52	DASAM BHAGYALAKSHMI	19GN1R0078	
53	DHAVLURI SRUTHI	19GN1R0079	T.MAHENDER
54	DONAKONDA MAHENDER	19GN1R0080	
55	M.SHIVA	19GN1R0037	
56	S.MAHALAXMI	19GN1R0050	B.RAMU
57	M.KEERTHI	19GN1R0038	
58	K. RAHUL	19GN1R0085	
59	KANDADA SAI KIRAN	19GN1R0086	B.RAMU
60	KARNAT MANASA	19GN1R0087	
61	NAKKA SUPRIYA	19GN1R0089	
62	NALLA AKHIL KUMAR	19GN1R0090	B.RAMU
63	NARAVARAOPET SHARANYA	19GN1R0091	
64	VALLABHUDAS SHIVAGANESH	19GN1R0099	
65	K.GAYTHRI	19GNIR0029	B.RAMU
66	M.VENNALA	19GN1R0060	
67	D.DEEPIKA	19GN1R0015	
68	B.AKSHYKUMAR	19GN1R0005	B.RAMU
69	B.RAMU	19GN1R0075	

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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.



70	M.SHIVANI	19GN1R0035	A.SRUTHI
71	T.SINDHUJA	19GN1R0056	
72	B.NIHARIKA	19GN1R0076	
73	K.RAKESH	19GN1R0028	V.KAVITHA
74	K.VIJYALAXMI	19GN1R0024	
75	N.AKHILA	19GN1R0093	
76	A.ARUNA	19GN1R0003	
77	S.VINAYCHARY	19GN1R0094	BHANU PRASAD
78	G.SHIRANYA	19GN1R0017	
79	M.MANOJKUMAR	19GN1R0088	
80	SHARANBABU	19GN1R0069	
81	S.VISHWAJITVARMA	19GN1R0049	
82	G.SNEHA	19GN1R0046	SAJID ALI ZUBERI
83	S.GOPICHAND	19GN1R0053	
84	UMESHKUMAR JOSHI	19GN1R0098	
85	M.SOUMYA	19GN1R0034	



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## AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES(GN)

### B. Pharmacy - R17 - IV Year - II Semester

#### B. Pharmacy- Project internal marks

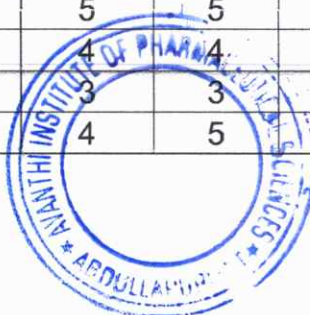
HNT0	REV-I	REV-II	REV-III	REV-IV	REV-V	TOTAL MARKS
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19GN1R0004	4	4	4	4	5	21
19GN1R0005	4	4	4	4	4	20
19GN1R0006	5	4	4	4	3	20
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19GN1R0008	5	5	5	4	4	23
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19GN1R0016	5	4	4	5	4	22
19GN1R0017	4	3	4	4	4	19
19GN1R0018	5	4	4	4	4	21
19GN1R0020	4	4	4	5	4	21
19GN1R0021	4	4	4	4	4	20
19GN1R0022	3	4	3	3	3	16
19GN1R0023	5	4	4	3	4	20
19GN1R0024	5	4	4	4	4	21
19GN1R0025	5	3	4	4	4	20
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19GN1R0027	3	4	4	4	4	19
19GN1R0028	4	4	4	4	4	20
19GN1R0029	4	4	4	5	4	21
19GN1R0030	4	4	4	4	4	20
19GN1R0031	3	4	5	4	4	20
19GN1R0032	5	4	4	3	4	20
19GN1R0033	5	4	3	5	3	20



  
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19GN1R0034	4	4	3	5	5	21
19GN1R0035	4	4	4	5	3	20
19GN1R0037	5	4	4	4	3	20
19GN1R0038	4	5	5	4	3	21
19GN1R0039	4	4	4	5	4	21
19GN1R0040	4	4	4	5	5	22
19GN1R0042	4	4	4	4	4	20
19GN1R0043	4	4	4	4	4	20
19GN1R0044	5	5	4	4	3	21
19GN1R0046	4	4	4	5	4	21
19GN1R0047	4	4	4	5	5	22
19GN1R0048	3	4	5	4	3	19
19GN1R0049	5	5	4	4	4	22
19GN1R0050	4	4	4	4	4	20
19GN1R0051	4	4	4	4	4	20
19GN1R0052	5	5	4	4	5	23
19GN1R0053	4	4	4	4	4	20
19GN1R0054	4	4	5	5	4	22
19GN1R0055	4	4	4	4	4	20
19GN1R0056	4	4	5	4	4	21
19GN1R0057	4	4	3	3	4	18
19GN1R0058	4	3	3	3	3	16
19GN1R0059	4	4	4	4	4	22
19GN1R0060	5	5	4	4	4	22
19GN1R0061	4	4	5	4	4	21
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19GN1R0064	4	4	4	4	4	20
19GN1R0065	4	4	5	4	3	20
19GN1R0066	4	5	4	4	3	20
19GN1R0068	5	4	3	4	4	20
19GN1R0069	4	4	4	4	4	21
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19GN1R0071	4	4	4	4	4	20
19GN1R0072	3	4	3	4	4	18
19GN1R0073	3	4	4	4	4	19
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19GN1R0075	5	4	4	4	4	21
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19GN1R0077	5	4	4	3	4	20
19GN1R0078	4	4	3	4	3	18
19GN1R0079	4	4	5	5	5	23
19GN1R0080	4	4	4	4	4	20
19GN1R0081	4	3	3	3	3	16
19GN1R0084	4	4	4	5	5	22




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19GN1R0085	4	4	4	4	3	19
19GN1R0086	4	4	4	5	4	21
19GN1R0087	5	5	4	4	4	22
19GN1R0088	4	4	5	5	4	22
19GN1R0089	5	4	4	4	5	22
19GN1R0090	4	5	5	4	4	22
19GN1R0091	4	4	4	4	3	19
19GN1R0093	4	3	4	4	4	19
19GN1R0094	3	4	4	4	4	19
19GN1R0096	3	4	3	4	3	17
19GN1R0098	4	4	4	3	4	19
19GN1R0099	4	3	4	4	4	19

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University External Exam Final Award List

R17- IV Year B.Pharmacy II Semester Regular

B.Pharmacy,SECTION-A


PROJECT WORK (24801)

Maximum Marks: 75

Date: 2023-06-28 15.38.07

S.No	HTNO	MARKS AWARDED
1	19GN1R0001	73
2	19GN1R0002	70
3	19GN1R0003	69
4	19GN1R0004	72
5	19GN1R0005	70
6	19GN1R0006	70
7	19GN1R0007	71
8	19GN1R0008	70
9	19GN1R0010	70
10	19GN1R0011	70
11	19GN1R0012	70
12	19GN1R0013	71
13	19GN1R0014	70
14	19GN1R0015	70
15	19GN1R0016	71
16	19GN1R0017	70
17	19GN1R0018	70
18	19GN1R0020	70
19	19GN1R0021	70
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25	19GN1R0028	69
26	19GN1R0029	68
27	19GN1R0030	65
28	19GN1R0031	65
29	19GN1R0032	70
30	19GN1R0033	70
31	19GN1R0034	69
32	19GN1R0035	70



  
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33	19GN1R0037	70
34	19GN1R0038	70
35	19GN1R0039	70
36	19GN1R0040	70
37	19GN1R0042	70
38	19GN1R0043	70
39	19GN1R0044	70
40	19GN1R0046	69
41	19GN1R0047	70
42	19GN1R0048	70
43	19GN1R0049	70
44	19GN1R0050	70

*[Handwritten Signature]*  
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University External Exam Final Award List

R17- IV Year B.Pharmacy II Semester Regular

B.Pharmacy, SECTION-B

PROJECT WORK (24801)

Maximum Marks: 75

Date: 2023-06-28 15.48.21

S.No	HTNO	MARKS AWARDED
1	19GN1R0051	70
2	19GN1R0052	70
3	19GN1R0053	70
4	19GN1R0054	70
5	19GN1R0055	70
6	19GN1R0056	70
7	19GN1R0057	70
8	19GN1R0059	70
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10	19GN1R0061	70
11	19GN1R0062	72
12	19GN1R0063	70
13	19GN1R0064	70
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22	19GN1R0074	70
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26	19GN1R0078	70
27	19GN1R0079	65
28	19GN1R0080	65
29	19GN1R0084	72
30	19GN1R0085	70
31	19GN1R0086	70
32	19GN1R0087	70

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33	19GN1R0088	70
34	19GN1R0089	70
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37	19GN1R0093	70
38	19GN1R0094	70
39	19GN1R0096	70
40	19GN1R0098	70
41	19GN1R0099	70

  
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**ANTI DIABETIC AND ANTIOXIDANT EFFECTS OF MARSDENIA  
BRAVIFOLIA LEAVES INDUCED DIABETIC RAT**

Dissertation submitted to



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY  
HYDERABAD**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF PHARMACY**

Submitted by

**KUMMARI GAYATHRI**  
(Reg. No. 19GN1R0029)

**NALLA AKHIL KUMAR**  
(Reg. No. 19GN1R0090)


**NARAYANRAOPET SHARAYNA**  
(Reg. No. 19GN1R0091)

**VALLABHUDAS SHIVAGANESH**  
(Reg. No. 19GN1R0099)

Under the guidance of  
**Mr.P.NAGARAJU M.Pharm**  
Associate Professor



Avanathi Institute of Pharmaceutical Sciences  
Gunthapally, Abdullapurmet, RR DIST-501512  
Gunthapally, Abdullapurmet, RR DIST-501512  
Gunthapally, Abdullapurmet, RR DIST-501512  
June-2023

  
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Approved by the Government of Andhra Pradesh, Hyderabad  
Gunthapally(V), Abdullapurmet(M), R.R Dist. Near Ramoji Filmcity, Hyderabad

Date \_\_\_\_\_

## CERTIFICATE

This is to certify that the thesis / dissertation entitled “**ANTI DIABETIC AND ANTIOXIDANT EFFECTS OF MARSDENIA BRAVIFOLIA LEAVES INDUCED DIABETIC RAT**” which is being submitted by “**KUMMARI GAYATHRI (19GN1R0029) NALLA AKHIL KUMAR (19GN1R0090) NARAYANRAOPET SHARAYNA (19GN1R0091) VALLABHUDAS SHIVA GANESH (19GN1R0099)**” in partial fulfillment of the requirement for the award of degree of BACHELOR OF PHARMACY to Jawaharlal Nehru Technological university Hyderabad is a record of bonafide work carried out by them .

EXTERNAL EXAMINER



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## External Lab Circular

Cir./Exam Section/0001

Date:05-01-2023

Attention all the IV B.Pharm I SEM students are here by informing you that Lab External examinations will be conducted from 10-01-2023 to 11-01-2023.

