

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

AY: 2023-2024

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

Criterion 1- Curricular Aspects

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1

Curricular Planning and Implementation



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

The institution ensures effective curriculum planning and delivery through a well planned and documented process including academic calendar and conduct of continuous internal assessment

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1 Consolidated Report



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

Criterion 1- Curricular Aspects


1.1 Curricular Planning and Implementation

- 1.1.1 The institution ensures effective curriculum planning and delivery through a well planned and documented process including Academic calendar and conduct of continuous internal Assessment

CONSOLIDATED REPORT

S.NO	CONTENT
1.	Curriculum delivery
2.	Time tables
3.	Academic Planner program wise
4.	Academic Reports program wise
5.	Attendance registers
6.	Laboratory records
7.	Requisition letters to industry for training
8.	NOC for internship students
9.	Pharm. D clinical posting schedules
10.	College academic Committee MOM




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

The Institution is affiliated to JNTUA, Anantapuramu, Andhra Pradesh, the institution follows the academic regulations, programme structure and syllabus as prescribed by the University. Annual calendar and certification are done as per University norms, while the programme content and evaluation procedure are authorized by the regulatory body - PCI, Pharmacy Council of India. The Institution offers programmes in B. Pharm, PharmD and M. Pharm in four different specialisations such as Pharmaceutics, Industrial Pharmacy, Pharmaceutical Analysis and Pharmacology. To facilitate more efficiency in services in all programs, the Institution runs under the departments enlisted: Pharmacology, Pharmaceutics, Pharmaceutical Analysis, Industrial Pharmacy, Pharmaceutical Chemistry, Pharmacognosy, Pharmacy Practice and Science & Humanities. Curriculum is divided Semester wise for B. Pharmacy and M. Pharmacy program whereas PharmD is under annual system. For the effective implementation, the following steps are adopted by the Institution:

Pre-Planning:

1. Class wise time tables were prepared by the institution as per the academic calendar released by JNTUA, Anantapuramu, allocating the required number of classes to the faculty course-wise.
2. Lesson plans, teaching plans, number of teaching periods were prepared course-wise.
3. List of reference books were prepared at the beginning of each academic year.
4. Syllabus copies and Question banks of Semester End and Annual Examinations were maintained in the College Library.
5. Institutional Committees were formed to monitor various activities of the Institution.


PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.





SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

Implementation:

1. Programme wise Academic Calendars and class time tables are displayed in every classroom.
2. Effective delivery of the content is ensured through various teaching tools and modes of instruction, ICT enhanced teaching is encouraged.
3. Implementation of curriculum as per the academic schedule is recorded in the teaching notes and attendance registers, which are submitted to the Principal on a regular basis.
4. Mentor-mentee list is framed.
5. Student performance is evaluated regularly and continuously through class tests, assignments and mid-examinations.
6. Practical sessions focus on hands-on experience.
7. Lab records and performance are continuously assessed.
8. Syllabus completion is done on time, with sufficient time for revision.
9. Assessment and evaluation are done based on attainment between CO & PO.
10. In addition to the curriculum given by the affiliating University, the institution also conducts Certificate / Add-on programs to fill the gap between industry and academia.
11. Eminent academicians and industry associated experts are invited for Guest lectures/ Seminars/ Workshops/ Conferences.
12. Research culture is encouraged and Innovation Cell is initiated to promote the organization of research activities in the organisation.

Regular Review and Action:

1. Academic Planning and Implementation Committee conducts class-wise meetings with mentors and subject teachers, the Minutes are documented.
 2. A review of student attendance and performance is conducted by the Principal.
 3. In case of any deviation, remedial actions and improvement strategies are formulated.
 4. Feedback from faculty and students at the end of every Semester is analyzed for further improvement.
- Institution aims to achieve academic excellence and professional competency by the effective planning and implementation of the curriculum as per the guidelines of AICTE, PCI and JNTUA.




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1 Curriculum Delivery



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

SANTHIRAM COLLEGE OF PHARMACY

CURRICULUM DELIVERY

JNTUA UNIVERSITY ANANTAPURAMU

ACADEMIC CALENDARS & SYLLABUS/CURRICULUM

IMPLEMENTATION OF CURRICULUM THROUGH
ACADEMIC PLANNING COMMITTEE

B.PHARMACY M.PHARMACY M.PHARMACY M.PHARMACY M.PHARMACY PHARM.D
Pharmaceutics Industrial Pharmaceutical Pharmacology

CURRICULUM DELIVERY

- LESSON PLANS / CO-PO MAPPING
- IDENTIFICATION OF SLOW LEARNERS AND ADVANCED LEARNERS
- TUTORIAL AND REMEDIAL CLASSES FOR SLOW LEARNERS
 - COACHING CLASSES FOR HIGHER EDUCATION
 - STUDENT FEEDBACK AND NECESSARY ACTION
- CERTIFICATION PROGRAMS, VALUE ADDED PROGRAMS, GUEST LECTURES, SEMINARS, WORKSHOPS, CONFERENCES AND OTHER ACADEMIC PROGRAMS




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

Time Tables



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL											
TIME TABLE FOR B.PHARM I SEM AY: 2023-24											
Course: B. Pharm				Year: I		Sem: I		Sec-A		C.I: Mr. B. V. Ramana	
Day	9.00-9.30	9.30-10.00	10.00-10.30	11.40-12.00	LUNCH BREAK	1.30-2.00	2.20-2.50	3.20-3.50	Subject	Theory	Lab
Mon	CAP	L.I.B	B.Chem	HAP-II		ES	POC-I	B.Chem	HAP-I	B.V.Ramana	& K.Bloazy
Tue	HAP-II	B.Chem	L.I.B	POC-I		Patha	PET		PA-I	R.Naqoruoer	R.Naqoruoer
Wed	Patha	CAP	HAP-II	B.Chem		ES	POC-I	CAP	P.Cae-I	S.Jyathi	S.Jyathi
Thu	A-HAP-II[L-9] & B-B.Chem[L-12]		Patha			ES	Patha	HAP-II	PIOC	S.Rukar	S.Rukar
Fri	A-POC-I[L-11] & B-HAP-II[L-9]		CAP			Patha	ES	POC-I	CS	S.Babu	S.Babu
Sat	A-B.Chem[L-12] & B-POC-I[L-11]		ES			POC-I	HAP-II	Patha	R.Maths	R.Jameela	-
Course: B. Pharm				Year: I		Sem: I		Sec-B		C.I: Mr. S. Parveen	
Day	9.00-9.30	9.30-10.00	10.00-10.30	11.40-12.00	LUNCH BREAK	1.30-2.00	2.20-2.50	3.20-3.50	Subject	Theory	Lab
Mon	A-POC-I[L-11] & B-HAP-II[L-9]		HAP-II			ES	POC-I	Patha	HAP-I	S.Parveen	& B.Bharqavi
Tue	A-HAP-II[L-9] & B-B.Chem[L-12]		POC-I			CAP	Patha	HAP-II	PA-I	R.Naqoruoer	R.Naqoruoer
Wed	A-B.Chem[L-12] & B-POC-I[L-11]		B.Chem			HAP-II	PET		P.Cae-I	S.Jyathi	S.Jyathi
Thu	HAP-II	CAP	ES	Patha		B.Chem	L.I.B	POC-I	PIOC	S.Riswana	S.Riswana
Fri	POC-I	HAP-II	CAP	B.Chem		Patha	ES	B.Chem	CS	S.Babu	S.Babu
Sat	CAP	POC-I	L.I.B	Patha		B.Chem	ES	CAP	R.Maths	R.Jameela	-
Course: B. Pharm				Year: II		Sem: I		Sec-A		C.I: Mr. S. Rukar	
Day	9.00-9.30	9.30-10.00	10.00-10.30	11.40-12.00	LUNCH BREAK	1.30-2.00	2.20-2.50	3.20-3.50	Subject	Theory	Lab
Mon	A-POC-II[L-12] & B-PP-I[L-5]		UHV			Ph.Eng	POC-II	PP-I	POC-II	S.Rukar	S.Rukar
Tue	A-PP-I[L-5] & B-POC-II[L-12]		POC-II			Micro	PP-I	POC-II	PP-I	K.Diya	K.Diya
Wed	Ph.Eng	PP-I	L.I.B	Ph.Eng		PP-I	POC-II	Micro	Micro	N.Srinivar	N.Srinivar
Thu	Micro	Ph.Eng	L.I.B	PP-I		UHV	PET		Ph.Eng	S.Surhma	S.Surhma
Fri	UHV	Micro	Ph.Eng	UHV		A-P.Micro[L-1] & B-P.Eng[L-5]			UHV	T.Sailaja	-
Sat	Ph.Eng	POC-II	UHV	Micro		A-P.Eng[L-5] & B-P.Micro[L-1]					
Course: B. Pharm				Year: II		Sem: I		Sec-B		C.I: Mr. G.M. Barha	
Day	9.00-9.30	9.30-10.00	10.00-10.30	11.40-12.00	LUNCH BREAK	1.30-2.00	2.20-2.50	3.20-3.50	Subject	Theory	Lab
Mon	Ph.Eng	PP-I	Micro	POC-II		A-P.Micro[L-1] & B-P.Eng[L-5]			POC-II	G.M.Barha	G.M.Barha
Tue	Micro	PP-I	POC-II	Micro		A-P.Eng[L-5] & B-P.Micro[L-1]			PP-I	G.Korhavulu	G.Korhavulu
Wed	A-PP-I[L-5] & B-POC-II[L-12]		Ph.Eng			Micro	UHV	Ph.Eng	Micro	K.Maharuari	K.Maharuari
Thu	A-POC-II[L-12] & B-PP-I[L-5]		UHV			Ph.Eng	Micro	PP-I	Ph.Eng	S.Surhma	S.Surhma
Fri	POC-II	UHV	Ph.Eng	PP-I		UHV	L.I.B	POC-II	UHV	T.Sailaja	-
Sat	PP-I	L.I.B	POC-II	Ph.Eng		UHV	PET				
Course: B. Pharm				Year: III		Sem: I		Sec-A		C.I: Mr. S. Rukar	
Day	9.00-9.30	9.30-10.00	10.00-10.30	11.40-12.00	LUNCH BREAK	1.30-2.00	2.20-2.50	3.20-3.50	Subject	Theory	Lab
Mon	P.Jurir	IP-I	P.Caq-II	MC-II		IP-I	PET		MC-II	N.Subbaiah	-
Tue	P.Caq-II	L.I.B	P.Cal-II	P.Cal-II		P.Jurir	IP-I	MC-II	IP-I	K.Diya	K.Diya
Wed	IP-I	P.Cal-II	P.Caq-II	P.Cal-II		MC-II	P.Cal-II	P.Jurir	P.Cal-II	V.Saraja	& G.Triveni
Thu	A-IP-I[L-4] & B-P.Cal-II[L-8]		IP-I			MC-II	P.Jurir	P.Caq-II	P.Caq-II	S.V.Surorh	S.V.Surorh
Fri	A-P.Caq-II[L-3] & B-IP-I[L-4]		P.Jurir			IP-I	MC-II	P.Caq-II	P.Jurir	B.Bharqavi	-
Sat	A-P.Cal-II[L-8] & B-P.Caq-II[L-3]		P.Caq-II			MC-II	P.Cal-II	P.Jurir			
Course: B. Pharm				Year: III		Sem: I		Sec-B		C.I: Mr. S. Rukar	
Day	9.00-9.30	9.30-10.00	10.00-10.30	11.40-12.00	LUNCH BREAK	1.30-2.00	2.20-2.50	3.20-3.50	Subject	Theory	Lab
Mon	A-IP-I[L-4] & B-P.Cal-II[L-8]		MC-II			P.Cal-II	P.Caq-II	IP-I	MC-II	N.Subbaiah	-
Tue	A-P.Caq-II[L-3] & B-IP-I[L-4]		P.Cal-II			P.Jurir	MC-II	IP-I	IP-I	K.Diya	K.Diya
Wed	A-P.Cal-II[L-8] & B-P.Caq-II[L-3]		P.Jurir			P.Caq-II	P.Cal-II	IP-I	P.Cal-II	V.Saraja	& G.Triveni
Thu	P.Jurir	MC-II	P.Caq-II	IP-I		MC-II	PET		P.Caq-II	S.V.Surorh	S.V.Surorh
Fri	IP-I	P.Cal-II	P.Jurir	P.Caq-II		MC-II	L.I.B	P.Cal-II	P.Jurir	B.Bharqavi	-
Sat	P.Jurir	P.Caq-II	P.Cal-II	IP-I		P.Cal-II	P.Jurir	MC-II			
Course: B. Pharm				Year: IV		Sem: I		Sec-A		C.I: Mr. K. Sampath Kumar	
Day	9.00-9.30	9.30-10.00	10.00-10.30	11.40-12.00	LUNCH BREAK	1.30-2.00	2.20-2.50	3.20-3.50	Subject	Theory	Lab
Mon	A-IMA[L-2] & B-Seminar		IMA			Practice School			IMA	M.Manarama	M.Manarama
Tue	A-Seminar & B-IMA[L-2]		IMA			Practice School			IP-II	G.Korhavulu	-
Wed	NDDS	IP-II	PP	NDDS		Practice School			PP	S.S.Hirhad	-
Thu	IP-II	L.I.B	PP	GPAT/Remidial Classes		Practice School			NDDS	T.Sai Dinarh	-
Fri	IMA	L.I.B	NDDS			IMA	IP-II	PP	CI	K.Bloazy	-
Sat	PP	IP-II	CI			NDDS		CI			
Course: B. Pharm				Year: IV		Sem: I		Sec-B		C.I: Mr. K. Pavan Kumar	
Day	9.00-9.30	9.30-10.00	10.00-10.30	11.40-12.00	LUNCH BREAK	1.30-2.00	2.20-2.50	3.20-3.50	Subject	Theory	Lab
Mon	IP-II	PP	CI	GPAT/Remidial Classes		Practice School			IMA	K.Maharuari	K.Maharuari
Tue	CI	L.I.B	PP			Practice School			IP-II	T.Sai Dinarh	-
Wed	A-IMA[L-2] & B-Seminar		PP			Practice School			PP	S.S.Hirhad	-
Thu	A-Seminar & B-IMA[L-2]		IP-II			Practice School			NDDS	R.Ronuka	-
Fri	IP-II	NDDS	IMA	PP		NDDS	IP-II	IMA	CI	K.Bloazy	-
Sat	CI	PP	IMA	NDDS		IMA		PET			

