



Viewambhara Educational Society
VAAGDEVI PHARMACY COLLEGE

Approved by AICTE, PCI-New Delhi & Affiliated to JNTUH
P.O.BOLLIKUNTA, WARANGAL-506 005(Telangana State)

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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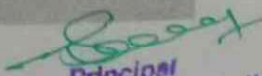
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Medicinal Chemistry 3rd year 1st sem

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 oral
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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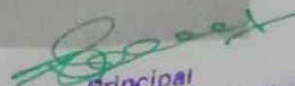
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pharmacology 3rd year stream

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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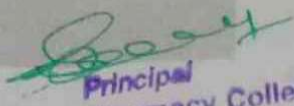
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physical pharmaceutics 2nd year 1st sem

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 causes and prevention.




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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



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Long 79.601916°



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



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