Time: FN: 09.30 AM TO 12.30 PM

AN: 01.00 PM TO 04.00 PM

OIE



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2. Administrative Office

3. Notice Boards

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### EXTERNAL LAB EXAMINERS

<u>DATE</u>	<u>YEAR/SEM</u>	<u>Name of the Internal Examiner</u>	<u>MORNING SESSION</u>	<u>AFTERNOON SESSION</u>	<u>Name of the External Examiner</u>
10-01-2023 EXTERNAL-LAB	IV/I	Mrs. V.KAVITHA	PHARMACY PRACTICE SCHOOL (BATCH-B)	PHARMACY PRACTICE SCHOOL (BATCH-A)	Mrs. MOMIN SHABANA
11-01-2023 EXTERNAL-LAB	IV/I	Dr. NIHAR RANJAN DAS	INSTRUMENTAL METHODS OF ANALYSIS (BATCH-A)	INSTRUMENTAL METHODS OF ANALYSIS (BATCH-B)	Mr. ARAVIND

EXAM BRANCH

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**B.Pharm IV- Year I-Sem**

**END-PRACTICAL EXTERNAL LAB EXAM-JAN-2023**

**Subject : PHARMACY PRACTICE**

**Date: 10-01-2023**

**Time: 3 hrs**

**Marks: 75**

**IV. SYNOPSIS :**

1. Define drug distribution and explain drug distribution system in in-patients.
2. Define hospital and dispensing of controlled drug substances.

**V. MAJOR EXPERIMENT**

- Case presentation on GIT

**VI. MINOR EXPERIMENT**

Collection of medicinal plant any two A) Clove B) Peppermint

**IV. VIVA & RECORD**

Signature of the Internal

Signature of the External



Signature of the Principal

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EXAMINATION BRANCH

DATE: 05-01-2023

B.PHARM IV YEAR I SEMESTER  
EXTERNAL PRACTICAL EXAMINATIONS JAN- 2023

### TIME TABLE

<u>DATE</u>	<u>MORNING SESSION</u>	<u>AFTERNOON SESSION</u>	<u>SIGNATURE</u>
10-01-2023 EXTERNAL-LAB	PHARMACY PRACTICE SCHOOL  (BATCH-B)	PHARMACY PRACTICE SCHOOL (BATCH-A)	
11-01-2023 EXTERNAL-LAB	INSTRUMENTAL METHODS OF ANALYSIS (BATCH-A)	INSTRUMENTAL METHODS OF ANALYSIS (BATCH-B)	

EXAM BRANCH

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**DEPARTMENT OF PHARMACY**  
**IV B.PHARMACY I SEMESTER LAB EXTERNAL**  
**EXAMINATIONS (R17 Regulation) A.Y 2022-23**  
**Scheme of Evaluation**

S.NO	EVALUTION PROCESS	MARKS
1	External Lab Exam	40
2	Day Today Work	15
3	Record and Observation	10
4	Viva	10

*P. Nagaraj*

**EXAM BRANCH**

**EXAM BRANCH**

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*M.R. Krishna*

**HOD**



*[Signature]*

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**EXAMINATION BRANCH**  
**PRACTICAL EXAMINATION ANSWER BOOK**

College Stamp



No.:

23939021

(8 pages)

PRINCIPAL'S FASCIMILE →

H.T.No.:

1 9 6 N I R 0 0 5 9

K. Venkateswara Rao  
Controller of Examinations

Name of the Examination Lab External Branch B-pharmacy  
Lab Subject pharmacy practice Date 10.01.2023

V. Sangeetha  
10.01.2023  
Signature of the Student with date

Y. Sangeetha  
10.01.2023  
Signature of Internal Examiner with date

1. Candidates are prohibited from :

- i) Writing their Hall Ticket No. in any part of their Answer Books except in the space specially provided for the purpose.
  - ii) Writing their names or symbols in any manner whatsoever in their Answer Books.
  - iii) Addressing the examiner in any manner whatsoever in their Answer Books.
- If they do so, their Answer Books will not be valued and the student will be booked under Malpractice case.
2. The candidates are not allowed into the Lab (where the Lab Exam is scheduled), after 30 minutes from the time of commencement of the examination.
  3. The candidates are not allowed to leave the Lab (where the Lab Exam is scheduled), for first 1 1/2 hours from the time of commencement of the examination.
  4. The candidate should not forget to enter Hall Ticket Number. Otherwise their Answer Book will not be valued.
  5. Before beginning to answer any question, the candidate should write the correct question number.
  6. Answer should be written on both sides of the paper.
  7. Please leave a margin of 2.5 cm on the left side of each page. Do not write anything in the margin except the question numbers.
  8. No loose sheets of paper will be allowed in to the Lab where the Exam is scheduled and no paper must be detached from the Answer Book
  9. All additional Answer Sheets and Graph Sheets, if used, should be attached before the last sheet of the main Answer Book and fastened securely.
  10. Answer must be legibly written.
  11. This Answer Book should be returned to one of the examiners before leaving the Lab.
  12. The Candidate will be booked under malpractice for damages/ not returning the Answer Book at the examination.

For Examiners' Award only

Description	Marks
Design / Code	15
Execution	29
Output / Results	19
Viva - Exam	9
<b>Total</b>	<b>72</b>

Total Marks obtained	72
Maximum Marks	75

Signature of External Examiner with date  
*[Signature]* 10/1/23

Signature of Internal Examiner with date  
*[Signature]* 10/1/2023

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I, synopsis

- 1, Define drug distribution system and explain drug distribution system to the inpatients
- 2, Define Hospital and dispensing of controlled drug substances

II, Major experiment

- case presentation on GIT

III, Minor experiment

- clove and piperment

IV viva and Record

I, synopsis

1, \* Drug distribution system

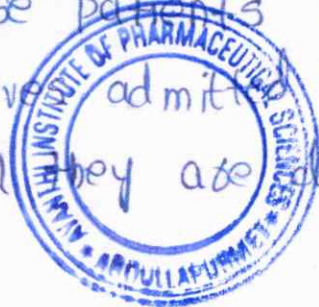
→ Drug distribution is defined as, 'physical transfer of drugs from storage area in the hospital to the patient's bedside'.

→ This involves two types of drug distribution system.

- 1, In-patient distribution
- 2, out-patient distribution

• In-patient drug distribution system :

→ In-patients are those patients who require hospitalization i.e. get themselves admitted in the hospital, stay there for treatment till they are discharged.



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→ These are four systems in general use for dispensing drugs for inpatients. They may be classified as follows;

- 1, Individual prescription order
- 2, complete floor stock system
- 3, combination of individual & floor stock system
- 4, unit dose system.

1, Individual prescription order :

→ It is a type of prescription system where the physician writes the prescription for individual patient who obtains the drug prescribed from any medical store or hospital dispensary by paying own charges.

2, complete floor stock system :

→ Under this system, the drugs are given to the patient through the nursing station and the pharmacy supplies from the drug store of a hospital.

→ Drugs on the nursing station or ward may be divided into ;

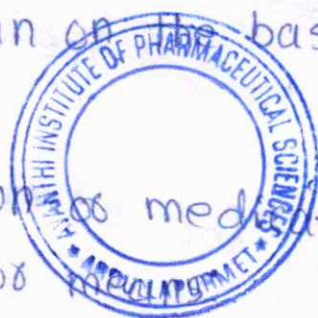
a, charge floor stock drugs

b, Non-charge floor stock drugs

3, combination of individual & floor stock system :

→ This system is followed in the government and also in private hospital who run on the basis of no profit and no loss.

→ Individual prescription as medication system followed as a major



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→ Requirement of drugs or surgical items are given to the patient who purchase and deposit these items in hospital wards or rooms under supervision of registered nurse.

4) Unit dose dispensing :-

→ Those medications which are ordered, packed, handled, administered and charged in multiples of single dose units containing a predetermined amount of drug (or) supply of sufficient for one regular dose.

2) \* Hospital :-

→ Hospital is a specialised organization in which patient care is the main focus.

→ It is an institute of providing health to individuals with the help of complex and special scientific equipments in the presence of trained staff who are well-educated in the problems of ~~individer~~ modern medical science.

\* Dispensing of controlled drug substances :-

→ These drugs should keep under lock and key.

→ A separate register should be maintained to register the drugs.

→ hospital control procedures :-

1, Responsibility for controlled substance in the hospital  
2, ordering ward stock of the controlled substance from the pharmacy

3, Doctors orders for a ministration of controlled drugs.

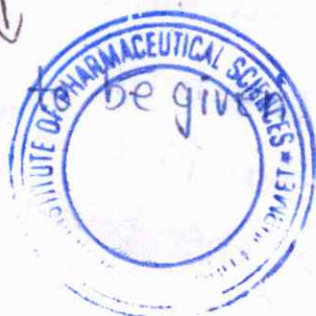



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- Responsibility of controlled substance :
  - The administrative head of the hospital is responsible for the proper safe guarding and the handling of controlled substances within the hospitals.
- ordering ward stock of the controlled substances from the pharmacy :
- A requisition for ward stock controlled substances is completed by insertion, a check mark opposite the name, strength form of controlled substance desired.
- Before any new controlled substances are issued to a ward.
- factors orders for administration of controlled drugs :
- The following information must appear on the doctor's controlled drug order sheet.

Date  
↓  
15 — patient full name  
↓  
patient's hospital number  
↓  
specific description of drug ordered and strength  
↓  
Amount



  
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## II, Major experiment

### \* patient demographic details :

1, Name : Sridhar Kasur

2, Gender : Male

3, Date of Admission 25/5/2023

4, Age : 35 years

5, Date of discharge : 25/6/2023

6, Department : GIT (Gastroenterology)

### \* pharmaceutical case plan (SOAP analysis) :

• subjective evidence : chief complaints are acute diarrhoea gripping pain in abdomen foul smelling in stools, mild fever, excretion.

• post medication history : Nil

• Family history : Nil

• social history : Nil

### \* Laboratory evaluation :

→ This patient of diarrhoea seems to have lost small amount of fluid and there are no signs of dehydration

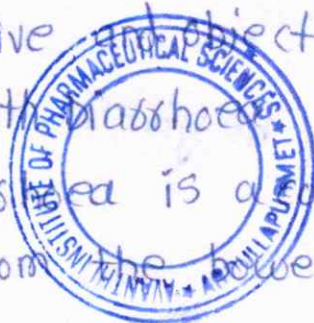
→ Moreover he is a young adult.

→ Thus, there is no need of rehydration therapy but normal fluid intake and nutrition should be continued

### \* Laboratory Assessment :

→ From the subjective and objective evidence of patient is diagnosed with diarrhoea

\* Definition : Diarrhoea is a condition in which faeces are discharged from the bowel frequently and in liquid form.



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- sign and symptoms : Abdominal cramps, Nausea, Blotting and fever.
- Monitoring parameters : sign and symptoms of the patient should be normalized by drug therapy.
- patient counselling :
  - conduct pre-education programs that to assess patient in understanding their disease.
  - Eat fresh vegetables
  - Eating healthy food and increase intake of high proteins.
- Report : From above observation, the patient is suffering with abdominal diarrhoea and the case study is observed and studied.