Prepared by

S.V. Suresh Kumar
Co-Ordinator



[Signature]

Principal

PRINCIPAL
Santthiram College of Pharmacy
NH-18, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

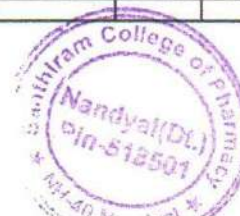
SANTHIRAM COLLEGE OF PHARMACY, NANDYAL

TIME TABLE FOR B.PHARM II SEMAY:: 2023-24

Course: B. Pharm				Year: I		Sem: II		Sec-A		C.I: Mr. B. Ramana	
Day	9.00-	9.50-	10.50-	11.40-	1.30-	2.20-	3.20-	Subject	Theory	Lab	
Mon	CAP	L.I.B	B.Chem	HAP-II	ES	POC-I	B.Chem	HAP-II	B.Ramana	B.Ramana	
Tue	HAP-II	B.Chem	L.I.B	POC-I	Patha	PET		POC-I	S.Rukrar	S.Rizwana	
Wed	Patha	CAP	HAP-II	B.Chem	ES	POC-I	CAP	B.Chem	R.Jameela	S.T.Dinerh	
Thu	A-HAP-II[L-9]&B-B.Chem[L-12]				ES	Patha	HAP-II	Patha	V.Saraja	V.Saraja	
Fri	A-POC-I[L-11]&B-HAP-II[L-9]				Patha	ES	POC-I	CAP	K.Blozzy	K.Blozzy	
Sat	A-B.Chem[L-12]&B-POC-I[L-11]				POC-I	HAP-II	Patha	ES	G.Triveni	-	
LUNCH BREAK											
Course: B. Pharm				Year: I		Sem: II		Sec-B		C.I: Mrs. S. Parveen	
Day	9.00-	9.50-	10.50-	11.40-	1.30-	2.20-	3.20-	Subject	Theory	Lab	
Mon	A-POC-I[L-11]&B-HAP-II[L-9]				ES	POC-I	Patha	HAP-II	S.Parveen	S.Parveen	
Tue	A-HAP-II[L-9]&B-B.Chem[L-12]				CAP	Patha	HAP-II	POC-I	N.Subbaiah	S.Korhauvula	
Wed	A-B.Chem[L-12]&B-POC-I[L-11]				HAP-II	PET		B.Chem	GM.Barha	S.T.Dinerh	
Thu	HAP-II	CAP	ES	Patha	B.Chem	L.I.B	POC-I	Patha	B.Bhargavi	B.Bhargavi	
Fri	POC-I	HAP-II	CAP	B.Chem	Patha	ES	B.Chem	CAP	K.Blozzy	K.Blozzy	
Sat	CAP	POC-I	L.I.B	Patha	B.Chem	ES	CAP	ES	G.Triveni	-	
LUNCH BREAK											
Course: B. Pharm				Year: II		Sem: II		Sec-A		C.I: Mr. N.Subbaiah	
Day	9.00-	9.50-	10.50-	11.40-	1.30-	2.20-	3.20-	Subject	Theory	Lab	
Mon	A-MC-I[L-12]&B-P.Cal-I[L-8]				P.COLI	POC-III	PP-II	POC-III	N.Subbaiah	S.R.Jameela	
Tue	P.COG-I	MC-I	P.COG-I	PP-II	A-PP-II[L-5]&B-P.Cog-I[L-1]			MC-I	GM.Barha	GM.Barha	
Wed	PP-II	GPAT	POC-III	MC-I	PP-II	P.COLI	POC-III	PP-II	K.Divya	S.Surhma	
Thu	POC-III	GPAT	P.COLI	P.COG-I	A-P.Cog-I[L-1]&B-PP-II[L-5]			P.COLI	V.Saraja	V.Saraja	
Fri	P.COLI	GPAT	MC-I	P.COG-I	A-P.Cal-I[L-9]&B-MC-I[L-12]			P.COG	S.V.Suresh	-	
Sat	MC-I	GPAT	POC-III	P.COLI	P.COG-I	MC-I	PP-II				
LUNCH BREAK											
Course: B. Pharm				Year: II		Sem: II		Sec-B		C.I: Mr. S. Rukrar	
Day	9.00-	9.50-	10.50-	11.40-	1.30-	2.20-	3.20-	Subject	Theory	Lab	
Mon	P.COG-I	MC-I	P.COG-I	PP-II	A-PP-II[L-5]&B-P.Cog-I[L-1]			POC-III	S.Rukrar	S.S.Babu	
Tue	A-MC-I[L-12]&B-P.Cal-I[L-8]				PP-II	P.COLI	POC-III	MC-I	S.Rizwana	S.Rizwana	
Wed	POC-III	GPAT	P.COLI	P.COG-I	A-P.Cog-I[L-1]&B-PP-II[L-5]			PP-II	G.Korhauvula	S.R.Renuka	
Thu	P.COLI	GPAT	POC-III	MC-I	PP-II	POC-III	P.COLI	P.COLI	B.Bhargavi	B.Bhargavi	
Fri	MC-I	GPAT	P.COLI	MC-I	PP-II	P.COG-I	MC-I	P.COG	N.Srinivar	-	
Sat	PP-II	GPAT	P.COG-I	POC-III	A-P.Cal-I[L-9]&B-MC-I[L-12]						
LUNCH BREAK											
Course: B. Pharm				Year: III		Sem: II		Sec-A		C.I: Mr. R.Nagarajar	
Day	9.00-	9.50-	10.50-	11.40-	1.30-	2.20-	3.20-	Subject	Theory	Lab	
Mon	B.Tech	BPPK	P.Cal-III	HDT	P.Cal-III	MC-III	BPPK	MC-III	K.Maharuar	K.Maharuar	
Tue	B.Tech	HDT	L.I.B	BPPK	P.Cal-III	MC-III	QA	MC-III	S.Parveen	S.Parveen	
Wed	MC-III	P.Cal-III	L.I.B	MC-III	HDT			PET	HDT	S.V.Suresh	
Thu	QA	B.Tech	HDT	BPPK	A-MC-III[L-11]&B-P.Cal-III[L-8]			BPPK	S.Surhma	-	
Fri	QA	HDT	P.Cal-III	B.Tech	A-P.Cal-III[L-8]&B-HDT[L-3]			B.Tech	S.Jyathi	-	
Sat	B.Tech	MC-III	BPPK	QA	A-HDT[L-3]&B-MC-III[L-11]			QA	R.Nagarajar	-	
LUNCH BREAK											
Course: B. Pharm				Year: III		Sem: II		Sec-B		C.I: Mr. R.Nagarajar	
Day	9.00-	9.50-	10.50-	11.40-	1.30-	2.20-	3.20-	Subject	Theory	Lab	
Mon	MC-III	B.Tech	HDT	BPPK	A-MC-III[L-11]&B-P.Cal-III[L-8]			MC-III	M.Manarama	M.Manarama	
Tue	MC-III	L.I.B	HDT	QA	A-P.Cal-III[L-8]&B-HDT[L-3]			P.Cal-III	B.V.Ramana	S.G.Triveni	
Wed	QA	HDT	BPPK	B.Tech	A-HDT[L-3]&B-MC-III[L-11]			HDT	N.Srinivar	N.Srinivar	
Thu	P.Cal-III	BPPK	HDT	P.Cal-III	BPPK			PET	BPPK	S.Surhma	
Fri	B.Tech	L.I.B	P.Cal-III	MC-III	QA	B.Tech	P.Cal-III	B.Tech	S.Jyathi	-	
Sat	MC-III	HDT	BPPK	B.Tech	P.Cal-III	MC-III	QA	QA	R.Nagarajar	-	
LUNCH BREAK											
Course: B. Pharm				Year: IV		Sem: II		Sec-A		C.I: Mr. R.Nagarajar	
Day	9.00-	9.50-	10.50-	11.40-	1.30-	2.20-	3.20-	Subject	Theory	Lab	
Mon	Statz	Project		AIT	Project			Statz	K.Maharuar	-	
Tue	Ph.Vig	Project		Ph.Vig	Project			SPP	S.Sona	-	
Wed	Statz	SPP	L.I.B	AIT	Project			Ph.Vig	R.Renuka	-	
Thu	SPP	Ph.Vig	L.I.B	AIT	Project			AIT	S.Babu	-	
Fri	AIT	EITK	SPP	Statz	Project			EITK	S.Jyathi	-	
Sat	SPP	Ph.Vig	Statz	EITK	Project						
LUNCH BREAK											
Course: B. Pharm				Year: IV		Sem: II		Sec-B		C.I: Mr. R.Nagarajar	
Day	9.00-	9.50-	10.50-	11.40-	1.30-	2.20-	3.20-	Subject	Theory	Lab	
Mon	SPP	L.I.B	AIT	Ph.Vig	Project			Statz	M.Manarama	-	
Tue	Ph.Vig	AIT	L.I.B	SPP	Project			SPP	S.Sona	-	
Wed	Ph.Vig	EITK	Statz	AIT	Project			Ph.Vig	R.Renuka	-	
Thu	Statz	AIT	SPP	EITK	Project			AIT	R.Nagarajar	-	
Fri	SPP	Statz	L.I.B	Ph.Vig	Project			EITK	S.Jyathi	-	
Sat	Statz	Project			Project						

