



Viswambhara Educational Society
VAAGDEVI PHARMACY COLLEGE

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P.O.BOLLIKUNTA, WARANGAL-506 005(Telangana State)

2.2.1. The institution assesses the learning levels of the students, after admission and organizes programs for advanced learners and slow learners

Mechanism to identify slow learners

The institution evaluates learning levels of newly joined students at the start of classes. Based on their +2 marks, students enrolled are classified as slow or advanced learners. The identification of slow learners for other students and designing customized tutorial sessions are organized based on the feedback provided by the mentors. The mentors of the individual classes provide valuable assistance in classifying students through reports based on observation and class examinations. Furthermore, the variety of continuous assessment components, such as Daily Assignments, Seminars and Group Discussions, Additional Assignments, Quizzes, Class Tests, Projects, Internships, Viva-voce examinations, and attendance, allows for effective measurement of students' learning levels. Slow learners are also recognized based on their performance in the preceding semester's university assessments and internal examinations. Furthermore, teacher-student interactions, Class Committee reports, and Proctorial meetings aid in the identification of different levels of learners. Faculty members and other committees examine students' academic progress on a regular basis and advise them on how to enhance their performance in order to assure their academic progression. Aside from that, activities are incorporated to instil a positive attitude and a competitive spirit. This procedure serves as a foundation for tracking the student's future progress.

Measures taken for improving academic performance of these students

- Remedial/ Extra classes are conducted with appropriate focus on the subject/ topics in which the students are found to be slow learners
- Individual academic counseling is done by concerned subject teacher.
- Group discussions were conducted with the advanced learners for better understanding
- Personal counseling is done through mentoring scheme which takes care of the students.

The mentors maintain the entire academic record of the student which is also conveyed to

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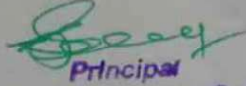
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the parents time to time by the mentor.

- Through a mentor-mentee system, all kinds of support are provided to the slow learners.
- The strenuous efforts taken by the faculty towards the slow learners has resulted in student's understanding in their chosen domain, improved results.
- The mentor also identifies other skills and strengths and encourages them to hone them which helps build self-confidence resulting in improvement in academic performance also.
- The mentor takes extra effort to understand the socio-economic backgrounds also which is sometimes a reason for poor performance.
- All necessary emotional and professional counselling is also provided whenever required.
- The mentor also connects the weak learners for the subject teachers with whom they are comfortable for extra support. The Institute ensures that a slow learner clears all his courses within stipulated




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TIME TABLE FOR REMEDIAL CLASSES

Time: 4.00 PM to 5.00 PM

| Day | B. Pharm- II yr | B. Pharm- III yr | B. Pharm- IV yr |
|-----------|--|--|---|
| Monday | Physical Pharmaceutics- 1 (Dr. P. Srikanth) | Medicinal Chemistry- II (Dr. Ch. Mahesh) | Instrumental Methods of Analysis (Dr. P. Vivek Sagar) |
| Tuesday | Pharm. Organic Chemistry (Mr. R. Vijay Kumar) | Industrial Pharmacy (Mr. S. Kumara Swamy) | Industrial Pharmacy- II (Dr. P. Srikanth) |
| Wednesday | Pharm. Engineering (Mrs. D. Radhika) | Pharmacology- II (Dr. T. Ravi Chander) | Novel Drug Delivery Systems (Mr. R. Shiva Kumar) |
| Thursday | Pharm. Engineering (Mrs. D. Radhika) | Pharmacology- II (Dr. T. Ravi Chander) | Novel Drug Delivery Systems (Mr. R. Shiva Kumar) |
| Friday | Pharm. Organic Chemistry (Mr. R. Vijay Kumar) | Industrial Pharmacy (Mr. S. Kumara Swamy) | Industrial Pharmacy- II (Dr. P. Srikanth) |
| Saturday | Physical Pharmaceutics- 1 (Dr. P. Srikanth) | Medicinal Chemistry- II (Dr. Ch. Mahesh) | Instrumental Methods of Analysis (Dr. P. Vivek Sagar) |



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TIME TABLE FOR REMEDIAL CLASSES

Time: 4.00 PM to 5.00 PM

| Day | Pharm. D- II yr | Pharm. D - III yr | Pharm. D - IV yr |
|-----------|---|---|---|
| Monday | Pathophysiology (Dr. Ch.Satish) | Medicinal Chemistry (Dr. Ch.Maahesh) | Pharmacotherapeutics-III (Dr. CH.Tejaswi) |
| Tuesday | Pharmacotherapeutics-I (Dr. M.Sandeep) | Pharmaceutical Analysis (Dr P.Vivek Sagar) | Hospital Pharmacy (R.Shiva kumar) |
| Wednesday | Pharmacology-I (Dr .T.Ravi chander) | Pharmacotherapeutics-II (Dr .A.Gouthami) | Clinical pharmacy (Dr.. A.Gouthami) |
| Thursday | Pathophysiology (Dr. Ch.Satish) | Medicinal Chemistry (Dr. Ch.Maahesh) | Clinical Toxicology (Dr. Ch.Satish) |
| Friday | Pharmacotherapeutics-I (Dr. M.Sandeep) | Pharmaceutical Formulations (S.Kumara Swamy) | Pharmacotherapeutics- III (Dr. CH.Tejaswi) |
| Saturday | Pharmacology-I (Dr .T.Ravi Chander) | Pharmacology-II (Dr. Ch.Satish) | Clinical Toxicology (Dr. M.Sandeep) |