### Miris experiment

#### \* clove

- synonyms : clove buds, clove flower, Caryophyllus Laving
- Biological source : dried flower buds of Eugenia caryophyllus
- Family : ~~Mystaceae~~
- chemical constituents :
  - clove consists is about volatile oils (15-20%)
  - Eugenol (70-90%), Acetyl eugenol,  $\alpha, \beta$  caryophyllene tannins and other substances mainly methyl furfural and Dimethyl furfural.



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- Uses : 1, It is used to treat cough and cold
- 2, It is used as counter irritant for pain
- 3, It is used to treat toothache used in nausea, ingestion.
- 4, used to treat labour pain muscle spasms.

• Report : The medicinal plant ~~we~~ is collected and submitted.

### \* Peppermint :

- synonyms : Peppermint
- Biological source : Mentha piperita is a strongly scented perennial herb belonging to family Labiatae.
- Family : Labiatae.
- Chemical constituents : The chief constituents of peppermint oil is menthol, along with other constituents like menthyl acetate, isovalerate menthone inactive pience imonene.

• Uses :

- 1, It is stimulant stomachic, carminative
- 2, It has inflatulence and colic
- 3, It is used to treat cholera, diarrhoea

• Report :

→ The medicinal plants ~~we~~ are collected and submitted.



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





START WRITING FROM HERE

---

10078743

College Code : Z9

Ph : 6302454123



# KVK COLLEGE OF PHARMACY

(Affiliated to JNTUH, Approved by AICTE & PCI)

Surmaiguda (V), Laskharguda (GP), Abdullapurmet (M), R.R. Dist. - 501512.

E-mail : kvkcp1@gmail.com

Sponsored by Kennedy Educational Society

Regd. Office : Kennedy Educational Society, Phase - II, Sri Sai Colony, Opp. Radio Relay Tower,  
Hayathnagar, R.R. Dist. (T.S.) - 501 505.

Ref: KES/KVK/B.Pharm/ External Lab Exams / Jan 2023

Date:-10-1-2023,

College Code: Z9


To  
The Principal,  
Avanathi Institute of Pharmaceutical Sciences,  
Gunthapally,  
Abdullapurmet, R.R.(Dist.).

Respected Sir,

Sub: Relieving of **Mrs.MOMIN SHABANA**, for External Practical Examiner – Reg.

This is to certify that **Mrs.MOMIN SHABANA**, Asst. Professor of our College has been appointed as External Practical Examiner at your College for B.Pharm IV Year I Sem for **PHARMACY PRACTICE LAB** on 10-1-2023. She has been relieved from the College on 10-1-2023 at 10:00 AM

Thanking You.

  
Principal  
KVK College of Pharmacy  
Surmaiguda, R.R. Dist. T.S.  
PRINCIPAL



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



College Code : Z9

Ph : 6302454123



# KVK COLLEGE OF PHARMACY

(Affiliated to JNTUH, Approved by AICTE & PCI)  
Surmaiguda (V), Laskharguda (GP), Abdullapurmet (M), R.R. Dist. - 501512.  
E-mail : kvkcp1@gmail.com

Sponsored by Kennedy Educational Society

Regd. Office : Kennedy Educational Society, Phase - II, Sri Sai Colony, Opp. Radio Relay Tower,  
Hayathnagar, R.R. Dist. (T.S.) - 501 505.

Ref: KES/KVK/B.Pharm/ External Lab Exams / Jan 2023

Date:-11-1-2023,

College Code: Z9

To

The Principal,  
Avanthi Institute of Pharmaceutical Sciences,  
Gunthapally,  
Abdullapurment, R.R.(Dist.).

Respected Sir,

Sub: Relieving of **Mr. T.ARAVIND**, Relieving order for External Practical Examiner – Reg.

This is to certify that **Mr. T.ARAVIND**, Assistant Professor of KVK College of pharmacy has been appointed as External Practical Examiner at Avanthi Institute of Pharmaceutical sciences for **B.PHARM IV Year I SEM** for **INSTRUMENTAL METHOD OF ANALYSIS- LAB** on **11-1-2023**. He has been relieved from his duties on **11-1-2023** at **9.30 AM**

Thanking You.



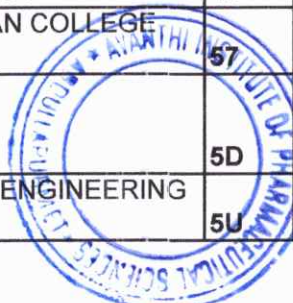
- PRINCIPAL  
Avanthi's Institute of Pharmaceutical Sciences  
Gunthapally (V), Hayath Nagar (M),  
Ranga Reddy Dist.

PRINCIPAL  
KVK College of  
Surmaiguda, R.R.



**B.Tech/B.Pharm I-II Reg/Supply & I-I Supply, I Year Supply Nov-2022 Exams Alloted Observers**  
**Spell- I from 16-11-2022 to 22-11-2022 Date : 14-11-2022**

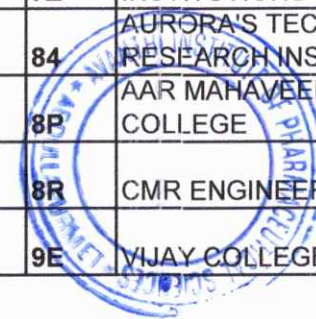
SNO	OBSERVER_ID	OBSERVER_NAME	MOBILE_NO	COLLE GECO DE	COLLEGENAME	HOST CODE	HOSTNAME
1	CIGPM3292J	MOHD MUDASSIR HUSSAIN	7207122028	1F	M.R.M. COLLEGE OF PHARMACY	17	BHARAT INSTITUTE OF TECHNOLOGY
2	AGQPC2260G	CHILUVERI VIJAYA KUMAR	9849835544	S4	VAAGESWARI COLLEGE OF ENGINEERING	1K	SREE CHAITANYA INSTITUTE OF PHARMA. SCIENCES
3	AQTPM5881C	LALITHA MANGALARAM	9948526923	29	VIJAYA RURAL ENGG. COLLEGE	1N	TIRUMALA COLLEGE OF PHARMACY
4	BBDPC0544G	CHIRRA SANDHYA	7382786141	D2	SRIDEVI WOMEN'S ENGG. COLLEGE	25	G.NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCES (FOR WOMEN)
5	BWKPK7332Q	KALAM CHANDRIKA	9701055113	J2	JOGINPALLY BR ENGINEERING COLLEGE	26	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
6	ARQPB9619R	SRINIVAS BURRA	9490038437	N6	VIVEKANANDA INST OF TECH. AND SCIENCE	27	JYOTHISMATHI INSTITUTE OF TECHNOLOGY AND SCIENCES
7	CTYPK7868M	RAM PRASAD	9494783115	1K	SREE CHAITANYA INSTITUTE OF PHARMA. SCIENCES	28	KAMALA INSTITUTE OF TECHNOLOGY AND SCIENCES
8	BJXPG8047A	GOURIBHATLA PRANATHI	9603998127	WN	VAAGESWARI COLLEGE OF PHARMACY	28	KAMALA INSTITUTE OF TECHNOLOGY AND SCIENCES
9	AVKPN4370K	NAMPALLY ANIL KUMAR	9642980787	B4	KSHATRIYA COLLEGE OF ENGINEERING	29	VIJAYA RURAL ENGG. COLLEGE
10	AGMPN2440D	NATKA EASHWARAMMA NATKA EASHWARAMMA	9494863416	8P	AAR MAHAVEER ENGINEERING COLLEGE	32	BHOJ REDDY ENGINEERING COLLEGE FOR WOMEN
11	DPDPM2617Q	MAHESH SANE	8790678440	57	SREE VISVESVARAYA INST. OF TECH AND SC.	36	JAYA PRAKASH NARAYAN COLLEGE OF ENGINEERING
12	AAUPW9918R	CASSIANA WALTER	9985866257	XU	CSI WESLEY INSTITUTE OF TECHNOLOGY AND SCIENCES	41	SHADAN WOMEN'S COLLEGE OF PHARMACY
13	BLIPM0152K	MAHABUB MOHD SHAIKH	8897598501	L5	SHADAN WOMEN'S COLLEGE OF ENGG. AND TECHNOLOGY	45	SULTAN UL ULOOM COLLEGE OF PHARMACY
14	BTBPS8714E	SHARATH RAJ MACHERLA	9885023611	36	JAYA PRAKASH NARAYAN COLLEGE OF ENGINEERING	57	SREE VISVESVARAYA INST. OF TECH AND SC.
15	AOOPD8704N	DAS RANJAN NIHAR	9160980408	GN	AVANTHI INSTITUTE OF PHARMACEUTICAL SC.	5D	KASIREDDY NARAYAN REDDY COLLEGE OF ENGINEERING AND RESEARCH
16	AHFVN7060H	NENAVATH RAJA KUMAR	9866207338	X3	SRI INDU INSTITUTE OF ENGINEERING & TECHNOLOGY	5U	AVN INSTITUTE OF ENGINEERING AND TECHNOLOGY



**AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES**  
 Sunthapally (V), Abdullapurmet (M),  
 P. R. Dist. Telangana.