Prepared by

S.V. Suresh Kumar
Co-Ordinator



Principal
Santiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL											
TIME TABLE FOR PHARM.D AY::2023-24											
COURSE: Pharm.D				YEAR : I		C.I: Mr. N. Madana Gopal					
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab
Mon	Maths	POC	PIOC	B.Chem	LUNCH BREAK	P. Ceu [L-4]			HAP	K.Anusha	K.Anusha
Tue	PIOC	Maths	POC	PIOC		B. Chem [L-11]			P.Ceu	R.E.Ugandar	R.E.Ugandar
Wed	HAP [L-9]			HAP		Maths	POC	P.Ceu	B.Chem	V.Saikrishna	V.Saikrishna
Thu	POC [L-11]			POC		Maths	POC	P.Ceu	POC	G.Madhuri	G.Madhuri
Fri	PIOC	HAP	L.I.B	B.Chem		HAP		TFICCA	PIOC	B.Lavanya	B.Lavanya
Sat	PIOC [L-2]			PIOC		P.Ceu	Maths	B.Chem	Maths	B.Shanmuki	-
COURSE: Pharm.D				YEAR : II		C.I: Dr. K. Anusha					
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab
Mon	P. Ther-I Lab [Hospital]				LUNCH BREAK	C.P	P. Ther-I	P.Col-I	Patho	A.S.Kehava	-
Tue	P. Ther-I Lab [Hospital]					P.Col-I	Patho	P.Micro	P.Micro	S.Gousia	S.Gousia
Wed	P. Micro [L-1]			P. Cog		P.Col-I	P.Micro	Patho	P. Cog	M.Swapna	M.Swapna
Thu	P. Ther-I	L.I.B	P. Cog	Patho		P. Cog [L-3]			P.Col-I	V.Saikrishna	-
Fri	P.Micro	Patho	P. Ther-I	C.P		P. Cog	TFICCA		C.P	C.Bhargav	-
Sat	P. Ther-I	L.I.B	C.P	P.Micro		C.P	P.Col-I	P. Cog	P. Ther-I	K.Anusha	&A.Chaitanya
Course: Pharm.D				Year: III		C.I: Dr. M. Swapna					
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab
Mon	P. Ther-II	P.Anal	P.Col-II	P. Ther-II	LUNCH BREAK	P. Ani [L-10]			P.Col-II	M.Swapna	M.Swapna
Tue	P.Anal	P.Col-II	P.Anal	P.Col-II		P. Form [L-6]			P.Anal	A.Chaitanya	A.Chaitanya
Wed	P. Ther-II Lab [Hospital]					P. Form	P. Juris	P. Ther-II	P. Ther-II	B.Pradeep	&B.Shanmuki
Thu	P. Ther-II Lab [Hospital]					P. Form	MC	P. Juris	P. Juris	K.Anusha	-
Fri	MC [L-12]			M.C		P. Ther-II	TFICCA		M.C	B.Lavanya	B.Lavanya
Sat	P. Col-II [L-9]			P.Col-II		P. Juris	M.C	P. Form	P. Form	R.E.Ugandar	R.E.Ugandar
COURSE: Pharm.D				YEAR : IV		C.I: Dr. B. Pradeep					
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab
Mon	C.P	B.Stats	H.P	C.P	LUNCH BREAK	H.P [L-6]			P. Ther-II	A.S.Kehava	&B.Shanmuki
Tue	B.Stats	C.P	H.P	C.P		BPPK [L-4]			H.P	G.Madhuri	G.Madhuri
Wed	P. Ther-III	C.Toxi	L.I.B	P. Ther-III		BPPK	C.Toxi	B.Stats	C.P	C.Bhargav	&A.Chaitanya
Thu	C.Toxi	P. Ther-III	B.Stats	H.P		BPPK	L.I.B	H.P	B.Stats	B.Pradeep	-
Fri	P. Ther-III Lab [Hospital]					H.P		TFICCA	BPPK	S.Gousia	S.Gousia
Sat	C.P Lab [Hospital]					C.Toxi	P. Ther-III	BPPK	C.Toxi	M.Swapna	-
COURSE: Pharm.D				YEAR : V		C.I: Dr. A. Sai Keshava Reddy					
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab
Mon	Project work				LUNCH BREAK	CP&TDM	L.I.B	C.R	C.R	C.Bhargav	-
Tue	Clerkship					C.R	CP&TDM	C.R	P.Ed&P.E	A.S.Kehava	-
Wed	Clerkship					Project work			CP&TDM	B.Pradeep	-
Thu	Project work					P.Ed&P.E	CP&TDM	P.Ed&P.E			
Fri	Project work					P.Ed&P.E	TFICCA				
Sat	Clerkship					Project work					



Santhiram

[Signature]

PRINCIPAL

Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

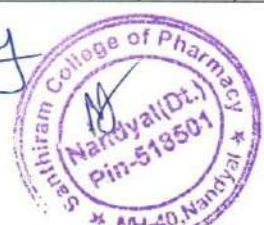
Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL M.PHARM I & III SEM CLASS TIME TABLE AY: 2023-24

Course: M. Pharm		Branch: Ph. Analysis				Sem: I			C.I: Dr. L. Siva Sankar Reddy		
Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	Subject	Theory	Lab	
Mon	MPAT	Seminar/Assignment	MPAT	QCQA	L.I.B	PFA	MPAT	L.S.Shankar	&K Sampath	-	
Tue	QCQA	Seminar/Assignment	MPAT	PFA	L.I.B	APA	APA	N.Madan	-	-	
Wed	PFA- LAB 10				PFA- LAB 10			PFA	S.Muneer	&N.Madan	
Thu	PFA	Seminar/Assignment	MPAT	MPAT	QCQA	APA	QCQA	K.Pavan	-	-	
Fri	MPAT- LAB 10				MPAT- LAB 10			ERPW	AV.Badrinath	-	
Sat	QCQA	PFA	L.I.B	MPAT	PFA	ERPW					
Course: M. Pharm		Branch: Pharmaceutics				Sem: I			C.I: Dr. A.V. Badrinath		
Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	Subject	Theory	Lab	
Mon	MPAT	Seminar/Assignment	L.I.B	APP	MP-I	ABPPK	MPAT	L.S.Shankar	&K Sampath	-	
Tue	ABPPK	Seminar/Assignment	MPAT	ABPPK	L.I.B	MP-I	APP	D.Maharuar	-	-	
Wed	MP-I- LAB 06				MP-I- LAB 06			MP-I	K.Pavan	K.Pavan	
Thu	APP	Seminar/Assignment	MP-I	MPAT	ABPPK	APP	ABPPK	AV.Badrinath	-	-	
Fri	MPAT- LAB 10				MPAT- LAB 10			ERPW	O.Madhuradan	-	
Sat	APP	L.I.B	MP-I	MPAT	L.I.B	ERPW					
Course: M. Pharm		Branch: Industrial Pharmacy				Sem: I			C.I: Dr. K. Ravi Kumar		
Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	Subject	Theory	Lab	
Mon	MPAT	Seminar/Assignment	PFD	APP	L.I.B	ABPPK	MPAT	L.S.Shankar	&K Sampath	-	
Tue	ABPPK	Seminar/Assignment	MPAT	ABPPK	L.I.B	PFD	APP	K.Bharath	-	-	
Wed	MPAT- LAB 10				MPAT- LAB 10			PFD	K.Ravikumar	&K.Bharath	
Thu	APP	Seminar/Assignment	L.I.B	MPAT	ABPPK	APP	ABPPK	AVB	-	-	
Fri	APP- LAB 07				APP- LAB 07			ERPW	O.Madhuradan	-	
Sat	APP	L.I.B	PFD	MPAT	PFD	ERPW					
Course: M. Pharm		Branch: Pharmaceutics				Sem: I			C.I: Dr. P. Praveen Kumar		
Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	Subject	Theory	Lab	
Mon	MPAT	Seminar/Assignment	AP-I	CPP	L.I.B	CHP	MPAT	L.S.Shankar	&K Sampath	-	
Tue	CPP	Seminar/Assignment	MPAT	CHP	L.I.B	AP-I	AP-I	R.Niranjan	&P.Praveen	-	
Wed	MPAT- LAB 10				MPAT- LAB 10			CPP	P.Praveen	-	
Thu	CPP	Seminar/Assignment	AP-I	MPAT	L.I.B	CHP	CHP	O.Madhuradan	-	-	
Fri	AP-I- LAB 08				AP-I- LAB 08			ERPW	AV.Badrinath	-	
Sat	CPP	L.I.B	AP-I	MPAT	CPP	ERPW					
Course: M. Pharm		Branch: Ph. Analysis				Sem: III			C.I: Dr. L. Siva Sankar Reddy		
Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	Subject	Theory	Lab	
Mon	RM&IPR	BSM	Tech. Practical/Assign.	Research Work-I			RM&IPR	S.Muneer	-	-	
Tue	BSM	RM&IPR	Tech. Practical/Assign.	Research Work-I			BSM	P.Praveen	-	-	
Wed	RM&IPR	BSM	Comprehensive viva voce	Research Work-I							
Thu	BSM	RM&IPR	Comprehensive viva voce	Research Work-I							
Fri	Research Work-I				Research Work-I						
Sat	Research Work-I				Research Work-I						
Course: M. Pharm		Branch: Pharmaceutics				Sem: III			C.I: Dr. A.V. Badrinath		
Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	Subject	Theory	Lab	
Mon	RM&IPR	BSM	Tech. Practical/Assign.	Research Work-I			RM&IPR	S.Muneer	-	-	
Tue	BSM	RM&IPR	Tech. Practical/Assign.	Research Work-I			BSM	P.Praveen	-	-	
Wed	RM&IPR	BSM	Comprehensive viva voce	Research Work-I							
Thu	BSM	RM&IPR	Comprehensive viva voce	Research Work-I							
Fri	Research Work-I				Research Work-I						
Sat	Research Work-I				Research Work-I						
Course: M. Pharm		Branch: Industrial Pharmacy				Sem: III			C.I: Dr. K. Ravi Kumar		
Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	Subject	Theory	Lab	
Mon	RM&IPR	BSM	Tech. Practical/Assign.	Research Work-I			RM&IPR	S.Muneer	-	-	
Tue	BSM	RM&IPR	Tech. Practical/Assign.	Research Work-I			BSM	P.Praveen	-	-	
Wed	RM&IPR	BSM	Comprehensive viva voce	Research Work-I							
Thu	BSM	RM&IPR	Comprehensive viva voce	Research Work-I							
Fri	Research Work-I				Research Work-I						
Sat	Research Work-I				Research Work-I						
Course: M. Pharm		Branch: Pharmaceutics				Sem: III			C.I: Dr. P. Praveen Kumar		
Day	9.30-10.30	10.30-11.30	11.30-12.30	12.30-1.30	1.30-2.30	2.30-3.30	3.30-4.30	Subject	Theory	Lab	
Mon	RM&IPR	PV	Tech. Practical/Assign.	Research Work-I			RM&IPR	S.Muneer	-	-	
Tue	PV	RM&IPR	Tech. Practical/Assign.	Research Work-I			PV	L.S.Shankar	-	-	
Wed	RM&IPR	PV	Comprehensive viva voce	Research Work-I							
Thu	PV	RM&IPR	Comprehensive viva voce	Research Work-I							
Fri	Research Work-I				Research Work-I						
Sat	Research Work-I				Research Work-I						

Prepared by

Co-Ordinator



Principal
Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.R.