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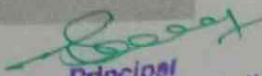
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Medicinal Chemistry 3rd year 1st sem

1. write the Synthesis of Diphenhydramine hydrochloride
2. write the structure of H₁-antagonist
3. write the Synthesis of Cimetidine.
4. write the structure of Alkylating agents and Synthesis of Mercaptopurine
5. write the Synthesis of Nitroglycerin.
6. classify the diuretic drugs and write the structure of diuretic
7. write the following structure and identify the class of drug
(a) clonidine
(b) Lovastatin
(c) Amiloride
8. write the Synthesis of Disopyramide phosphate
9. classify the Coagulant and Anticoagulant drugs and write the Synthesis of warfarin.
10. classify the Thyroid and antithyroid drugs.
11. write a SAR of local anesthetic drugs
12. write the Synthesis of Benzocaine
13. write the Synthesis of Dibucaine
14. classify the antidiabetic agents
15. write the Synthesis of procaine & also use of procaine.




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Industrial Pharmacy 3rd year 1st sem

1. write a brief note on physicochemical properties of drug substances
2. write the chemical properties of drug substances
3. write the classification of Tablets
4. Discuss about Tablets, excipients.
5. Discuss about Tablet Coating, & classify type of Coating.
6. write a brief note on quality control test.
7. write a short note on liquid orals
8. Discuss about granulation method of tablet preparation
9. Explain about extraction of gelatin and production of hard gelatin capsule shells
10. Discuss pelletization process of pellets
11. write the equipments for manufacture of pellets
12. write the difference between hard gelatin capsule and soft gelatin capsule.
13. In write the Introduction of parenteral preparation and write advantages and limitations.
14. Discuss formulation of injections.
15. formulation and preparation of following cosmetic preparations:
 - (A) Lipsticks
 - (B) Shampoo.
 - (C) Vanishing cream
 - (D) Sunscreens.



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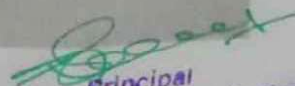
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pharmacology 3rd year stream

1. Discuss use of atorvastatin in hyperlipidaemia
2. classify anti-arrhythmic drugs
3. Discuss drug used in congestive heart failure
4. write the classification of anti-anginal drugs
5. write a short note on drug used in the therapy of shock
6. explain the introduction of antacids and classification
7. classify NSAID & discuss MOA of aspirin
8. explain pharmacological action of histamine
9. classify anti-platelet agents and discuss mechanism of action of ticlopidine
10. explain mechanism of action and therapeutic uses of heparin
11. elaborate DMARDs
12. Discuss pharmacological actions of prednisolone
13. elaborate therapeutic uses & side effect of mineralocorticoids
14. elaborate oral contraceptive in detail
15. explain bioassay of tuberculin




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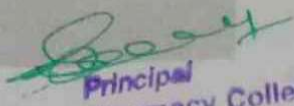
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physical pharmaceutics 2nd year 1st sem

1. - Explain latent heats, vapour pressure, eutectic mixture and relative humidity
2. write the principle and method of determination of retraction index.
3. write the quantitative approach to the factors influencing solubility of drugs.
4. write about distribution law, its limitations and applications.
5. Describe physicochemical properties of drug molecules.
(a) dipole moment.
(b) dissociation constant
(c) Retraction Index
6. write a short note on critical solution temperature & applications.
7. write two methods for its limitations and applications determination of particle size.
8. Explain buffer and isotonic solution.
9. How to determine average particle size, number and weight distribution and particle number.
10. write the classification of complexation and explain one method in detail.
11. write a detailed note on different buffers used in pharmaceutical and biological system & their applications.
12. write the crystalline structure of complex & explain about thermodynamic treatment of stability constant.




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pharmaceutical engineering ^{2nd year 1st term}

1. Explain Bernoulli's theorem
2. write brief note on resonators and types
3. Give the principle, construction, working and application of ball mill, fluid energy mill
4. Merit and demerits of hammer mill and end runner mill
5. Give the principle, construction, working and application of crystals crystallizer
6. Explain multiple effect evaporator in detail
7. write the principle, working, construction and use of air separator, and sieve shaker
8. write merits and demerits of bag filter and elutriation tank.
9. write the factors affecting solid mixing and liquid mixing and mechanism.
10. Explain the theory involved and mechanism involved in drying.
11. write distillation equipment used for preparation of water of infection.
12. Explain perforated basket centrifuge equipment in detail
13. Write Merits and demerits of plate and flame and filter
14. Define hazards. Give the type of hazards along with their sources and prevention.