17	CQFPB6362K	BOLLEPAKA SRILATHA	9440405260	CK	PRATISHTA INST. OF PHARMACEUTICAL SC.	63	SRI VENKATESWARA ENGG. COLLEGE
18	AIUPI6196B	PAVANI INDURI	6360365172	VM	VIKAS COLLEGE OF PHARMACEUTICAL SCIENCES	63	SRI VENKATESWARA ENGG. COLLEGE
19	ADCPE7971P	SOUMYA ERRABOINA	8897352607	6Y	SUMATHI REDDY INST OF TECHNOLOGY	68	CHRISTU JYOTHI INSTITUTE OF TECHNOLOGY AND SCIENCES
20	AJXPN0689G	ASHWINI NOMULA	9494281230	UK	VAAGDEVI ENGINEERING COLLEGE	68	CHRISTU JYOTHI INSTITUTE OF TECHNOLOGY AND SCIENCES
21	AWVPK4572G	KAVETI SHRIDHAR	9848955100	29	VIJAYA RURAL ENGG. COLLEGE	6B	KAKATIYA INSTITUTE OF TECHNOLOGY AND SEIENCE FOR WOMEN
22	BSSPR5256E	KIRAN RAMISETTI	9490241424	BR	VIJAYA ENGINEERING COLLEGE	6C	PRIYADARSHINI INSTITUTE OF SC. & TECH. FOR WOMEN
23	ASEPB6002B	BIJAPURI SRIVATHSAVA	9885689720	D0	ST MARY'S COLLEGE OF ENGG. AND TECHNOLOGY	6F	PALLAVI ENGINEERING COLLEGE
24	AUHPD9792P	UGANDHAR DASARI	9948711745	84	AURORA'S TECHNOLOGICAL AND RESEARCH INSTITUTE	6M	PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
25	ARKPT2191A	THOTAKURA RAMESH	9160400066	WH	BVRIT HYDERABAD	6P	RISHI M.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN
26	COEPP1716G	SHAIK AHMED PASHA	9985380318	UC	TALLA PADMAVATHI COLLEGE OF ENGINEERING	6Y	SUMATHI REDDY INST OF TECHNOLOGY
27	CBJPM5678Q	RAJASHEKAR REDDY MADIREDDY	9966451515	TR	SREE CHAITANYA INSTITUTE OF TECHNOLOGICAL SCIENCES	7J	CVM PHARMACY COLLEGE
28	ACGPL1455Q	SVVNSM LAKSHMI	8099940666	DH	VISHNU INST. OF PHARMACEUTICAL EDU. AND RESEARCH	7L	GLAND INSTITUTE OF PHARMACEUTICAL SCIENCES
29	CJQPP9844N	PITTA LAVANYA LAVANYA	9177945851	GN	AVANTHI INSTITUTE OF PHARMACEUTICAL SC.	7Q	BRILLIANT GROUP OF INSTITUTIONS
30	AWNPM6186E	SANDYARANI MARRI	6304797207	K8	ST MARTINS COLLEGE ENGINEERING COLLEGE	7R	CMR TECHNICAL CAMPUS
31	DBWPD3143K	SHIVA PRASANNA DEVARAKONDA	9492341327	6M	PRINCETON INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN	7Z	NALLA NARASIMHA REDDY EDU SOCIETY'S GROUP OF INSTITUTIONS
32	DDMPR3397K	RADHIKA DANDOTHI	8317563252	RA	KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY	84	AURORA'S TECHNOLOGICAL AND RESEARCH INSTITUTE
33	AZPPM8979A	MITTA CHAITANYA	9908977179	Z3	BOJJAM NARASIMHULU PHARMACY COLLEGE FOR WOMEN	8P	AAR MAHAVEER ENGINEERING COLLEGE
34	AWJPV8795J	PREETHI VEERLAPALLI	9160759295	X0	NARASIMHA REDDY ENGINEERING COLLEGE	8R	CMR ENGINEERING COLLEGE-
35	AJOPN7314H	SANDEEP NEERADI	9666685557	B4	KSHATRIYA COLLEGE OF ENGINEERING	9E	VIJAY COLLEGE OF PHARMACY



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



Year / Sem / Regulation / Branch Code / Sub. Code / Sub. Name

YR CODE

Sl. No. : 1668102



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
KUKATPALLY - HYDERABAD - 500 085, TELANGANA STATE, INDIA.  
ANSWER BOOKLET

(Read the instructions given on the reverse side)

PART - I

Course :  
Hall Ticket No. :  
Name :  
Examination :  
Month-Year :  
Branch :  
Subject Code :  
Subject Name :  
Date of Exam :  
College Name :

*K. Venkateswara W*

Signature of the Controller of exams

Signature of the Student with date

Signature of the Invigilator with date

DO NOT TEAR OFF THIS BARCODE  
Control Bundle No.  
Do Not Write/Mark in Barcode area  
Sl. No. of Ans. Book in Bundle

This Part should be used by the Valuer during valuation of this Answer script

Course :  
Subject Name :  
Subject Code :  
Exam :  
Month-Year :  
Date of Exam :

Branch :

MARKS AWARDED FOR QUESTIONS  
(for Examiner's award only)

JNTUH

To be filled by the Examiner

PART - II I

To be filled by the Student

Subject Code as printed on top left corner of Question paper

Q. No.	a	b	c	d	Total
1					
2					
3					
4					
5					
6					
7					
8					
Total Marks (in Figures) :					

Total Marks

Sl. No. of Answer Book in the Bundle

Control Bundle No.

YR CODE

MARKS IN WORDS

Signature of the Examiner

First Digit Second Digit

Signature of the Soutrizer

Serial No of last page written

Bundle Number for Office use only  
Do Not Write/Mark in Barcode area  
Sl. No. of Ans. Book in Bundle

Course :  
Subject Name :  
Subject Code :  
Exam :  
Month-Year :  
Date of Exam :

Branch :

MARKS AWARDED FOR QUESTIONS  
(for Examiner's award only)

JNTUH

To be filled by the Examiner

PART - III I

To be filled by the Student

Subject Code as printed on top left corner of Question paper

Q. No.	a	b	c	d	Total
1					
2					
3					
4					
5					
6					
7					
Total Marks (in Figures) :					

Total Marks

Sl. No. of Answer Book in the Bundle

Control Bundle No.

YR CODE

MARKS IN WORDS

Signature of the Examiner

First Digit Second Digit

Signature of the Soutrizer

Serial No of last page written



PRINCIPAL  
AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES  
Abdullapurmet (M),  
Kukatpally, Hyderabad





Jawaharlal Nehru Technological University Hyderabad  
University Examination Branch.



Dr. M.Chandra Mohan  
B.E., M.Tech., Ph.D.  
Professor of Computer Science & Engg. &  
DIRECTOR OF EVALUATION

To,  
The Principal,  
AVANTHI INSTITUTE OF PHARMACEUTICAL SC. (GN).

Dear Sir/Madam,

Sub:- Exam Branch-JNTUH-Appointment of Subject Experts from your college for Spot Valuation duty-Request for deputing the appointed subject experts-Reg.

I am glad to inform you that the following faculty members of your college have been appointed as subject experts for spot valuation duty at Examination Branch, JNTUH. You are requested to depute these faculty members duly adjusting the class work/Invigilation/other assignments and by issuing the relieving letter. The faculty members deputed for Spot valuation duty shall report at Examinations Building Spot Valuation Center-JNTUH Campus, Kukatpally, Hyderabad everyday by 10 AM. For any further clarifications please contact the reporting officer (mentioned in table here under).


Evaluator Name	Name of the Subject to be Evaluated	Dates of Valuation	Reporting Officer
ITHNA SWATHI	PHYSICAL PHARMACEUTICS I	15-03-2022 to 18-03-2022	Additional Controllers of Examination 2
RISHIKA UNYALA	PHARMACEUTICAL ORGANIC CHEMISTRY II	15-03-2022 to 18-03-2022	Additional Controllers of Examination 2

Your co-operation is highly solicited for the smooth conduct of spot valuation work.

sd/-

Director Of Evaluation, JNTUH



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

web: www.jntuh.ac.in



Phone: off: +91-40-23156113  
Fax: +91-40-23158668  
Email: dejntuh@jntuh.ac.in

EXAMINATION BRANCH  
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
Kukatpally, Hyderabad – 500 085  
Telangana (India)

**Dr. M. Chandra Mohan**

*B.E., M.Tech., Ph.D.*

Professor of Computer Science and Engg. &

**DIRECTOR OF EVALUATION**

**EVALUATOR RELIEVING ORDER**

**Date: 18/03/2022**

To

The Principal/Director,

Affiliated colleges of JNTUH offering B.Tech/B.Pharm/M.Tech/M.Pharm/MBA/MCA Courses.

Dear Madam/Sir,

Sub: Spot Valuation at JNTUH-Relieving Order-Reg.

\*\*\*\*\*

Thank you for deputing your faculty member Mr./Mrs. **U RISHIKA** as examiner for Spot evaluation at JNTUH. The faculty member performed Spot Valuation duty in the Exam Branch on the following dates 15-MAR-22 16-MAR-22 17-MAR-22 at ACE-1. If any scrutiny correction are present, the faculty member will be asked to come to exambranch for performing scrutiny correction.

Thanking You,

Yours Sincerely,

**DIRECTOR OF EVALUATION**



*[Handwritten Signature]*  
**PRINCIPAL**  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Addulapurmet (M),  
R.R. Dist. Telangana.



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**HYDERABAD - 500 085, TELANGANA STATE, INDIA.**



College: **GN - AIP, HAYATHNAGAR**

Sl. No. **PC05128434**



30861001887



**PROVISIONAL CERTIFICATE**

20861001887

HT No: **19GNIR0001**

This is to certify that Mr. A DHARMATEJA

S/o A NARAYANA

passed Bachelor of Pharmacy degree

examination of this University, held in July, 2023 and that he was

placed in FIRST CLASS.

He has satisfied all the requirements for the award of the degree.


Hyderabad - T.S.

  
Controller of Examinations

  
REGISTRAR

Date: August 19, 2023



  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abudullapurmet (M),  
R.R. Dist. Telangana.