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL M.PHARM II SEM CLASS TIME TABLE AY: 2023-24

Course: M. Pharm										Branch: Ph. Analysis			Sem: II			C.I: Dr. L. Siva Sankar Reddy		
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab							
Mon	AIA	Seminar/Assignment		HCA		PV	JC		AIA	L.S.Shankar	L.S.Shankar							
Tue	MBAT	Seminar/Assignment		AIA		PV	MBAT	HCA	MBAT	N.Madan	& S. Muneer							
Wed	MBAT- LAB 10					MBAT- LAB 10			PV	S. Muneer	-							
Thu	AIA	Seminar/Assignment		HCA		PV	P.E.T		HCA	K Bharath	-							
Fri	AIA- LAB 10					AIA- LAB 10			PS	K.Pavan	-							
Sat	HCA	MBAT	PS			AIA	MBAT	PV										
Course: M. Pharm										Branch: Pharmaceutics			Sem: II			C.I:		
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab							
Mon	ADDS	Seminar/Assignment		NDDS		ADDS	IP	MP-II	MP-II	AV Badrinath	AV Badrinath							
Tue	MP-II- LAB 06					MP-II- LAB 06			ADDS	K Ravi	& D Maheesh							
Wed	ADDS- LAB 07					ADDS- LAB 07			IP	K Sampath	-							
Thu	NDDS	Seminar/Assignment		ADDS		NDDS	P.E.T		NDDS	K Pavan	-							
Fri	MP-II	Seminar/Assignment		IP		MP-II	JC		PS	R Niranjan	-							
Sat	IP	ADDS	PS			NDDS	IP	MP-II										
Course: M. Pharm										Branch: Industrial Pharmacy			Sem: II			C.I: Dr. K. Ravi Kumar		
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab							
Mon	ADDS	Seminar/Assignment		NDDS		ADDS	JC	PIM	PPT	D Maheesh	AV Badrinath							
Tue	PIM	Seminar/Assignment		PPT		PIM	JC	PPT	ADDS	K Ravi	-							
Wed	ADDS- LAB 07					ADDS- LAB 07			PIM	K Bharath	-							
Thu	NDDS	Seminar/Assignment		ADDS		NDDS	P.E.T		NDDS	K Pavan	& K Sampath							
Fri	PPT- LAB 07					PPT- LAB 07			PS	R Niranjan	-							
Sat	PPT	ADDS	PS			NDDS	PPT	PIM										
Course: M. Pharm										Branch: Pharmacology			Sem: II			C.I: Dr. P. Praveen Kumar		
Day	9.00-9.50	9.50-10.40	10.50-11.40	11.40-12.30	LUNCH BREAK	1.30-2.20	2.20-3.10	3.20-4.10	Subject	Theory	Lab							
Mon	AP-II	Semr./Assin		CRPV		PSMT	JC	PDD	AP-II	R. Niranjan	& P.Praveen							
Tue	PSMT	Semr./Assin		AP-II		PDD	JC	CRPV	PSMT	P.Praveen	P.Praveen							
Wed	PCMT- LAB 10					PCMT- LAB 10			PDD	C.Madhuzudan	-							
Thu	PSMT	Semr./Assin		CRPV		AP-II	P.E.T		CRPV	K. Sampath	-							
Fri	AP-II- LAB 08					AP-II- LAB 08			PS	K.Pavan	-							
Sat	PDD	PSMT	PS			CRPV	PDD	AP-II										

Prepared by

Co-Ordinator



Principal
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

Academic Planner


ACADEMIC PLANNER

SUBJECT TITLE: HUMAN ANATOMY AND PHYSIOLOGY (THEORY & PRACTICAL)

SUBJECT CODES: BP101T & BP107P

S.NO	DATE	NO OF HOURS	TOPIC
UNIT - I			
1	7/12/23	1	INTRODUCTION TO HUMAN ANATOMY & PHYSIOLOGY
2	8/12/23	1	DEFINITION AND SCOPE OF ANATOMY & PHYSIOLOGY
3	11/12/23	1	SCOPE OF ANATOMY & PHYSIOLOGY
4	13/12/23	1	LEVELS OF STRUCTURAL ORGANIZATION
5	14/12/23	1	LEVELS OF STRUCTURAL ORGANIZATION
6	15/12/23	1	BODY SYSTEMS
7	16/12/23	1	BASIC LIFE PROCESSES
8	18/12/23	1	HOMEOSTASIS
9	20/12/23	1	BASIC ANATOMICAL TERMINOLOGIES
10	21/12/23	1	CELL STRUCTURE AND FUNCTION
11	22/12/23	1	CELL DIVISION AND CELL JUNCTIONS, TRANSPORT ACROSS CELL MEMBRANE
12	23/12/23	1	INTRACELLULAR SIGNALLING PATHWAY ACTIVATION BY EXTRACELLULAR SIGNAL MOLECULES
13	27/12/23	1	FORMS OF INTRACELLULAR SIGNALLING
14	28/12/23	1	TISSUE LEVEL OF ORGANIZATION
15	29/12/23	1	CLASSIFICATION OF TISSUES
16	30/12/23	1	STRUCTURE AND LOCATION AND FUNCTIONS OF EPITHELIAL TISSUE
17	3/1/24	1	STRUCTURE AND LOCATION AND FUNCTIONS OF CONNECTIVE TISSUE
18	5/1/24	1	STRUCTURE AND LOCATION AND FUNCTIONS OF MUSCULAR TISSUE
19	6/1/24	1	STRUCTURE AND LOCATION AND FUNCTIONS OF NERVOUSS TISSUE
UNIT - II			
20	12/1/24	1	STRUCTURE AND FUNCTIONS OF SKIN
21	17/1/24	1	SKELETAL SYSTEM, DIVISIONS OF SKELETAL SYSTEM STRUTURE AND FUNCTIONS OF AXIAL AND APPENDICULAR SYSTEM
22	18/1/24	1	JOINTS STRUCTURAL AND FUNCTIONAL CLASSIFICATION
23	19/1/24	1	TYPES OF JOINTS MOVEMENTS AND ITS ARTICULATION
UNIT - III			
24	20/1/24	1	TRANSFUSION & ITS SIGNIOFICANCE
25	22/1/24	1	COMPOSITION AND FUNCTIONS OF BLOOD , FORMATION OF HEMOGLOBIN




 PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

26	23/1/24	1	HEMOPOESIS, ANEMIA
27	25/1/24	1	MECHANISM OF COAGULATION, BLOOD GROUPING
28	27/1/24	1	RH FACTORS, DISORDERS OF BLOOD
29	29/1/24	1	RETICULOENDOTHELIAL SYSTEM
30	30/1/24	1	LYMPHATIC SYSTEM
31	31/1/24	1	LYMPHATIC ORGANS AND TISSUES, LYMPH CIRCULATION
32	1/2/24	1	FUNCTIONS OF LYMPHATIC SYSTEM
33	2/2/24	1	DISORDERS OF LYMPHATIC SYSTEM


UNIT - IV

34	12/2/24	1	CLASSIFICATION OF PERIPHERAL NERVOUS SYSTEM
35	14/2/24	1	STRUCTURE AND FUNCTIONS OF SYMPATHETIC NERVOUS SYSTEM & PARASYMPATHETIC NERVOUS SYSTEM
36	16/2/24	1	ORIGIN AND FUNCTIONS OF SPINAL CORD
37	19/2/24	1	ORIGIN AND FUNCTIONS OF CRANIAL NERVES

UNIT - V

38	21/2/24	1	ANATOMY OF HEART
39	22/2/24	1	BLOOD CIRCULATION, BLOOD VESSELS
40	26/2/24	1	STRUCTURE AND FUNCTIONS OF ARTERY AND VEIN
41	29/2/24	1	CONDUCTION SYSTEM OF HEART AND HEART BEAT, REGULATION
42	11/3/24	1	CARDIAC CYCLE
43	13/3/24	1	CARDIAC OUTPUT
44	14/3/24	1	REGULATION OF BLOOD PRESSURE
45	16/3/24	1	ELECTROCARDIOGRAM, DISORDERS OF HEART





PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Santhiram College of Pharmacy
Nerawada, NH 40, Nandyal 518501 Andhra Pradesh, India
Lesson plan II B.PHARM I SEM Sub: Pharmaceutical Organ chemistry II


Weeks	No of Hrs	Topic	Reference
UNIT I			
1	4	Analytical, synthetic and other evidences in the derivation of structure of benzene	R1
		Analytical, synthetic and other evidences in the derivation of structure of benzene	
		Orbital picture, resonance in benzene, Structure and uses of DDT, Saccharin, BHC and Chloramine	
		Aromatic characters, Huckel's rule	
		Reactions of benzene - nitration, sulphonation, halogenations.	
2	4	Friedelcrafts alkylation- reactivity, limitations, Friedelcrafts acylation.	R1 & R5
		Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction ¹	
		Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction ²	
		Substituents, effect of substituents on reactivity and orientation of mono substituted benzene compounds towards electrophilic substitution reaction ³	
UNIT II			
3	4	General methods of preparation of Phenols	R2&R3
		Qualitative tests for phenols	
		Structure and uses of phenol, cresols, resorcinol, naphthols	
		General reactions of Phenols, Important reactions of benzoic acid	
		General methods of preparation of Aromatic amines	
4	4	Chemical properties of aromatic amines	R1 & R2
		Basicity of amines, effect of substituents on basicity	
		Diazotization, synthetic applications of diazonium salts	
		General methods of preparation of Aromatic acids, Acidity, effect of substituents on acidity of aromatic acids	
UNIT III			
5	4	Fatty acids- reactions Hydrolysis, Hydrogenation, Saponification	
		Fatty acids- reactions, Rancidity of oils, Drying oils.	
		Analytical constants - Acid value	
		Analytical constants - Saponification value, Ester value	
		Analytical constants - Iodine value, Acetyl value , Analytical constants - Reichert Meissl (RM) value	




 PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Santhiram College of Pharmacy
 Nerawada, NH 40, Nandyal 518501 Andhra Pradesh, India
 Lesson plan II B.PHARM I SEM Sub: Pharmaceutical Organ chemistry II

6	4	Polynuclear hydrocarbons: Synthesis of Naphthalene	R1 & R2
		Reactions of Naphthalene	
		Synthesis of Phenanthrene	
		Reactions of Phenanthrene	
7	4	Synthesis of Anthracene	R1 & R2
		Structure and medicinal uses of Naphthalene, Phenanthrene and their derivatives	
		Structure and medicinal uses of Anthracene, Diphenylmethane, Triphenylmethane and their derivatives	
UNIT V			
8	4	General methods of preparations of Cyclo alkanes	R1 & R2
		Stability of cyclo alkanes - Baeyer's Strain theory.	
		Stability of cyclo alkanes - Limitation of Baeyer's strain theory	
		Coulson and Moffitt's modification	
9	4	Sachse Mohr's theory (Theory of strainless rings)	R1 & R2
		reactions of cyclopropane	
		reactions of cyclobutane	


PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal, 518501, A.P.



Santhiram College of Pharmacy
Nerawada, NH 40, Nandyal 518501 Andhra Pradesh, India
B.PHARM III- I Sem Sub : Medicinal chemistry III