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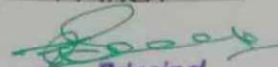
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D-2 organic chemistry 2nd year
1st sem

1. Explain the Evidence in the desolvation of structure of benzene by analytical method.
2. Explain the Effect of substituent on reactivity and orientation of mono substituted benzenes against its characteristic reactions.
3. Explain the acidity constant of phenols.
4. Write a brief note on the qualitative tests for phenols.
5. How do you prepare aryl diazonium salts?
6. Write in detail the synthetic applications of aryl diazonium salts with examples.
7. Write a note on the reactions of fatty acids by taking an example.
8. What are polynuclear hydrocarbons?
9. Write the synthesis and reactions of anthracene.
10. Write a note on few of the reactions of cyclopropane and cyclobutane.
11. Write the structure and medicinal uses of Naphthalene, Diphenylmethane.
12. Write a short note on Baeyer's strain theory.
13. Write a brief note on Sachse Mohr's Theory.
14. Write the principle of acid value and analytical constants.




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Remedial classes for the slow learners



Singaram, Telangana, India
VJR2+2PR, Singaram, Telangana 506005, India
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Long 79.601916°



Singaram, Telangana, India
VJR2+2PR, Singaram, Telangana 506005, India
Lat 17.890199°
Long 79.601919°



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Group discussion with advanced learners



Advanced Learners:

- Advanced learners are given numerous opportunities to expand their knowledge and abilities.
- Participants are encouraged to attend and deliver papers at various seminars, conferences, workshops, and intercollegiate contests.
- They are encouraged to participate in extracurricular activities such as debates, problem solving, and experiential learning and so on.
- Guiding and encouraging to communicate research papers in conferences/Journals
- Guiding students for the GPAT/Competitive Examinations.
- Help in career planning.



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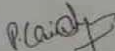
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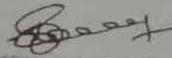
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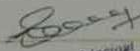
PROGRAMME

This is to certify that Mr/Ms M. Poojitha of B. Pharm /
Pharm.D/ M. Pharm has successfully completed the certificate course
on " TRAINING ON ANALYTICAL INSTRUMENTS " organized by
Dept of Pharmaceutical analysis from 02/02/21 to 06/02/21.

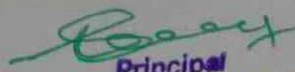

Dr. Ch. Mahesh
(Co-ordinator)


Dr. P. Vivek Sagar
(Head of the Department)


Dr. G. Kamal Yadav
(Principal)


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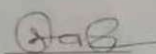
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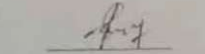


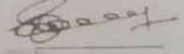
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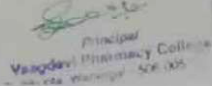
CERTIFICATE PROGRAMME

This is to certify that Mr/Ms Dr. Prakash Kumar of B. Pharm /
 Pharm.D/ M. Pharm has successfully completed the certificate course
 on "TABLET MANUFACTURING & TABLET TOOLING" organized by
 Dept of Pharmaceutics from 6/10/20 to 10/10/20.


 Mr. P. Srikanth
 (Co-ordinator)


 Mr. S. Kumara Swamy
 (Head of the Department)


 Dr. G. Kamal Yadav
 (Principal)

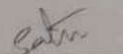

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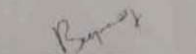


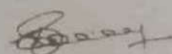
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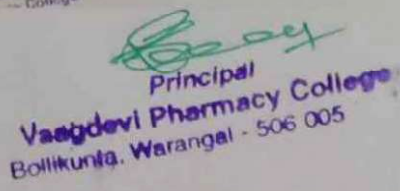
This is to certify that Mr/Ms D. Bhaskar of B. Pharm /
 Pharm.D/ M. Pharm has successfully completed the certificate course
 on "GOOD CLINICAL PRACTICES IN CLINICAL RESEARCH" organized by
 Dept of Pharmaceutics from 18/02/20 to 22/02/20.


 Dr. Ch. Satish
 (Co-ordinator)


 Dr. B. Chandra Shekar
 (Head of the Department)


 Dr. G. Kamal Yadav
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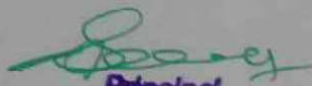


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This is to certify that Mr/Ms V. SACHANA Bearing _____
of B. Pharm / Pharm.D/ M. Pharm has successfully completed the certificate
course on "HIGH PERFORMANCE LIQUID CHROMATOGRAPHY(HPLC)
HANDS ON PRACTICE" organized by Dept of Pharmaceutical
analysis from 22/02/19 to 27/02/19


Dr. P. Vivek Sagar
(Co-ordinator)


Dr. C. Kamal Yadav
(Principal)

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


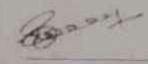
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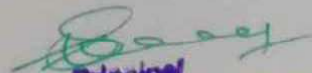
This is to certify that Mr/Ms G. SATHISH of B. Pharm /
Pharm.D/ M. Pharm has successfully completed the certificate course on
"STANDARDIZATION OF HERBAL DRUGS" organized by Dept
of Pharmacognosy from 19/10/2016 to 24/10/2016


Mrs. M. Swapna Reddy
(Co-ordinator)


Dr. C. Kamal Yadav
(Principal)

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