**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
HYDERABAD - 500 085, TELANGANA STATE, INDIA.



CONSOLIDATED MEMO OF MARKS/GRADES AND CREDITS

C5142095

**BACHELOR OF PHARMACY**



Name : **A DHARMATEJA**

Hall Ticket No : **19GN1R0001**

Serial. No. : 20861001887

Year of Admission : 2019-2020

Name of the College : **GN-AIP,HAYATHNAGAR**

Month & Year of Final Exam : **July 2023**

Class Awarded : **FIRST CLASS**

S.No	SUBJECT TITLE	GRADE POINT	GRADE	CREDITS	S.No	SUBJECT TITLE	GRADE POINT	GRADE	CREDITS					
<b>I SEMESTER</b>					<b>I YEAR</b>					<b>II SEMESTER</b>				
1	PHARMACEUTICAL ANALYSIS - I	6	B	3.0	1	PHARMACEUTICAL ORGANIC CHEMISTRY - I	5	C	4.0					
2	PHARMACEUTICAL INORGANIC CHEMISTRY - I	6	B	3.0	2	HUMAN ANATOMY AND PHYSIOLOGY - II LAB	9	A+	2.0					
3	HUMAN ANATOMY AND PHYSIOLOGY - I LAB	9	A+	2.0	3	HUMAN ANATOMY AND PHYSIOLOGY - II	5	C	3.0					
4	PHARMACEUTICS - I	5	C	3.0	4	BIOCHEMISTRY	5	C	3.0					
5	HUMAN ANATOMY AND PHYSIOLOGY - I	6	B	3.0	5	PATHOPHYSIOLOGY	5	C	3.0					
6	PHARMACEUTICS - I LAB	9	A+	2.0	6	BIOCHEMISTRY LAB	9	A+	2.0					
7	COMMUNICATION SKILLS LAB	10	O	1.0	7	PHARMACEUTICAL ORGANIC CHEMISTRY - I LAB	10	O	2.0					
8	PHARMACEUTICAL ANALYSIS - I LAB	10	O	2.0	8	COMPUTER APPLICATIONS IN PHARMACY	6	B	3.0					
9	COMMUNICATION SKILLS	8	A	2.0	9	COMPUTER APPLICATIONS IN PHARMACY LAB	9	A+	1.0					
10	REMEDIAL MATHEMATICS	6	B	3.0										
11	PHARMACEUTICAL INORGANIC CHEMISTRY - I LAB	10	O	2.0										
<b>I SEMESTER</b>					<b>II YEAR</b>					<b>II SEMESTER</b>				
1	PHARMACEUTICAL MICROBIOLOGY	6	B	4.0	1	PHARMACOGNOSY AND PHYTOCHEMISTRY - I LAB	8	A	2.0					
2	PHYSICAL PHARMACEUTICS - I	6	B	4.0	2	PHARMACEUTICAL ORGANIC CHEMISTRY - III	6	B	4.0					
3	PHYSICAL PHARMACEUTICS - I LAB	8	A	2.0	3	PHARMACOLOGY - I	6	B	4.0					
4	PHARMACEUTICAL ORGANIC CHEMISTRY - II	6	B	4.0	4	PHARMACOLOGY - I LAB	9	A+	2.0					
5	PHARMACEUTICAL MICROBIOLOGY LAB	10	O	2.0	5	MEDICINAL CHEMISTRY - I	6	B	4.0					
6	PHARMACEUTICAL ORGANIC CHEMISTRY - II LAB	10	O	2.0	6	PHYSICAL PHARMACEUTICS - II	7	B+	4.0					
7	PHARMACEUTICAL ENGINEERING	6	B	4.0	7	PHARMACOGNOSY AND PHYTOCHEMISTRY - I	9	A+	4.0					
8	PHARMACEUTICAL ENGINEERING LAB	10	O	2.0	8	PHYSICAL PHARMACEUTICS - II LAB	10	O	2.0					
					9	MEDICINAL CHEMISTRY - I LAB	10	O	2.0					
					10	GENDER SENSITIZATION LAB ^	-	-	0.0					
<b>I SEMESTER</b>					<b>III YEAR</b>					<b>II SEMESTER</b>				
1	PHARMACOGNOSY AND PHYTOCHEMISTRY - II	5	C	4.0	1	PHARMACOLOGY - III	5	C	4.0					
2	COSMETIC SCIENCE	6	B	4.0	2	HERBAL DRUG TECHNOLOGY	5	C	4.0					
3	INDUSTRIAL PHARMACY - I	6	B	4.0	3	PHARMACOLOGY - III LAB	9	A+	2.0					
4	PHARMACOLOGY - II	6	B	4.0	4	HERBAL DRUG TECHNOLOGY LAB	10	O	2.0					
5	PHARMACOLOGY - II LAB	10	O	2.0	5	MEDICINAL CHEMISTRY - III	6	B	4.0					
6	MEDICINAL CHEMISTRY - II	7	B+	4.0	6	PHARMACEUTICAL BIOTECHNOLOGY	7	B+	4.0					
7	PHARMACOGNOSY AND PHYTOCHEMISTRY - II LAB	10	O	2.0	7	BIOPHARMACEUTICS AND PHARMACOKINETICS	6	B	4.0					
8	INDUSTRIAL PHARMACY LAB	10	O	2.0	8	MEDICINAL CHEMISTRY - III LAB	10	O	2.0					
9	ENVIRONMENTAL SCIENCES ^	-	-	0.0	9	HUMAN VALUES AND PROFESSIONAL ETHICS ^	-	-	0.0					
<b>I SEMESTER</b>					<b>IV YEAR</b>					<b>II SEMESTER</b>				
1	NOVEL DRUG DELIVERY SYSTEMS	7	B+	4.0	1	NANO TECHNOLOGY	5	C	4 *					
2	PRACTICE SCHOOL	9	A+	2.0	2	BIOSTATISTICS AND RESEARCH METHODOLOGY	6	B	4.0					
3	INSTRUMENTAL METHODS OF ANALYSIS	6	B	4.0	3	SOCIAL AND PREVENTIVE PHARMACY	7	B+	4.0					
4	PHARMACY PRACTICE	6	B	4.0	4	PROJECT WORK	10	O	3.0					
5	QUALITY CONTROL AND STANDARDIZATION OF HERBALS	7	B+	4.0	5	PHARMACEUTICAL JURISPRUDENCE	7	B+	3.0					
6	INSTRUMENTAL METHODS OF ANALYSIS LAB	10	O	2.0										
7	INDUSTRIAL PHARMACY - II	6	B	4.0										
8	INDUSTRIAL TRAINING	10	O	1.0										

Number of Credits registered and secured are 196

Aggregate Marks/CGPA Secured : 7.04

Date of Issue : August 19, 2023

(see overleaf for rules concerned to award of class)

(\* Mandatory course passed for award of degree)

(\* Courses registered but not counted for calculation of aggregate)

CONTROLLER OF EXAMINATIONS



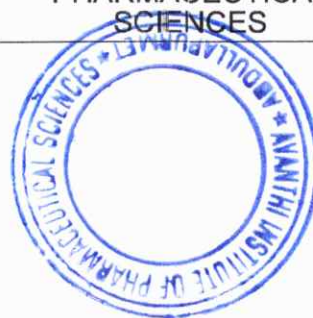
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Madhapurmet (M),  
R.R. Dist. Telangana.



**Jawaharlal Nehru Technological Universtiy Hyderabad**  
**Avanthi Institute of Pharmaceutical Sciences(GN)**  
**B.PHARMACY**

*B.Pharmacy\_June\_2023 - Uploaded Project panel details, on Sat Jun 17 16:24:47 IST 2023*

SectionID	Examiner Name	ExaminerDesignation	Examiner Department	Examiner WorkingAddress	Examiners MailID	Mobile No
GN_R_00_1_3 7	DEVATHA RAMANA	Professor	M.Pharmacy	Samskruti College of Pharmacy	devathavr2002@yahoo.com	8179996193
GN_R_00_1_3 7	B PRABHAKAR REDDY	Associate Professor	M.Pharmacy	Vignan Institute of Pharmaceutical Sciences	preddy1504@gmail.com	9966387487
GN_R_00_1_3 7	SHANKAR CHERUKU	Assistant Professor	M.Pharmacy	Vijaya College of Pharmacy	shankar33665@gmail.com	9491495209
GN_R_00_1_3 7	Dr. M. Sunitha Reddy	Associate Professor	PHARMACEUTICAL SCIENCES	CENTRE FOR PHARMACEUTICAL SCIENCES	baddam_sunitha@rediffmail.com	9849958604
GN_R_00_1_3 7	Dr. G. Krishna Mohan	Professor	PHARMACEUTICAL SCIENCES	CENTRE FOR PHARMACEUTICAL SCIENCES	drgkmohan@gmail.com	9177171234
GN_R_00_2_3 7	CHAMAKURI KANTLAM	Associate Professor	M.Pharmacy	Netaji Institute of Pharmaceutical Science	kantlam3@gmail.com	9989535880
GN_R_00_2_3 7	SREENIVAS ASWATH NARAYANA SETTY	Professor	M.Pharmacy	Sree Datha Institute of Pharmacy	saiseenu7@gmail.com	9676672986
GN_R_00_2_3 7	YEDDUNOORI GANESH	Assistant Professor	M.Pharmacy	KVK College of Pharmacy	ganesh.yed@gmail.com	9949142411
GN_R_00_2_3 7	Dr. M. Ajitha	Professor of Pharmacy	Science & Technology	IST	ajitharajmakula@gmail.com	9989842592
GN_R_00_2_3 7	Dr. S. Shobha Rani	Associate Professor	PHARMACEUTICAL SCIENCES	CENTRE FOR PHARMACEUTICAL SCIENCES	satla_shobhara ni@yahoo.com	9866775259



**Signature of Principal with seal**

**PRINCIPAL**  
**AVANTHI INSTITUTE OF**  
**PHARMACEUTICAL SCIENCES**  
 Gunthapally (V), Aduliapurmet (M)  
 R.R. Dist. Telangana



## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY, HYDERABAD-500 085

PROCEEDINGS OF THE DIRECTOR OF UNIVERSITY EXAMINATIONS

Procs.No.JNTUH/EB/B.Pharmacy/VV/2023, Dt:25.6.2023

Sub: JNTUH - Examinaton Branch-Appointment of External Examiner for conduct of B.Pharmacy Project Viva-Voce Exam -Orders-Issued.

### ORDER

The Principal,Avanthy Institute of Pharmaceutical Sciences, has sent the panel of external examiners for conducting project viva-voce examination for B.Pharmacy. IV - II(R17 Regulation) project viva-voce Regular/supply and (R16,R15,R13 Regulations)supply students. They have requested the University to issue necessary orders for appointing the external examiners.

Name Of The Course	Approved External Examiner
B.Pharmacy(SECTION : 1) Panel_Id : GN_R_00_1_37	DEVATHA RAMANA Professor M.Pharmacy Samskruti College of Pharmacy devathavr2002@yahoo.com 8179996193
B.Pharmacy(SECTION : 2) Panel_Id : GN_R_00_2_37	SREENIVAS ASWATH NARAYANA SETTY Professor M.Pharmacy Sree Datha Institute of Pharmacy saiseenu7@gmail.com 9676672986

The Principal is requested to arrange for conduct of Project viva-voce examination before the due date mentioned in the notification and upload the project viva-voce awarded marks to the JNTUH University Examination Registrations Portal on the same day. Take the printout of system generated marks report and get it signed with internal & external examiners and submit the same to DE/JNTUH.

TO  
THE PRINCIPAL  
Avanthy Institute of Pharmaceutical  
Sciences

*K. Venkateswara Rao*  
DIRECTOR OF UNIVERSITY EXAMINATIONS



*[Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.





## List of External Grievances

Any grievances related to End examinations are brought to the notice of the Examination cell. The cell sends a letter to the university immediately if necessary. The University takes immediate action based on the grievance. If a student is not satisfied with the marks allotted to his/her in the End examination, he/she can opt for Revaluation, Recounting or Challenge evaluation after paying the requisite fee to the university. If the students are opting for re-evaluation/rechecking of their answer scripts the same is submitted to the university to do the needful. Hence the mechanism adopted by the college is transparent, time bound and efficient. Grievances related to mistakes in certificates are handled by the Examination cell by taking up the matter to the university. The below given list is the number of students applied for the Revaluation/Recounting and number of students whose marks are changed for the academic year 2022-2023.

The total number of External Grievances: (Students applied for Recounting/ Revaluation is 17, Modification in Certificates etc,-01)

The number of students whose marks are changed is 01,

The number of Modification in Certificates are changed is 01

Percentage=32/16=5.0

S.No	Academic Year	Semester	Total Applied/Change
1	2022-2023	4-2 Reg / Supply-July-23	06/01
2	2022-2023	II-I & I-I REG April-2023	11/00
3	2022-2023	Request for B.pharmacy I yr I sem late registration Hall ticket generation	1
4	2022-2023	Request for Pharm-D IV year section information hall ticket number	1
5	2022-2023	Request for Olr b.pharmacy not working for IV-II sem I mid marks uploading	1
6	2022-2023	Observer mobile number changing	1
7	2022-2023	Request for inclusion of student hall ticket number in pharm D V Year project thesis uploading	1
8	2022-2023	B.Pharm I year I sem examination registration service	1
9	2022-2023	Photo Updation	1
10	2022-2023	NOC For PC & CMM	4
11	2022-2023	Observer replacement	2
12	2022-2023	Issue of PC & CMM Tatkal	2



- 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.