Weeks	No of Hrs	Topic	Reference
UNIT I			
1	4	Antihistaminic agents: Histamine, receptors and their distribution in the human body. Introduction and Classification of H1-antagonists Mechanism of action, Synthesis and uses of Diphenhydramine hydrochloride*, Dimenhydrinate, Doxylamines succinate, Clemastine fumarate, Diphenylpyraline hydrochloride, Tripelenamine hydrochloride Mechanism of action and uses of Chlorcyclizine hydrochloride, Meclizine hydrochloride, Buclizine hydrochloride, Chlorpheniramine maleate, Mechanism of action, Synthesis and uses of Triprolidine hydrochloride*, Phenidamine tartarate, Promethazine hydrochloride*, Mechanism of action and uses Trimeprazine tartrate, Cyproheptadine hydrochloride, Azatidine maleate, Astemizole, Loratadine, Cetirizine, Levocetrazine Cromolyn sodium	R1 & R2
2	4	H2-antagonists: Cimetidine*, Famotidine, Ranitidine Gastric Proton pump inhibitors: Omeprazole, Lansoprazole, Rabeprazole, Pantoprazole Alkylating agents: Meclorethamine*, Cyclophosphamide, Melphalan, Chlorambucil, Busulfan, Thiotepa Antimetabolites: Mercaptopurine*, Thioguanine, Fluorouracil, Floxuridine, Cytarabine, Methotrexate*, Azathioprine Antibiotics: Dactinomycin, Daunorubicin, Doxorubicin, Bleomycin. Plant products: Etoposide, Vinblastin sulphate, Vincristin sulphate Miscellaneous: Cisplatin, Mitotane	R1 & R2
UNIT II			
3	4	Definition and Classification of Anti-anginal agents Vasodilators: Amyl nitrite, Nitroglycerin*, Pentaerythritol tetranitrate, Isosorbide dinitrite*, Dipyridamole Calcium channel blockers: Verapamil, Bepridil hydrochloride, Diltiazem hydrochloride, Nifedipine, Amlodipine, Felodipine, Nicardipine, Nimodipine ¹ Definition and Classification of Diuretics Carbonic anhydrase inhibitors: Acetazolamide*, Methazolamide, Dichlorphenamide	R1 & R2
4	4	Thiazides: Chlorthiazide*, Hydrochlorothiazide, Hydroflumethiazide, Cyclothiazide, Loop diuretics: Furosemide*, Bumetanide, Ethacrynic acid Potassium sparing Diuretics: Spironolactone, Triamterene, Amiloride. Osmotic Diuretics: Mannitol Definition and Classification of Anti-hypertensive Agents Mechanism of action, Synthesis and uses Timolol, Captopril, Lisinopril, Enalapril, Benazepril hydrochloride Mechanism of action, Synthesis and uses Quinapril hydrochloride, Methyldopate hydrochloride*, Clonidine hydrochloride	R1 & R2
5	4	Mechanism of action, Synthesis and uses Guanethidine monosulphate, Guanabenz acetate, Sodium nitroprusside Mechanism of action, Synthesis and uses Diazoxide, Minoxidil, Reserpine, Hydralazine hydrochloride. Mechanism of action, Synthesis and uses Guanethidine monosulphate, Guanabenz acetate, Sodium nitroprusside Mechanism of action, Synthesis and uses Diazoxide, Minoxidil, Reserpine, Hydralazine hydrochloride. Mechanism of action, Synthesis and uses Diazoxide, Minoxidil, Reserpine, Hydralazine hydrochloride. mechanism of action, Synthesis and uses Quinapril hydrochloride, Methyldopate hydrochloride*, Clonidine hydrochloride	R1 & R2



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Santhiram College of Pharmacy
Nerawada, NH 40, Nandyal 518501 Andhra Pradesh, India
B.PHARM III- I Sem Sub : Medicinal chemistry III

UNIT III			
6	4	Definition and Classification of Anti-arrhythmic Drugs Mechanism of action, Synthesis and uses of Quinidine sulphate, Procainamide hydrochloride, Disopyramide phosphate*	R1 & R2
		Mechanism of action, Synthesis and uses of Phenytoin sodium, Lidocaine hydrochloride, Tocainide hydrochloride, Mexiletine hydrochloride	
		Mechanism of action, Synthesis and uses of Lorcaïnide hydrochloride, Amiodarone, Sotalol.	
		Definition and Classification of Anti-hyperlipidemic agents	
7	4	Mechanism of action, Synthesis and uses of Clofibrate, Lovastatin, Cholesteramine and Cholestipol	R1 & R2
		Definition and Classification of Coagulant & Anticoagulants	
		Mechanism of action, Synthesis and uses of Menadiol, Aceptomenadione, Warfarin*, Anisindione, clopidogrel	
		Definition and Classification of Drugs used in Congestive Heart Failure Mechanism of action, Synthesis and uses of Digoxin, Digitoxin, Nesiritide, Bosentan, Tezosentan.	
UNIT IV			
8	4	Definition and Classification of Drugs acting on Endocrine system	R1 & R2
		Nomenclature, Stereochemistry and metabolism of steroids	
		Mechanism of action and uses of Sex hormones: Testosterone, Progesterones, Oestriol, Oestrone, Diethyl stilbestrol, Nandralone, Oestradiol.	
		Mechanism of action and uses of Drugs for erectile dysfunction: Sildenafil, Tadalafil	
9	4	Mechanism of action and uses of Oral contraceptives: Mifepristone, Norgestrel, Levonorgestrol	R1 & R2
		Mechanism of action and uses of Corticosteroids: Cortisone, Hydrocortisone, Prednisolone, Betamethasone, Dexamethasone	
		Mechanism of action and uses of Thyroid and antithyroid drugs: L-Thyroxine, L-Thyronine, Propylthiouracil, Methimazole	
UNIT V			
10	4	Definition and Classification of Antidiabetic agents	R1 & R2
		Insulin and its preparations Mechanism of action, synthesis and uses of Sulfonyl ureas: Tolbutamide*, Chlorpropamide, Glipizide, Glimepiride.	
		Biguanides: Metformin and uses of Thiazolidinediones: Rosiglitazone, Pioglitazone,	
		Mechanism of action and uses of Meglitinides: Repaglinide, Nateglinide. Glucosidase inhibitors: Acarbose, Voglibose.	
11	4	Definition and Classification of Antidiabetic agents	R1 & R2
		Definition and Classification of Local Anesthetics	
		SAR of Local anesthetics	
		Mechanism of action and uses of Benzoic Acid derivatives: Cocaine, Hexylcaine, Meprylcaine, Cyclomethycaine, Piperocaine	
12	4	Mechanism of action, synthesis and uses of Amino Benzoic acid derivatives: Benzocaine*, Butamben, Procaine*, Butacaine, Propoxycaine, Tetracaine, Benoxinate.	R1 & R2
		Mechanism of action, synthesis and uses of Lidocaine/Anilide derivatives: Lignocaine, Mepivacaine, Prilocaine, Etidocaine. Miscellaneous: Phenacaine, Diperonon, Dibucaine.* ¹	



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Santhiram College of Pharmacy
Nerawada, NH 40, Nandyal 518501 Andhra Pradesh, India Lesson
plan IV B.PHARM I Sem Sub: Instrumental Methods of Analysis

Weeks	No of Hrs	Topic	Reference
UNIT I			
1	4	Introduction to pharmaceutical Analysis Terms used in UV Visible spectroscopy, Electronic transitions, chromophores, auxochromes, spectral shifts, solvent effect on absorption spectra, Beer and Lambert's law, Derivation and deviations. Instrumentation - Sources of radiation, wavelength selectors, sample cells,	R1
2	4	detectors-Photo tube, Photomultiplier tube, Photo voltaic cell, Silicon Photodiode and applications and Revision Fluorimetry Theory, Concepts of singlet, doublet and triplet electronic states, internal and external conversions, factors affecting fluorescence, quenching, instrumentation and applications	R1 & R5
UNIT II			
3	4	IR: Introduction, fundamental Modes of vibrations in poly atomic molecules Sample handling, factors affecting vibrations Instrumentation - Sources of radiation, wavelength selectors detectors - Golay cell, Bolometer, Thermocouple, Thermister, Pyroelectric detector and applications ¹ Flame Photometry-Principle, instrumentation Instrumentation, interferences and applicationS	R1, R3& R10
4	4	Atomic absorption spectroscopy Principle, instrumentation Instrumentation, interferences and applications Nepheloturbidometry- Principle, instrumentation Instrumentation and applications	R1 & R2
UNIT III			
5	4	Thin layer chromatography- Introduction, Principle, Methodology Methodology, Rf values, advantages, disadvantages and applications. Paper chromatography- Introduction, methodology, Development techniques, advantages, disadvantages and applications Adsorption and partition column chromatography- Methodology, advantages, Electrophoresis-Introduction, factors affecting electrophoretic mobility. capillary electrophoresis application	R1 & R2,R4




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Santhiram College of Pharmacy
 Nerawada, NH 40, Nandyal 518501 Andhra Pradesh, India Lesson
 plan IV B.PHARM I Sem Sub: Instrumental Methods of Analysis

UNIT IV			
6	4	GC: Introduction, theory	R1 & R2
		instrumentation	
		Instrumentation Techniques of paper, gel derivatization	
		HPLC: Introduction, theory, instrumentation	
7	4	instrumentation	R1 & R2
		Advantages and applications	
		instrumentation	
UNIT V			
8	4	Ion Exchange Chromatography: Introduction, classification, ion exchange resins	R1 & R2
		properties, mechanism of ion exchange process	
		factors affecting ion exchange, methodology Revision and applications	
		Gel chromatography theory, Introduction, theory,	
9	4	Intoduction on gel chromatography	R1 & R2
		instrumentation	
		applications	
		instrumentation applications	




PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.



ACADEMIC PLANNER

Subject Title : PHARMACEUTICAL INORGANIC CHEMISTRY (Theory & Practical)

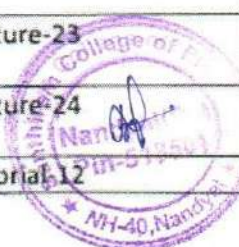
Subject Codes : 17T00105 & 17T00111

LECTURE:72 Hrs./TUTORIAL:36 Hrs./PRACTICAL:108 Hrs.

WEEK	TIME In Hrs.	MODULE	TOPIC
1	1	Lecture-1	Unit.1: Introduction to Inorganic chemistry
	1	Lecture-2	Unit.1: Errors in quantitative analysis, classification of errors and concept of accuracy and precision
	1	Tutorial-1	Unit.1: Revision and discussion on errors, accuracy and precision and their calculations.
	3	Practical Experiment-1	Experiment-1: Limit test for chlorides - To demonstrate the limit test for chlorides in the given sample and explanation on how to compare the standard and sample opalescence.
2	1	Lecture-3	Unit.1: treatment of analytical results,
	1	Lecture-4	Unit.1: Principle of volumetric analysis,
	1	Tutorial-2	Unit.1: a review on analytical figures and rounding of results and principles and types of volumetric analysis.
	3	Practical Experiment-2	Experiment-2: Limit test for sulphates - To demonstrate the limit test for sulphates in the given sample and explanation on how to compare the standard and sample opalescence.
3	1	Lecture-5	Unit.1: different methods for expressing concentrations of solutions, primary and secondary standards
	1	Lecture-6	Unit.1: Acid- base concepts, relative strength of acids and bases, law of mass action,
	1	Tutorial-3	Unit.1: revision and calculations of various methods of expressing concentrations.
	3	Practical Experiment-3	Experiment-4: Limit test for Iron - To demonstrate the limit test for Iron in the given sample and explanation on how to compare the standard and sample colour.
4	1	Lecture-7	Unit.1: common ion effect, ionic product of water, Henderson-Hasselbalch equation,
	1	Lecture-8	Unit.1: buffer solutions, theory of indicators, neutralization curves,
	1	Tutorial-4	Unit.1: revision of concepts of buffers, indicators and common ion effect.
	3	Practical Experiment-4	Experiment-5: Limit test for Heavy Metals - To demonstrate the limit test for Heavy Metals in the given sample and explanation on how to compare the standard and sample colour.
5	1	Lecture-9	Unit.1: choice of indicators, mixed and universal indicators
	1	Lecture-10	Unit.1: Concepts of oxidation-reduction reactions
	1	Tutorial-5	Unit.1: discussion on indicators and redox reactions.



	3	Practical Experiment-5	Experiment-6: Limit test for Arsenic - To demonstrate the limit test for Arsenic in the given sample and explanation on how to compare the standard and sample colour.
6	1	Lecture-11	Unit.1: redox reactions,
	1	Lecture-12	Unit.1: theory of redox titrations, redox indicators, iodometry and iodimetry,
	1	Tutorial-6	Unit.1: revision of redox reactions and its concepts
	3	Practical Experiment-6	Modified limit tests for chlorides and sulphates
7	1	Lecture-13	Unit.1: titrations involving ceric sulphate, potassium iodate,
	1	Lecture-14	Unit.1: potassium bromate, potassium permanganate, titanous chloride.
	1	Tutorial-7	Unit.1: discussion on redox titrations
	3	Practical Experiment-7	Experiment-7: Assay of Ammonium chloride by Acid-base titration
8	1	Lecture-15	Unit.2: Theoretical basis, types of solvents, preparations and standardization of titrant solutions,
	1	Lecture-16	Unit.2: titration of weak acid, weak bases and indicators.
	1	Tutorial-8	Unit.2: discussion of various solvents and titrates used in NAT
	3	Practical Experiment-8	Experiment-8: Assay of Ferrous sulphate by cerimetry
9	1	Lecture-17	Unit.2: Prep. and standardisation of perchloric acid, lithium and
	1	Lecture-18	Unit.2: Prep. and standardisation of sodium methoxide, tetra butyl ammonium hydroxide.
	1	Tutorial-9	Unit.2: discussion on non-aq titration and its concepts
	3	Practical Experiment-9	Experiment-9: Assay of copper sulphate by iodometry
10	1	Lecture-19	Unit.2: Introduction, types of precipitation titrations
	1	Lecture-20	Unit.2: end point detection in PPT titrations
	1	Tutorial-10	Unit.2: Revision of precipitation reactions
	3	Practical Experiment-10	Experiment-10: assay of calcium gluconate by complexometry
11	1	Lecture-21	Unit.2: Introduction on complexometric titrations
	1	Lecture-22	Unit.2: principle and types of on complexometric titrations
	1	Tutorial-11	Unit.2: Revision of complexometric titrations.
	3	Practical Experiment-11	Experiment-11: Assay of hydrogen peroxide by permanganometry
12	1	Lecture-23	Unit.2: types of titrations in complexometric titrations
	1	Lecture-24	Unit.2: endpoint detection in complexometric titrations
	1	Tutorial-12	Unit.2: discussion on complexometric titrations.