## Revaluation/ Recounting results for Bpharmacy 42 Reg sup July 2023 exams 19-08-2023.

HTNO	SUBJECT CODE	SUBJECT NAME	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	GRADE	GRADE POINTS	CREDITS	GRADE STATUS
189R1R0005	248AA	BIOSTATISTICS AND RESEARCH METHODOLOGY	14	11	25	F	0	0	Grade No Change
19GN1R0006	248AA	BIOSTATISTICS AND RESEARCH METHODOLOGY	23	20	43	F	0	0	Grade No Change
19GN1R0006	248AB	SOCIAL AND PREVENTIVE PHARMACY	21	36	57	B	6	4	Grade Change
19GN1R0006	248AE	NANO TECHNOLOGY	22	23	45	F	0	0	Grade No Change
19GN1R0014	248AE	NANO TECHNOLOGY	21	23	44	F	0	0	Grade No Change
19GN1R0027	248AE	NANO TECHNOLOGY	18	19	37	F	0	0	Grade No Change
19GN1R0049	248AA	BIOSTATISTICS AND RESEARCH METHODOLOGY	21	20	41	F	0	0	Grade No Change



  
- 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.



## Revaluation/ Recounting results for B.Pharmacy 21 11 REG APRIL 2023 EXAMS

HTNO	SUBJECT CODE	SUBJECT_NAME	INTERNAL MARKS	EXTERNAL MARKS	TOTAL MARKS	GRADE	GRADE_POINTS	CREDITS	GRADE_STATUS
22GN1R0040	281AD	PHARMACEUTICAL INORGANIC CHEMISTRY	22	21	43	F	0	0	Grade No Change
22GN1R0079	281AC	PHARMACEUTICAL ANALYSIS - I	21	20	41	F	0	0	Grade No Change
22GN1R0097	281AE	PHARMACEUTICS	20	18	38	F	0	0	Grade No Change
22GN1R0098	281AA	COMMUNICATION SKILLS	20	14	34	F	0	0	Grade No Change
22GN1R0098	281AB	HUMAN ANATOMY AND PHYSIOLOGY - I	20	22	42	F	0	0	Grade No Change
22GN1R0098	281AD	PHARMACEUTICAL INORGANIC CHEMISTRY	21	19	40	F	0	0	Grade No Change
22GN1R0099	281AE	PHARMACEUTICS	24	30	54	D	6	4	Grade No Change
22GN1R0099	281AG	REMEDIAL MATHEMATICS	23	16	39	F	0	0	Grade No Change
22GN1R00A2	281AC	PHARMACEUTICAL ANALYSIS - I	24	38	62	C	7	4	Grade No Change
22GN1R00A2	281AD	PHARMACEUTICAL INORGANIC CHEMISTRY	24	39	63	C	7	4	Grade No Change
22GN1R00A2	281AG	REMEDIAL MATHEMATICS	23	30	53	D	6	3	Grade No Change



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

Compose

- Inbox 7,994
- Starred
- Snoozed
- Important
- Sent
- Drafts 749
- Spam 144
- Trash
- More

[Back] [Add] [Clock] [Trash] [Envelope] [Clock] [Reply] [Add] [Forward] [More]

28 of many [Previous] [Next] [Print] [Share]

# REQUEST FOR HALL TICKETS OF B.PHARM IV-II ADVANCE SUPPLY & M.PHARM I-II REGULAR & SUPPLY & I-I SUPPLY HALL TICKETS REG..



**AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD** <principalgn@gmail.com>  
to support.registrations, cejntuh

Wed, Aug 23, 2023, 10:59 AM

[Star] [Smiley] [Reply] [More]

Our college code :GN .Till now our students have Hall tickets not kept in the portal tomorrow onwards exams so please do the needful sir

Dr. K. Balaji,  
Principal,  
Avanthi Institute of Pharmaceutical Sciences,  
Gunthapally(V), Abdullapurmet(M),  
Ranga Reddy Dist.501512  
Ph: 9704755508.



*[Handwritten Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.





# M.PHARMACY I YEAR II SEM AUDIT COURSE Inbox x JNTU x



**support.registrations support.registrations** <support.registrations@jntuh.ac.in>

Wed, Dec 15, 2021, 1:13 PM

to me ▾

Respected Sir/Madam,

We would like to inform you about M.PHARMACY I YEAR II SEM AUDIT COURSE 2 . you must change the AC2 subject from **66 ENGLISH FOR RESEARCH PAPER WRITING** to any other subject (AC2) .

please solve the issue ASAP.



**AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD** <principalgn@gmail.com>

Thu, Dec 16, 2021, 1:59 PM

to support.registrations ▾

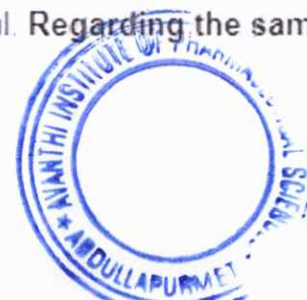
Respected sir/ Madam,

COLLEGE CODE: GN I requesting you to consider the change of Audit course2 Subject from ENGLISH FOR RESEARCH PAPER W (6612AK) to CONSTITUTION OF INDIA ( 6603AQ & 6612AQ ) in M.Pharmacy I Year II Semester. please permit the service to enter the request to resolve the above mentioned problem and do the needful. **Regarding the same letter has been submitted to you on 15 de**

...

--

**Dr. K. Balaji,**  
Principal,



**PRINCIPAL**  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Punthapally (Y), Abdullapurmet (M)  
R.R. Dist. Telangana.

975

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102

+

2...

105



# Request for B.Pharmacy I Yr I Sem late registration HALL TICKET generation F



**AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD** <principalgn@gmail.com>

Tue, Nov 15, 2022, 10

to support.registrations, cejntuh ▾

Dear Sir/Madam,

Our College Code : GN .Our one Student HALL TICKET NO: (21GN1R00A8) B.Pharmacy I Year I Sem late registration done . kept hall ticket in

portal,please do needful sir

student details:

HALL TICKET NO: 21GN1R00A8

STUDENT NAME: MOHD SOHAIL

B.PHARMACY I YR-I SEM

--

**Dr. K. Balaji,**  
**Principal,**  
**Avanthi Institute of Pharmaceutical Sciences,**  
**Gunthapally(V), Abdullapurmet(M),**  
**Ranga Reddy Dist.501512**  
**Ph: 9704755508.**



  
**PRINCIPAL**  
**AVANTHI INSTITUTE OF**  
**PHARMACEUTICAL SCIENCES**  
**Gunthapally (V), Abdullapurmet (M),**  
**R.R. Dist. Telangana.**





# PHARM-D IV YEAR SECTION INFORMATION HALL TICKET NUMBER(19GN1T0021) M REG..



**AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD** <principalgn@gmail.com>  
to support.registrations, cejntuh

Fri, Mar 24, 2023, 12:37 PM

Our college code :GN In Pharm-D IV Year section information one hall ticket number not available for uploading fort night attendance. So please adding & uploading fort night attendance .( error came in uploading) & do the needful sir

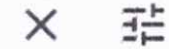
--  
**Dr. K. Balaji,**  
**Principal,**  
**Avanthi Institute of Pharmaceutical Sciences.**  
**Gunthapally(V), Abdullapurmet(M),**  
**Ranga Reddy Dist.501512**  
**Ph: 9704755508.**

One attachment • Scanned by Gmail



*[Handwritten Signature]*  
**PRINCIPAL**  
**AVANTHI INSTITUTE OF**  
**PHARMACEUTICAL SCIENCES**  
**Gunthapally (V), Abdullapurmet (M),**  
**R.R. Dist. Telangana.**

support.registrations@jntuh.ac.in



# Olr-B.Pharmacy not working for IV-II YR I MID MARKS UPLOADING REGARDS

7,975



**AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD** <principalgn@gmail.com>

Mon, Jun 26, 2023, 11:42 AM

to support.registrations, cejntuh, dejntuh

Our COLLEGE CODE:GN .B.PHARMACY OLR SITE NOT WORKING ..TODAY LAST DATE FOR UPLOADING IV-II YR I MID MARKS SO SERVICE DO THE NEEDFUL SIR.

--

805

**Dr. K. Balaji,**

102

**Principal,**

**Avanthi Institute of Pharmaceutical Sciences,**

**Gunthapally(V), Abdullapurmet(M),**

**Ranga Reddy Dist.501512**

**Ph: 9704755508.**

+

← Reply
↶ Reply all
→ Forward
😊



*[Handwritten Signature]*

**PRINCIPAL**  
**AVANTHI INSTITUTE OF**  
**PHARMACEUTICAL SCIENCES**  
 Gunthapally (V), Abdullapurmet (M),  
 R.R. Dist. Telangana.

1105





## OBSERVER MOBILE NUMBER CHANGING REG.. >



**AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD** <principalgn@gmail.com>

Tue, Sep 5, 2023, 2:27

to support.registrations, cejntuh ▾

Respected sir/ madam,

The Allotted Observer mobile number( 8179340438 ) not working . So please send user ID & password to 7569462028 this mobile nu Mrs. KAVITHA VANKUDOTH. Pan no: EPMPK7541R Please consider it and do the needful

Name -Mrs. KAVITHA VANKUDOTH.

Mob-7569462028

PAN- EPMPK7541R

JNTU ID - 6289-171213-122714

mail [id.kavithavankdoth1@gmail.com](mailto:id.kavithavankdoth1@gmail.com).

--

Dr. K. Balaji,

Principal,


Avanthi Institute of Pharmaceutical Sciences,

Gunthapally(V), Abdullapurmet(M)|

Ranga Reddy Dist.501512

Ph: 9704755508.



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



AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD  
<principalgn@gmail.com>

### Inclusion of Student Hall Ticket Number in Pharm D V year project thesis Upload 2022-reg

AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD  
<principalgn@gmail.com>

Sat, Apr 30, 2022 at 10:19 AM

To: cejntuh <cejntuh@jntuh.ac.in>, "support.registrations support.registrations" <support.registrations@jntuh.ac.in>, SDC JNTUH <jntuhcdc@gmail.com>

Dear Sir/ Madam

This is for our kind information following student hall ticket number is not there in [registrations1.jntuh.ac.in/pharmdprojectpanels](https://registrations1.jntuh.ac.in/pharmdprojectpanels) for uploading thesis for Pharm D V year . , so kindly add in that portal so that we can upload thesis before due date , she is eligible for the same , although her name is showing in Pharm D V year exam registration in olrpharm D(screen shot attached with it )

HtNo: 17Y71T0002


Name: AKULA SAI SUHITHA

Dr. K. Balaji,  
Principal,  
Avanthi Institute of Pharmaceutical Sciences,  
Gunthapally(V), Hayathnagar(M),  
Ranga Reddy Dist.501512  
Ph: 9704755508.



17Y71T0002.PNG  
143K



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





AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD  
<principalgn@gmail.com>

**B.PHARMACY I YEAR I SEM EXAMINATION REGISTRATION SERVICE REG..**

AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD  
<principalgn@gmail.com>

Thu, Mar 9, 2023 at 12:21 PM

To: "support.registrations support.registrations" <support.registrations@jntuh.ac.in>, cejntuh <cejntuh@jntuh.ac.in>

Respected sir/madam,

Our college code:GN..In B.Pharmacy I-I EXAM REGISTRATION SERVICE NOT ENABLED TILL NOW. SO PLEASE ENABLE THE SERVICE & DO THE NEEDFUL SIR.

--  
Dr. K. Balaji,  
Principal,  
Avanthi Institute of Pharmaceutical Sciences,  
Gunthapally(V), Abdullapurmet(M),  
Ranga Reddy Dist.501512  
Ph: 9704755508.



*[Handwritten Signature]*  
PRINCIPAL  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. 501512



AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD  
<principalgn@gmail.com>

### CORRECTION OF PHOTO FOR STUDENT PROFILE

AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD

Sun, Apr 16, 2023 at 2:06 PM

<principalgn@gmail.com>

To: "support.registrations support.registrations" <support.registrations@jntuh.ac.in>, cejntuh <cejntuh@jntuh.ac.in>, dejntuh@jntuh.ac.in

Respected sir,  
this is for your kind information we have uploaded wrong photo for one student (details as below) in student profile .So please kindly consider it to change the same for that student which exam is going to be start from 17th April onwards, and give permission for appearing examination to that student


Details of the student:  
NAME:PIRANGI RAJESH  
H.T.NO: 22GN1R0081  
Corrected Photo:(Attached)

—  
Dr. K. Balaji,  
Principal,  
Avanthi Institute of Pharmaceutical Sciences,  
Gunthapally(V), Abdullapurmet(M),  
Ranga Reddy Dist.501512  
Ph: 9704755508.



22GN1R0081.jpg  
400K



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





AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD  
<principalgn@gmail.com>

**PHARM-D IV YEAR SECTION INFORMATION HALL TICKET  
NUMBER(19GN1T0021) MISSING REG..**

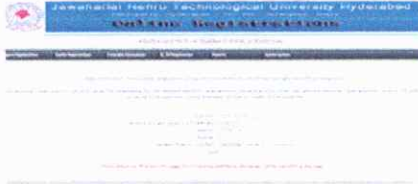
AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD  
<principalgn@gmail.com>

Fri, Mar 24, 2023 at 12:37  
PM

To: "support.registrations support.registrations" <support.registrations@jntuh.ac.in>, cejntuh <cejntuh@jntuh.ac.in>

Our college code :GN In Pharm-D IV Year section information one hall ticket number not available for uploading fort night attendance. So please give the service for adding & uploading fort night attendance .( error came in uploading).& do the needful sir

—  
**Dr. K. Balaji,**  
**Principal,**  
**Avanthi Institute of Pharmaceutical Sciences,**  
**Gunthapally(V), Abdullapurmet(M),**  
**Ranga Reddy Dist.501512**  
**Ph: 9704755508.**



PHARM-D FORT NIGHT ERROR.PNG  
226K



*[Handwritten Signature]*  
**PRINCIPAL**  
**AVANTHI INSTITUTE OF**  
**PHARMACEUTICAL SCIENCES**  
**Gunthapally (V), Abdullapurmet (M),**  
**R.R. Dist. Telangana.**



# 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.



Date: 13-09-2022

COLLEGE CODE: GN

**NAAC**

NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL  
B++ GRADE

To  
The Controller of Examinations,  
JNTUH, Kukatpally,  
Hyderabad.

Respected sir,

**SUB:** Regarding issue of P.C & CMM – Reg.

This is to inform you that the below mentioned student have passed B.Pharmacy by completing all subjects in Supplementary Exams held in Feb-2023. Please issue P.C & CMM, so that he can apply for Job.

SL. NO	HALL TICKET NO	NAME OF THE STUDENT
1	13GN1R0049	RYAGALLA SWAMY

Please do the needful.

Thanking you,



**PRINCIPAL**

- PRINCIPAL

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

*Committed to Excellence in Technical Education*





# 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.



Date: 19-08-2022

**COLLEGE CODE: GN**

**NAAC**

NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL  
B++ GRADE

To  
The Controller of Examinations,  
JNTUH, Kukatpally,  
Hyderabad.

Respected sir,

**SUB:** Regarding issue of P.C & CMM – Reg.

This is to inform you that the below mentioned student have passed B.Pharmacy by completing all subjects in Supplementary Exams held in Feb-2022. Please issue P.C & CMM, so that he can apply for Job.

SL. NO	HALL TICKET NO	NAME OF THE STUDENT
1	17GN1R0021	KAMBALAPALLY SURENDER

Please do the needful.

Thanking you,



  
**PRINCIPAL**

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



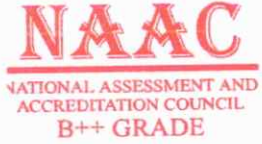
# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by PCI, AICTE & Affiliated to JNTUH)

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



Date: 21-01-23



COLLEGE CODE: GN

To  
The Controller of Examinations,  
JNTUH, Kukatpally,  
Hyderabad.

Respected sir,

**SUB:** Regarding issue of P.C & CMM – Reg.

This is to inform you that the below mentioned student have passed B.Pharmacy by completing all subjects in Supplementary Exams held in JAN-2023. Please issue P.C & CMM, so that he can apply for Job.

SL. NO	HALL TICKET NO	NAME OF THE STUDENT
1	16GN1R0004	B PRAMODH

Please do the needful.

Thanking you,



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

*Committed to Excellence in Technical Education*





# 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.



Date: 21-01-23

**NAAC**  
NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL  
B++ GRADE

**COLLEGE CODE: GN**

To  
The Controller of Examinations,  
JNTUH, Kukatpally,  
Hyderabad.

Respected sir,

**SUB:** Regarding issue of P.C & CMM – Reg.

This is to inform you that the below mentioned student have passed B.Pharmacy by completing all subjects in Supplementary Exams held in Oct-2022. Please issue P.C & CMM, so that he can apply for Job.

SL. NO	HALL TICKET NO	NAME OF THE STUDENT
1	16GN1R0038	BONGARAM RAJU

Please do the needful.

Thanking you,



*[Handwritten Signature]*

**PRINCIPAL**

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

*Committed to Excellence in Technical Education*

Compose



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More

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AICTE 1,104

### Replacement of observer for conducting Pharm.D III, IV, V Year Supply University Examinations December - 2022



**AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD** <principalgn@gmail.com>  
to support.registrations, cejntuh

Sat, Dec 17, 2022, 1:51PM ☆ 😊 ↶ ⋮

Respected sir/ madam,  
The Allotted candidate having health issue. NAGARAJU POTTAPINJARA (Pan no- CUZPP9818G)) he is unable to attend the duties. So we replacing his with Mrs. I SWATHI Pan no: AGVPI4292H Please consider it and do the needful

Name -Mrs I SWATHI.  
Mob-9502555010  
PAN- AGVPI4292H  
JNTU ID - 1865-180127-142657  
mail [id:swathimudhiraj21@gmail.com](mailto:swathimudhiraj21@gmail.com)

Dr. K. Balaji,  
Principal,  
Avanthi Institute of Pharmaceutical Sciences,  
Gunthapally(V), Abdullapurmet(M),  
Ranga Reddy Dist.501512  
Ph: 9704755508.



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



Compose



- Inbox 8,007
- Starred
- Snoozed
- Important
- Sent
- Drafts 846
- Spam 92
- Trash
- More

### Replacement of observer for conducting M.PHARMACY I,III SEM REGULAR & SUPPLY & II SEM SUPPLY UNIVERSITY EXAMS-MARCH-2023.



**AVANTHI INST OF PHARMACEUTICAL SCIENCES, HYDERABAD** <principalgn@gmail.com>

Mon, Mar 27, 2023, 10:42AM



to support.registrations, cejntuh

Respected sir/ madam,

The Allotted candidate having health issue, BOLLE SURESH KUMAR ( Pan no- CQNPB0614E).He is unable to attend the duties. So we replaced his with Mr .DHARAVATH BALU.Pan no: CNSPD5370B Please consider it and do the needful

Name - Mr DHARAVATH BALU  
 Mob-7285920438  
 PAN- CNSPD5370B  
 JNTU ID - 5206-171212-164804  
 mail [id baludaravath05@gmail.com](mailto:baludaravath05@gmail.com)

Dr. K. Balaji,  
 Principal,  
 Avanthi Institute of Pharmaceutical Sciences,  
 Gunthapally(V), Abdullapurmet(M),  
 Ranga Reddy Dist.501512  
 Ph: 9704755508.



*[Handwritten Signature]*  
 - 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.



Date: 24/09/22

**NAAC**

NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL  
B++ GRADE

**FORM - 8**

Date: \_\_\_\_\_

To  
The Director of Evaluation  
JNTUH  
Kukatpally, Hyderabad - 500085

Sir,

Sub: Issue of PC & CMM under the Tatkal scheme – Reg.  
Ref: Hall-ticket number of the candidate is 189R1R0002

With reference to the subject cited above Mr. B.MADHAVA REDDY, a student of B. Pharmacy bearing the hall-ticket number 189R1R0002 requires his PC& CMM, which enables his to go for higher studies to join in an organization. Hence you are requested to issue PC & CMM of this candidate under **tatkal scheme**.

This institute has no objection in receiving the candidate his/her PC & CMM as he has cleared all the fee dues.

Thanking you

Yours Sincerely

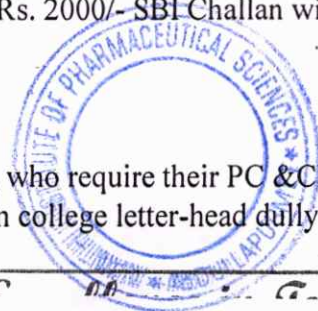
PRINCIPAL

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

Enclosure:

- 1) Details of payment of Rs. 2000/- SBI Challan with No. \_\_\_\_\_ dated \_\_\_\_\_

**INSTRUCTIONS :-** The students, who require their PC & CMM, under tatkal scheme have to submit the available application on college letter-head dully signed by Principal.



PRINCIPAL  
Avanathi 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.



Date: 17/10/22

**NAAC**

NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL  
B++ GRADE

**FORM - 8**

Date: \_\_\_\_\_

To  
The Director of Evaluation  
JNTUH  
Kukatpally, Hyderabad - 500085

Sir,

Sub: Issue of PC & CMM under the Tatkal scheme – Reg.

Ref: Hall-ticket number of the candidate is 16GN1T0014

With reference to the subject cited above Ms. Y.SANDHYA, a student of PharmD bearing the hall-ticket number 16GN1T0014 requires her PC & CMM, which enables her to go for higher studies to join in an organization. Hence you are requested to issue PC & CMM of this candidate under **tatkal scheme**.

This institute has no objection in receiving the candidate his/her PC & CMM as she has cleared all the fee dues.

Thanking you

Yours Sincerely

PRINCIPAL  
- PRINCIPAL

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

Enclosure:

- 1) Details of payment of Rs. 2000/- SBI Challan with No. \_\_\_\_\_  
dated \_\_\_\_\_

- PRINCIPAL

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


**INSTRUCTIONS :-** The students, who require their PC & CMM, under tatkal scheme have to submit the available application on college letter-head dully signed by Principal.