Santhiram College of Pharmacy
NH-40, Nandyal-518 501



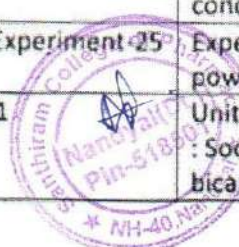
	3	Practical Experiment-12	Experiment-12: Assay of sodium benzoate by non aqueous titrations
FIRST MIDTERM EXAMINATIONS			
13	1	Lecture-25	Unit.2: Applications and assays of some official compounds by complexometric titrations
	1	Lecture-26	Unit.2: Theory of Indicators and Mechanism of indicators and colour change
	1	Tutorial-13	Unit.2: revision on complexometry and mechanism of indicators.
	3	Practical Experiment-13	Experiment-13: Assay of sodium chloride by modified volhard's method
14	1	Lecture-27	Unit.2: quinoid theory
	1	Lecture-28	Unit.2: Benzonoid theory
	1	Tutorial-14	Unit.2: revision on theories of indicators
	3	Practical Experiment-14	Experiment-14: Assay of potassium iodate by KIO ₃ titrations
15	1	Lecture-29	Unit.3: Basic concepts, Precipitation techniques,
	1	Lecture-30	Unit.3: co-precipitation, post-precipitation
	1	Tutorial-15	Unit.3: revision on gravimetric concepts.
	3	Practical Experiment-15	Experiment-15: Estimation of barium as barium sulphate by gravimetry
16	1	Lecture-31	Unit.3: general procedures in Gravimetry
	1	Lecture-32	Unit.3: various steps involved in gravimetric analysis, pharmaceutical applications.
	1	Tutorial-16	Unit.3: discussion on Gravimetry and its applications.
	3	Practical Experiment-16	Experiment-16: assay of sodium antimony gluconate
17	1	Lecture-33	Unit.3: Definition and importance of limit tests
	1	Lecture-34	Unit.3: general procedure for limit test for chlorides and sulphates
	1	Tutorial-17	Unit.3: discussion and revision on limit tests
	3	Practical Experiment-17	Experiment-17: assay of antimony potassium tartarate.
18	1	Lecture-35	Unit.3: general procedure for limit test for iron and lead
	1	Lecture-36	Unit.3: general procedure for limit test for arsenic
	1	Tutorial-18	Unit.3: revision of limit tests.
	3	Practical Experiment-18	Experiment-18: Estimation of mixture of sodium hydroxide and sodium carbonate
19	1	Lecture-37	Unit.3: general procedure for limit test for heavy metals.
	1	Lecture-38	Unit.3: Introduction to medicinal gases
	1	Tutorial-19	Unit.3 Discussion on limit tests of heavy metals and medicinal gases.
	3	Practical Experiment-19	Experiment-19: Estimation of mixture of Boric acid and borax.
20	1	Lecture-39	Unit.3: Preparation and uses of Oxygen, Carbon dioxide



Santhiram College of Pharmacy
NH-40, Nandyal-518 501



	1	Lecture-40	Unit.3: Preparation and uses of Helium, Nitrogen and Nitrous Oxide
	1	Tutorial-20	Unit.3: Revision on importance of medicinal gases
	3	Practical Experiment-20	Experiment-20 Estimation of mixture of oxalic acid and sodium oxalate.
21	1	Lecture-41	Unit.3: Acidifiers - introduction and importance
	1	Lecture-42	Unit.3: Monograph of Dilute hydrochloric acid, Sodium phosphate, Ammonium chloride
	1	Tutorial-21	Unit.3: discussion on acidifiers and drugs monographs
	3	Practical Experiment-21	Experiment-21: Identification tests for sodium bicarbonate
22	1	Lecture-43	Unit.4: Antacids - introduction and classification
	1	Lecture-44	Unit.4: Qualities of an ideal antacid, side effects, advantages, combination therapy, acid neutralizing capacity,
	1	Tutorial-22	Unit.4: discussion on antacids and drugs
	3	Practical Experiment-22	Experiment-22: Identification tests for barium sulphate
23	1	Lecture-45	Unit.4: Monograph of Sodium bicarbonate, Potassium citrate, Aluminium hydroxide gel, Dried aluminium hydroxide gel, Magnesium hydroxide
	1	Lecture-46	Unit.4: Monograph of Light and heavy magnesium trisilicate, light and heavy magnesium carbonate, Calcium carbonate, Magaldrate and Bismuth carbonate
	1	Tutorial-23	Unit.4: revision on drug mono graphs
	3	Practical Experiment-23	Experiment-23: Identification tests for ferrous sulphate
24	1	Lecture-47	Unit.4: Introduction to cathartics
	1	Lecture-48	Unit.4: Monograph of Magnesium hydroxide, Magnesium sulphate, Magnesium carbonate and Sodium phosphate
	1	Tutorial-24	Unit.4: revision on cathartics and drug monographs
	3	Practical Experiment-24	Experiment-24: Identification tests for potassium chloride
SECOND MIDTERM EXAMINATIONS			
25	1	Lecture-49	Unit.4: introduction to electrolyte replacement therapy
	1	Lecture-50	Unit.4: Monograph of Sodium chloride, Potassium chloride, Calcium chloride, Calcium gluconate
	1	Tutorial-25	Unit.4: Revision on electrolytes in physiological conditions.
	3	Practical Experiment-25	Experiment-25: test for the purity of : swelling power of Bentonite
26	1	Lecture-51	Unit.4: Electrolytes used in the acid-base therapy : Sodium acetate, Potassium acetate, Sodium bicarbonate, Potassium bicarbonate,



Principal
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



	1	Lecture-52	Unit.4: Sodium citrate, Sodium lactate, Ammonium chloride
	1	Tutorial-26	Unit.4: Revision on electrolytes in acid base therapy
	3	Practical Experiment-26	Experiment-26: test for the purity of : Acid neutralizing capacity in aluminium hydroxide gel
27	1	Lecture-53	Unit.4: Sodium citrate, Sodium lactate, Ammonium chloride. Electrolyte combination therapy, Compound sodium chloride solution, Sodium chloride injection and Oral rehydration salt.
	1	Lecture-54	Unit.4: introduction to essential trace elements
	1	Tutorial-27	Unit.4: discussion on trace elements and their importance in Haemostasis
	3	Practical Experiment-27	Experiment-27: test for the purity of : Ammonium salts in potashalum
28	1	Lecture-55	Unit.4: Definition, Physiological role of Iron, Copper, Zinc, Chromium
	1	Lecture-56	Unit.4: Physiological role of Manganese, Molybdenum, Selenium, Sulphur and Iodine.
	1	Tutorial-28	Unit.4: discussion on physiological roles of various components.
	3	Practical Experiment-28	Experiment-28: test for the purity of : Adsorption power heavyKaolin
29	1	Lecture-57	Unit.5: Introduction to antimicrobials, definitions and importance of antimicrobial therapy.
	1	Lecture-58	Unit 5: Drug monograph of Hydrogen Peroxide, Potassium Permanganate, Chlorinated Lime, Iodine, Boric Acid, Silver Nitrate, Selenium Sulphides.
	1	Tutorial-29	Unit.5: discussion on antimicrobial therapy and their drugs
	3	Practical Experiment-29	Experiment-29: test for the purity of : Presence of Iodates in KI
30	1	Lecture-59	Unit.5: Introduction to pharmaceutical aids. Monographs of Sodium bisulphite, sodium metabisulphite, bentonite, magnesium stearate, zinc stearate, aluminium sulphate
	1	Lecture-60	Unit.5: Monographs of sodium carboxy methyl cellulose, purified water, water for injection and sterile water for injection.
	1	Tutorial-30	Unit.5: revision on drug mono graphs of pharmaceutical aids.
	3	Practical Experiment-30	Experiment-30: Preparation of Boric acid from borax
31	1	Lecture-61	Unit 5: Introduction to dental products.
	1	Lecture-62	Unit.5: Anti-caries Agents: Role of Fluorides as anti-caries agents, Sodium fluoride.
	1	Tutorial-31	Unit.5: discussion on anti caries agents and other drug mono graphs




Principal
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

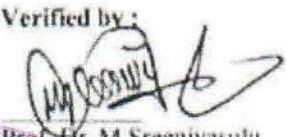


32	3	Practical Experiment-31	Experiment-31: Preparation of potash alum
	1	Lecture-63	Unit.5: <i>Dentifrices</i> : Calcium carbonate, dibasic calcium phosphate, Zinc chloride.
	1	Lecture-64	Unit.5: Sclerosing agents: Hypertonic saline, Sodium tetra decyl sulphate
	1	Tutorial-32	Unit.5: revision on dentifrices and sclerosing agents.
33	3	Practical Experiment-32	Experiment-32: Preparation of calcium lactate.
	1	Lecture-65	Unit.5: Expectorants: Potassium citrate and Potassium iodide
	1	Lecture-66	Unit.5: Sedative: Potassium bromide
	1	Tutorial-33	Unit.5: discussion on expotorants and sedatives
34	3	Practical Experiment-33	Experiment-33: Preparation of magnesium sulphate
	1	Lecture-67	Unit.5: Antidotes: Sodium nitrite, Sodium thiosulphate and Charcoal
	1	Lecture-68	Unit.5: Respiratory stimulant: Ammonium carbonate
	1	Tutorial-34	Unit.5: revision on antidotes and respiratory stimulants.
35	3	Practical Experiment-34	Experiment-34: Preparation of Buffers
	1	Lecture-69	Unit.5: Introduction on Radiopharmaceuticals. Introduction
	1	Lecture-70	Unit.5: measurement of radioactivity, hazards and precautions
	1	Tutorial-35	Unit.5: Revision of measurement of radioactivity and its hazards and precautions.
36	3	Practical Experiment-35	Experiment-35: Determination of pH of buffer solutions.
	1	Lecture-71	Unit.5: clinical applications and dosage
	1	Lecture-72	Unit.5: Revision of old question papers
	1	Tutorial-36	Unit.5: Discussion and revision on clinical applications and dosage of radiopharmaceuticals
37	3	Practical Experiment-36	Experiment-36: Determination of end point in titrations using potentiometry.
	REVISION WEEK		
	THIRD MIDTERM EXAMINATIONS		
	FINAL EXAM PREPARATION BREAK		
FINAL EXAM WEEK			
BREAK			

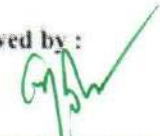
Prepared by :

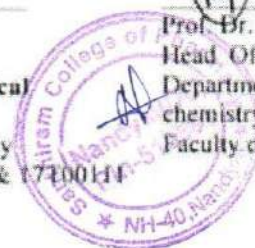

Dr. B. Mohammed Ishaq
Department of Ph. Analysis
Subject Title : Pharmaceutical
Inorganic chemistry
Faculty : Faculty of Pharmacy
Subject Codes : 17T00105 & 17T00114
Date :

Verified by :


Prof. Dr. M. Sreenivasulu
Head Of the Department
Department of Pharmaceutical
chemistry
Faculty of Pharmacy

Approved by :


Prof. Dr. C. Madhusudhana Chetty
Principal
Faculty of Pharmacy


PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Santhiram College of Pharmacy
Nerawada, NH-40, Nandyal-518 501, Andhra Pradesh, India.