### List of Internal Grievances

S.No	Academic Year	Nature of Issue/Grievance	Date of Issue Raised	Date of Issue solved
1	2022-23	Seeking Permission for spelling mistake in mid marks sheet	09-06-2022	09-06-2022
2	2022-23	Seeking Permission for correction of mid marks in notice board displayed sheet	07-09-2022	07-09-2022
3	2022-23	Seeking Permission for correction of mid marks in notice board displayed sheet	10-06-2022	10-06-2022
4	2022-23	Seeking provides transport	10-09-2022	10-09-2022
5	2022-23	Seeking permission for Exam	01-11-2022	01-11-2022
6	2022-23	Seeking permission for duplicate Hall ticket	06-11-2022	06-11-2022
7	2022-23	Seeking provides transport	23-01-2023	23-01-2023
8	2022-23	Seeking provides transport	10-02-2023	10-02-2023
9	2022-23	Seeking permission for duplicate Hall ticket	12-07-2023	12-07-2023
10	2022-23	Seeking permission for mid marks re counting	02-01-2024	02-01-2024



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



Gunthapally,  
Date = 9-6-2022

To  
The Principal,  
Avanthi Institute of Pharmaceutical Sciences,  
Gunthapally.

Subject = Mistake in the mid marks list which  
is displayed on noticed board

Respected Sir,

I am G. Suraj Kumar PharmD IV<sup>th</sup>  
year Roll no = 206NIT0002 I am having  
My. There is a mistake in my name which  
printed in mid marks list so I request  
you to correct my spelling in mid marks list  
which is displayed on notice board.

THANKING YOU

Yours Faithfully

G. Suraj Kumar.

Roll no = 206NIT0002



Exam Board

- PRINCIPAL

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

Date:- 7-9-2022

To,  
The principal,  
Avanthe institute of pharmaceutical sciences,  
Gunthapally,  
Hyderabad.

sub:- Mid marks counting Regarding.

I A. Sathwika from B. Pharm IV year  
Roll.No:- 206NIR0002. I am writing this letter because  
of my marks are mistaken in the notice board  
when compared with my mid marks. So, I'm kindly  
requesting you to recount my marks, so please correct it.

Thanking you sir.

Yours obediently  
A. Sathwika  
206NIR0002.

HOD  
G. Sathwika

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





Date 10-6-22  
Place Gunthapally.

To,  
The Principal sir,  
Avanathi Institute of Pharmaceutical Sciences,  
Gunthapally,

Subt Mistake in the mid marks which is  
displayed in the notification board.

This is B. Santhosh from B-Pharm, III-year  
Roll. No - 21GNIR0024. My marks are mistaken in the  
notification board as compared to my mid exam  
papers. These marks will be considered in the JNTUH  
sem exams. So, I kindly request to change my  
marks in notification board as possible as soon.

Thanking You,

Yours faithfully

B. Santhosh

Roll. No - 21GNIR0024

HOD/  
Exas Branch  
M. do he ready

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



LETTER

Date: 10-09-2022

TO,

The principal sir,

Avanathi Institute of pharmaceutical science  
Gunthapally

Respected Sir,

Subject:- Seeking permission to travel in college bus at the time Semesters.

I am patel venkatesh Roll NO: 18GNIR0061.  
I want to travel in college bus to write final Semesters due to long distance of travel

So, I am requesting you to give me permission to travel in college bus.

Thank you.

yours faithfully  
Patel venkatesh

18GNIR0061  
IV - II Semesters

Permitted order  
to Transport I/c

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





Letter.

11/11/2022  
Gunthapally,

To  
The principal Sir  
Avanthi Institute of Pharmaceutical Sciences.  
Gunthapally.

Respected sir:

Subject: Late Commencing to Mid

I am Erojula Avinash, Roll no  
19GN1R0016, I want to come <sup>5 min</sup> late to Mid exams so  
Request you to allow me to attend Exam

So, I am Requesting you to give me  
permission to attend exams.

Thank you,

Yours faithfully.

Erojula Avinash

19GN1R0016

Permitted

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



Date:- 6-11-2022  
Gunthapally

To  
The Principal Sirs  
Avanathi Institute of Pharmaceutical Sciences  
Gunthapally

Subject:- Seeking permission for duplicate hall ticket

Respected Sirs

I am Kagula Radhika, roll no:-  
21G11R0021. As I lost my hall ticket, so please  
grant me a duplicate hall ticket.

So I am requesting you to give me permission  
for a duplicate hall ticket.

Thanking you

Yours faithfully

Kagula Radhika

21G11R0021

~~3~~ III - II



A.O / Exam Board  
P. do te ready

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



To,  
The Principal,  
Avanti Institute of Pharmaceutical Sciences,  
Guntapally.

Date  
Place

Sub:- Request letter for transfer in bus.

Respected Sir,

I am Thalapally Sai Kiran Roll No. 18GN1R0042. I am request to you please provide bus transfer for Exam centre at my Extended Exams. So please give the information to the bus transfer incharge.

Thanking you's Sir.

what to  
spat incharge

- PRINCIPAL  
Avanti Institute of Pharmaceutical Sciences  
Hayath Nagar (M),  
Anga Reddy Dist.



Yours faithfully,  
T. Sai Kiran.  
18GN1R0042

To,  
The Principal sir,  
Avanathi Institute of Pharmaceutical Sciences  
Gunthapally.

Respected sir

Subject: Seeking permission to travel in college bus

I am Thalapally Sai Kiran Roll no. 18GN1R0042 IV-II Sem  
I want to travel in college bus to write final semester  
due to long distance of travel  
So I am requesting you to give me permission to travel in  
college bus.

Thanking you

Yours faithfully  
Thalapally Sai Kiran  
18GN1R0042  
IV-II Semester



PRINCIPAL  
of Pharmaceutical Sciences  
(V), Hayath Nagar (M),  
Ra Reddy Dist.



Letter

Date 12/07/23

To

Exam branch

Avanthi Institute of pharmaceutical science  
Gunthapally.

Respect sir.

Subject - Allotment of duplicate hall ticket for  
upcoming exam.

I am S. Lavas of pharma D III<sup>th</sup> year roll no +  
206N1T0028. I have misplaced & lost my hall ticket  
for final examination. As I have to appear in my  
examination, I required to a duplicate hall ticket

so I am required you to please give me  
another hall ticket.

Thanking you

Exam Branch

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



Yours faithfully

S. Lavas

206N1T0028

Date :- 02/01/2024  
Gunthapally

TO  
The principle,  
Avanathi Institute of Pharmaceutical Sciences,  
Gunthapally

Respected sir

Subject :- Mistake in mid marks counting

I am B. Manicka of pham-D 1st year enrolled  
with 23GNIT0004. Sir there is a mistake in my mid marks  
counting, so please make it correct and give as soon  
as possible

Thanking you

HOD / Exam Branch

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



Yours faithfully,  
B. Manicka  
23GNIT0004





## CIRCULAR

The undersigned is organizing a meeting for all the members of Examinations and Evaluation Committee on 23 July at 2.30 pm in the college Conference hall to discuss the following points mentioned in the agenda.


Agenda:

- Discussion on conduction of I-II, II-II, III-I, IV-I internal and external examinations.
- Examination Circulars issued by JNTU-H.
- Issue of duplicate Hall ticket for External Examination.
- Any other points with the permission of the chairman.

Copy to:

1. Principal office
2. All the members of Examinations and Evaluation Committee.
3. Office



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



## Minutes of Meeting

Examinations and Evaluation Committee meeting is conducted for the Academic year 2022-23 on 23 July at 2:30 p.m. in the Conference Hall to look into the complaints lodged by the students and to resolve such issues in the college.

### Review of Action Taken:

Committee issued instructions to the concerned departments.

- **Item1**-Discussiononconductionof II-II,III-II,IV-II internal and external examinations.  
**Resolution-In** the wake of examinations, it was informed to all the faculty members to ensure that the students are completely prepared with their laboratory records, assignment books in time and to make students thorough to write their exams well.
- **Item2**-ExaminationCircularsissuedbyJNTU-H.  
**Resolution-All** the faculty members are informed to display on the notice board the timetables and the notifications issued by the university from time to time. The faculty members were also informed to take necessary steps for the smooth conduct of the examinations.
- **Item3**-Re-ConductingofMidExamination.  
**Resolution-Resolution** As per the instructions given by the university, the members of the committee were against the violation of University norms and strictly informed the faculty members not to re-conduct the Internal Exams under any circumstances.
- **Item4**-ConsiderationoflatecomersforInternalExamination.  
**Resolution-** The College adheres to the university guidelines regarding the conduct of examinations .No late comer will be allowed to appear for the Internal examinations.
- **Item5**-Issue of duplicate Hall ticket for External Examination.  
**Resolution-It** was decided by the committee members and the same was conveyed to the examination cell to issue duplicate hall tickets to the needed student(s).



  
**PRINCIPAL**  
AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist. Telangana.





## CONSTITUTION OF EXAMINATION COMMITTEE


Avanthi Institute of Pharmaceutical Sciences has constituted an examination committee to conduct examinations. The committee focuses on making policy decisions in regard to organizing and holding examinations, improving systems of examinations, moderations etc. and also preparing a schedule of internal examinations.

The examination committee deals with all the issues in relation to examinations and hears the complaints received pertaining to any subject arising out of the conduct of examinations and decides the course of action.

Examination committee has been constituted for the academic years 2022-23 as follows:

S.NO	FACULTY NAME	DESIGNATION	RESPONSIBILITY
1	Dr. K.BALAJI	Principal	Chair Person
2	Mr. P.NAGARAJU	Exam Branch Incharge-I	Convener
3	Mr. LAXMI KANTHA RAO.	Exam Branch Incharge-I	Member
4	Dr. NIHAR RANJAN DAS	Associate Professor	Member
5	Dr. M.RAMA KRISHNA	Associate Professor	Member
6	Dr. B.MANJULA	Associate Professor	Member
7	Dr.SAI KIRAN	Associate Professor	Member
8	Mrs. P. LAVANYA	Associate Professor	Member



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



## Functions of the Committee:

1. Collecting question banks for all the subjects within 2 weeks from the commencement of semester.
2. Computation of total requirement of invigilators for each examination.
3. Seating arrangements for internal and external examinations.
4. Conduct of external examinations (theory and practical)
5. Arranging dispatch of Answer Scripts bundles to JNTUH University.
6. Arranging required number of subject experts for evaluation at JNTUH University.
7. Downloading of question papers from university /external experts and printing, ensuring confidentiality.
8. Preparation of Result Analysis.
9. To interact with University for exam related works.
10. Preparation of remuneration bills of invigilators, examiners (Internals as well as External).
11. To review from time to time, the results of end semester examinations and forward Reports there on to the Principal.

Copy to:

1. kind information All HOD, s
2. All the committee members
3. Office



PRINCIPAL

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AVANTHI INSTITUTE OF  
PHARMACEUTICAL SCIENCES  
Gunthapally (V), Abdullapurmet (M),  
R.R. Dist., Telangana.