ACADEMIC PLANNER

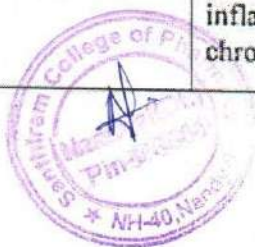
Pathophysiology Theory

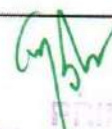
Subject code : 17T00201

LECTURE:72 Hrs./TUTORIAL:36 Hrs.

ACADEMIC PLANNER

WEEK	TIME in Hrs.	MODULE	TOPIC
1	1	Lecture-1	Introduction on pathophysiology
	1	Lecture-2	UNIT 1:Basic Principles of Cell Injury, Adaptation
	1	Tutorial -1	UNIT 1: Introduction on pathophysiology and Basic Principles of Cell Injury, Adaptation
2	1	Lecture-3	UNIT 1:Etiology and pathophysiology of cellular injury
	1	Lecture-4	UNIT 1:morphology of cell injury and Cellular adaptations
	1	Tutorial-2	UNIT 1:Etiology and pathophysiology of cellular injury and morphology of cell injury and Cellular adaptations
3	1	Lecture-5	UNIT 1: Intracellular accumulation of Glycogen storage diseases
	1	Lecture-6	UNIT 1: Intracellular accumulation of lipoproteins disorders
	1	Tutorial-3	UNIT 1: Intracellular accumulation of Glycogen storage diseases and Intracellular accumulation of lipoproteins disorders
4	1	Lecture-7	UNIT 2: mechanism involved in acute inflammation.
	1	Lecture-8	UNIT 2: mechanism involved in chronic inflammation.
	1	Tutorial-4	UNIT 2: mechanism involved in acute inflammation and mechanism involved in chronic inflammation.



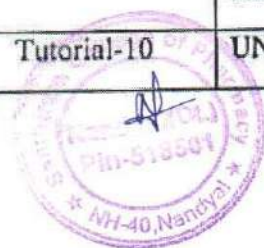

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Santhiram College of Pharmacy
Nerawada, NH-40, Nandyal-518 501, Andhra Pradesh, India.

ACADEMIC PLANNER

5	1	Lecture-9	UNIT 2:mediators of inflammation and healing of wounds
	1	Lecture-10	UNIT 2 : introduction to Diseases of immunity
	1	Tutorial-5	UNIT 2:mediators of inflammation and healing of wounds and introduction to Diseases of immunity
6	1	Lecture-11	UNIT 3 : introduction to MHC proteins or transplantation antigens
	1	Lecture-12	UNIT 3 : classification of MHC proteins and its uses
	1	Tutorial-6	UNIT 3 :introduction to T&B cells
7	1	Lecture -13	UNIT 3 : introduction immune tolerance
	1	Lecture-14	UNIT 3 : introduction to hypersensitivity reactions types
	1	Tutorial-7	UNIT 3 : introduction immune tolerance And hypersensitivity reactions types
8	1	Lecture- 15	UNIT 3 : allergy due to food ,chemical and drugs
	1	Lecture-16	UNIT 3 : pathophysiology of hypersensitivity reactions types , biological significance
	1	Tutorial-8	UNIT 3 : allergy due to food ,chemical and drugs and pathophysiology of hypersensitivity reactions types , biological significance
9	1	Lecture-17	UNIT 3 : criteria for autoimmunity
	1	Lecture-18	UNIT 3): introduction to autoimmunity
	1	Tutorial-9	UNIT 3): criteria for autoimmunity
10	1	Lecture-19	UNIT 3 : mechanism of autoimmunity
	1	Lecture-20	UNIT 3 : classification of autoimmune diseases in man
	1	Tutorial-10	UNIT 3 :causes of autoimmunity



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



ACADEMIC PLANNER

11	1	Lecture-21	UNIT 3 : allograft rejections mechanism
	1	Lecture-22	UNIT 3 : transplantation and immunological tolerance
	1	Tutorial – 11	UNIT 3 : auto graft rejections mechanism
12	1	Lecture-23	UNIT 3 : mechanism of rejection of allograft
	1	Lecture-24	UNIT 3 : transplantation antigens
	1	Tutorial-12	UNIT 3 : Pathophysiology of AIDS (Acquired immune deficiency syndrome)
FIRST MIDTERM EXAMINATIONS			
13	1	Lecture-25	UNIT 4: Introduction on Cancer
	1	Lecture-26	UNIT 4: Introduction on Cancer, Types of cancer
	1	Tutorial – 13	UNIT 4: causes of Cancer, Types of cancer
14	1	Lecture-27	UNIT 4: cell cycle of normal & cancer
	1	Lecture-28	UNIT 4: spread of malignant tumours and invasion and metastasis.
	1	Tutorial-14	UNIT 4: spreading of cancer mechanism
15	1	Lecture-29	UNIT 4 : patterns of disturbances of growth of cells, classification
	1	Lecture-30	UNIT 4: Apoptosis
	1	Tutorial - 15	UNIT 4 : difference between benign and malignant tumours examples
16	1	Lecture-31	UNIT 4 : histological diagnosis of malignancy
	1	Lecture-32	UNIT 4: difference between benign and malignant tumours
	1	Tutorial – 16	UNIT 4 : general biology and etiology and pathogenesis of cancer
17	1	Lecture-33	UNIT 5: introduction of shock
	1	Lecture-34	UNIT 5: mechanism and stages of shock





ACADEMIC PLANNER

18	1	Tutorial – 17	UNIT 5: stages of shock
	1	Lecture-35	UNIT 5: Types of shock and its etiology
	1	Lecture-36	UNIT 5: management of shocks
	1	Tutorial – 18	UNIT 5: mechanism of septic shock
19	1	Lecture-37	UNIT -6 : introduction of biological effects of radiation
	1	Lecture-38	UNIT -6 : acute effects of radiation
	1	Tutorial – 19	UNIT -6 : chronic effects of radiation
20	1	Lecture-39	UNIT -7 : introduction of environmental and nutritional diseases
	1	Lecture-40	UNIT -7 : air pollution and smoking – SO ₂ and NO
	1	Tutorial-20	UNIT -7 : introduction of environmental diseases
21	1	Lecture-41	UNIT -7 : air pollution and smoking – NO ₂ and CO.
	1	Lecture -42	UNIT -7: Nutritional diseases – water soluble vitamins.
	1	Tutorial-21	UNIT -7 : air pollution and smoking – SO ₂ and NO
22	1	Lecture-43	UNIT -7: Nutritional diseases – fat.
	1	Lecture -44	UNIT -7: Nutritional diseases – Obesity
	1	Tutorial-22	UNIT -7: Nutritional diseases -starvation
23	1	Lecture-45	UNIT -7: Nutritional diseases – protein calorie malnutrition,
	1	Lecture -46	UNIT -7: Nutritional diseases - vitamins
	1	Tutorial-23	UNIT -7: Nutritional diseases – vitamins deficiency
24	1	Lecture-47	UNIT -7: Nutritional diseases - starvation
	1	Lecture -48	UNIT -7 : air pollution and smoking – NO ₂ , CO, SO ₂ and NO
	1	Tutorial-24	UNIT -7 : air pollution and smoking



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Santhiram College of Pharmacy
Nerawada, NH-40, Nandyal-518 501, Andhra Pradesh, India.

ACADEMIC PLANNER

			diseases syphilis
31	1	Lecture-61	UNIT -9: sexually transmitted diseases Gonorrhoea
	1	Lecture -62	UNIT -9: sexually transmitted diseases HIV
	1	Tutorial-31	UNIT -9: sexually transmitted diseases Gonorrhoea and HIV
32	1	Lecture-63	UNIT -9: Pathophysiology of urinary tract infections.
	1	Lecture -64	UNIT -9: Pathophysiology of pneumonia
	1	Tutorial-32	UNIT -9: Pathophysiology of urinary tract infections and pneumonia
33	1	Lecture-65	UNIT -9: Pathophysiology of typhoid,malaria
	1	Lecture -66	UNIT -9: Pathophysiology of Tuberculosis
	1	Tutorial-33	UNIT -9: Pathophysiology of typhoid,malaria, Tuberculosis
34	1	Lecture-67	UNIT -9: Pathophysiology of leprosy
	1	Lecture -68	UNIT -9: Pathophysiology of bacterial dysentery
	1	Tutorial-34	UNIT -9: Pathophysiology of leprosy of bacterial dysentery
35	1	Lecture-69	UNIT -9: Pathophysiology of amoebis dysentery
	1	Lecture -70	UNIT -9: Introduction of hepatitis
	1	Tutorial-35	UNIT -9: Pathophysiology of amoebis dysentery and bacterial dysentery
36	1	Lecture-71	UNIT -9: introduction infective hepatitis
	1	Lecture -72	UNIT -9: Pathophysiology of infective hepatitis
	1	Tutorial-36	UNIT -9: causes of infective hepatitis
37			REVISION WEEK



Principal
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Santhiram College of Pharmacy
Nerawada, NH-40, Nandyal-518 501, Andhra Pradesh, India.

ACADEMIC PLANNER

THIRD MID TERM EXAMINATION
FINAL EXAMINATION PREPARATION BREAK
FINAL EXAMINATIONS
BREAK

Prepared by ;

Malan

Dr. A.S .Malan bee
Assistant professor
Department of Pharmacy
Practice

Course : PHARM.D

Faculty : Faculty of
Pharm.D

Course Code : 17T00201

Date

Verified by:

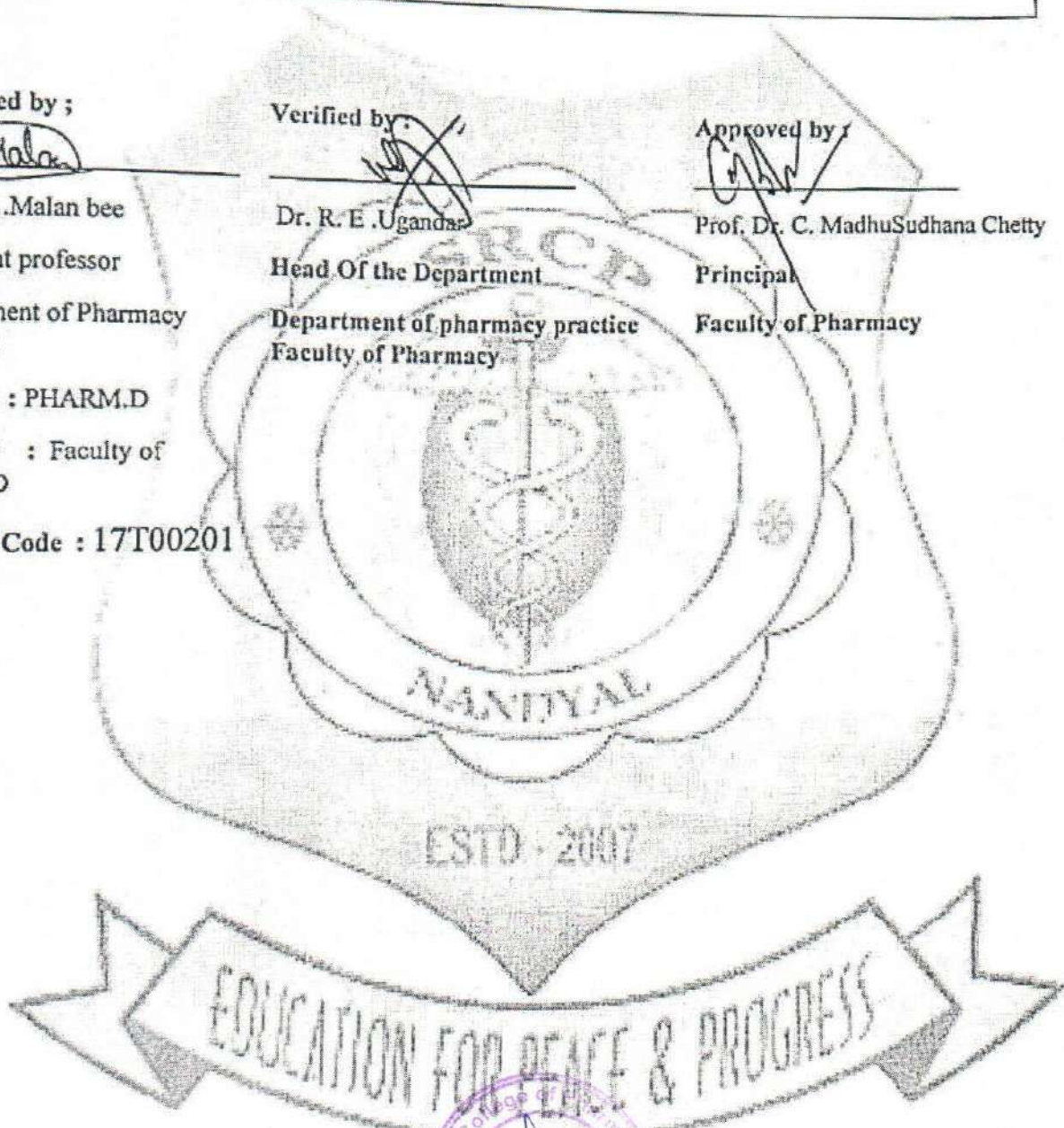
[Signature]

Dr. R. E .Ugandar
Head Of the Department
Department of pharmacy practice
Faculty of Pharmacy

Approved by:

[Signature]

Prof. Dr. C. MadhuSudhana Chetty
Principal
Faculty of Pharmacy



[Signature]

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Medicinal chemistry (Theory and Practical)			
Subject codes : 17T00305 and 17T00310			
LECTURE:72 Hrs./TUTORIAL:36 Hrs./PRACTICAL:108 Hrs.			
Academic Planner			
WEEK	TIME in Hrs.	MODULE	TOPIC
1	1	LECTURE-1	UNIT 1: Introduction about Medicinal chemistry and its importance Discussion about the Course details. Discussion about Assessment pattern of examination schedules
	1	LECTURE-2	UNIT 1: Discussion about Student Course Learning Contract.
	1	LECTURE-3	UNIT 1: Discussion about the references books have to follow for pharmaceutical organic chemistry
	1	TUTORIAL-1	UNIT 1: Common Medical Abbreviations and its Definitions in Medicinal chemistry
	3	PRACTICAL-1	Experiment-1 Introduction about safety of Medicinal chemistry laboratory.
2	1	LECTURE-4	UNIT 1: A brief introduction to Quantitative Structure Activity Relationship (QSAR).
	1	LECTURE-5	UNIT 1: A brief introduction to Quantitative Structure Activity Relationship (QSAR).
	1	LECTURE-6	UNIT 1: Prodrug.
	1	TUTORIAL-2	UNIT 1: Discussion about QSAR and prodrugs
	3	PRACTICAL-2	Experiment-2: Introduction to the medicinal chemistry.
3	1	LECTURE-7	UNIT 1: combinatorial chemistry
	1	LECTURE-8	UNIT 1: combinatorial chemistry
	1	LECTURE-9	UNIT 1: computer aided drug design
	1	TUTORIAL-3	UNIT 1: Review and discussion about solvents, acid base theories.
	3	PRACTICAL-3	Experiment-3: Introduction to the monographs.
4	1	LECTURE-10	UNIT 1: computer aided drug design
	1	LECTURE-11	UNIT 1: computer aided drug design
	1	LECTURE-12	UNIT 1: computer aided drug design
	1	TUTORIAL-4	UNIT 1: Discussion on computer aided drug design
	3	PRACTICAL-4	Experiment-4: Monograph analysis of caffeine.
5	1	LECTURE-13	UNIT 1: concept of antisense molecules.
	1	LECTURE-14	UNIT 1: concept of antisense molecules.
	1	LECTURE-15	UNIT 1: concept of antisense molecules.
	1	TUTORIAL-5	UNIT 1: Discussion on anti sense molecules.
	3	PRACTICAL-5	Experiment-5: Monograph analysis of benzocaine
6	1	LECTURE-16	UNIT 2. Local anti- infective agents
	1	LECTURE-17	UNIT 2: Preservatives
	1	LECTURE-18	UNIT 2: Antifungal agents
	1	TUTORIAL-6	UNIT 2: Antifungal agents, Preservatives
	3	PRACTICAL-6	Experiment-6 : Monograph analysis of lignocaine
7	1	LECTURE-19	UNIT 2 Urinary tract anti- infectives



	1	LECTURE -20	UNIT 2: Antitubercular agents
	1	LECTURE -21	UNIT 2: Antitubercular agents
	1	TUTORIAL-7	UNIT 2: Discussion on Antitubercular agents
	3	PRACTICAL-7	Experiment-7 : Monograph analysis of phenytoin
	8	1	LECTURE- 22	UNIT 2: Antiviral agents and Anti AIDS agents
	1	LECTURE- 23	UNIT 2: Antiviral agents and Anti AIDS agents
	1	LECTURE- 24	UNIT 2: Antiviral agents and Anti AIDS agents
	1	TUTORIAL-8	UNIT 2: Discussion on Antiviral agents and Anti AIDS agents.
	3	PRACTICAL-8	Experiment-8 : Synthesis of barbituric acid from diethyl malonate
	9	1	LECTURE- 25	UNIT 2: Antiprotozoal agents
	1	LECTURE- 26	UNIT 2: Antiprotozoal agents.
	1	LECTURE- 27	UNIT 2: Antiprotozoal agents
	1	TUTORIAL-9	UNIT 2: Discussion on Antiprotozoal agents
	3	PRACTICAL-9	Experiment-9 : Synthesis of phenytoin from benzil
	10	1	LECTURE-28	UNIT 2: Local anti- infective agents.
	1	LECTURE-29	UNIT 2: Local anti- infective agents
	1	LECTURE-30	UNIT 2: Antifungal agents
	1	TUTORIAL-10	UNIT 2: Discussion about Antifungal agents, Local anti-infective agents.
	3	PRACTICAL-10	Experiment-10 : Synthesis of benzocaine from paba
	11	1	LECTURE-31	UNIT 2: Anthelmintics
	1	LECTURE-32	UNIT 2: Anthelmintics
	1	LECTURE-33	UNIT 2: Anthelmintics
	1	TUTORIAL-11	UNIT 2: Discussion about Anthelmintics
	3	PRACTICAL-11	Experiment-11: Synthesis of diazoxide.
	12	1	LECTURE -34	UNIT 2: Antiscabies and Antipedicular agents
	1	LECTURE -35	UNIT 2: Antiscabies and Antipedicular agents
	1	LECTURE -36	UNIT 2: Antiscabies and Antipedicular agents
	1	TUTORIAL-12	UNIT 2: Discussion on Antiscabies and Antipedicular agents
	3	PRACTICAL-12	Experiment-12 : Synthesis of phenothiazine from diphenylamine
	I-MID TERM WEEK		
13	1	LECTURE -37	UNIT 3: Sulphonamides and sulphones
	1	LECTURE -38	UNIT 3: Sulphonamides and sulphones
	1	LECTURE -39	UNIT 3: Sulphonamides and sulphones
	1	TUTORIAL-13	UNIT 3: Discussion on Sulphonamides and sulphones
	3	PRACTICAL-13	Experiment-13: Synthesis of 2,3-diphenylquinoxaline.
14	1	LECTURE -40	UNIT 3: Sulphonamides and sulphones
	1	LECTURE -41	UNIT 3: Sulphonamides and sulphones
	1	LECTURE -42	UNIT 3: Sulphonamides and sulphones
	1	TUTORIAL-14	UNIT 3: Review and discussion on
	3	PRACTICAL-14	Experiment-14 : Synthesis of 7-hydroxy-4-methyl coumarine



15	1	LECTURE -43	UNIT 3: Antimalarials
	1	LECTURE -44	UNIT 3: Antimalarials
	1	LECTURE -45	UNIT 3: Antimalarials
	1	TUTORIAL-15	UNIT 3: Discussion on Antimalarials
	3	PRACTICAL-15	Experiment-15 : Synthesis of benzoic acid from benzil
16	1	LECTURE -46	UNIT 3: Antibiotics
	1	LECTURE -47	UNIT 3: Antibiotics
	1	LECTURE -48	UNIT 3: Antibiotics
	1	TUTORIAL-16	UNIT 3: Discussion on Antibiotics
	3	PRACTICAL-16	Experiment-16 : Synthesis of antipyrine from ethyl acetoacetate
17	1	LECTURE -49	UNIT 3: Antibiotics
	1	LECTURE -50	UNIT 3: Antibiotics
	1	LECTURE -51	UNIT 3: Antibiotics
	1	TUTORIAL-17	UNIT 3: Discussion on Antibiotics
18	3	PRACTICAL-17	Experiment-17 : Synthesis of hydantoin from glycine
	1	LECTURE -52	UNIT 3: Antibiotics
	1	LECTURE -53	UNIT 3: Antibiotics
	1	LECTURE -54	UNIT 3: Antibiotics
	1	TUTORIAL-18	UNIT 3: Discussion on Antibiotics
19	3	PRACTICAL-18	Experiment-18 : synthesis of benzophenone oxime from benzophenone
	1	LECTURE -55	UNIT 4 : Antineoplastic agents
	1	LECTURE -56	UNIT 4 : Antineoplastic agents
	1	LECTURE -57	UNIT 4 : Antineoplastic agents
	1	TUTORIAL-19	UNIT 4 : Discussion on Antineoplastic agents
20	3	PRACTICAL-19	Experiment 19: Monograph analysis of caffeine
	1	LECTURE -58	UNIT 4 Antihypertensive agents
	1	LECTURE -59	UNIT 4 Antihypertensive agents
	1	LECTURE -60	UNIT 4 Antianginal agents and vasodilators
	1	TUTORIAL-20	UNIT 4: Discussion on Antihypertensive agents Antianginal agents and vasodilators
21	3	PRACTICAL-20	Experiment 20: Monograph analysis of benzocaine
	1	LECTURE -61	UNIT 4: Antianginal agents and vasodilators
	1	LECTURE -62	UNIT 4: Antiarrhythmic agents

	1	LECTURE -63	UNIT 4 Antiarrhythmic agents
	1	TUTORIAL-21	UNIT 4 Discussion on Antiarrhythmic agents
	3	PRACTICAL-21	Experiment-21 : Monograph analysis of lignocaine
22	1	LECTURE -64	UNIT 4 Antihyperlipidemic agents
	1	LECTURE -65	UNIT 4 Antihyperlipidemic agents
	1	LECTURE -66	UNIT 4 Coagulants and Anticoagulants
	1	TUTORIAL-22	UNIT 4 Discussion on Coagulants and Anticoagulants
	3	PRACTICAL-22	Experiment-22 : Monograph analysis of phenytoin
23	1	LECTURE -67	UNIT 4 Coagulants and Anticoagulants
	1	LECTURE -68	UNIT 4 Endocrine
	1	LECTURE -69	UNIT 4 Endocrine
	1	TUTORIAL-23	UNIT 4 : Discussion on Coagulants and Anticoagulants, Endocrine.
	3	PRACTICAL-23	Experiment- 23; : Synthesis of phenytoin from benzil
24	1	LECTURE -70	UNIT 4 Endocrine
	1	LECTURE -71	UNIT 4 Endocrine
	1	LECTURE -72	UNIT 4 Endocrine
	1	TUTORIAL-24	UNIT 4: Discussion on Endocrine
	3	PRACTICAL-24	Experiment-24 : Synthesis of barbituric acid from diethyl malonate
II- MID TERM WEEK			
25	1	LECTURE -73	UNIT 5: Hypoglycemic agents
	1	LECTURE -74	UNIT 5: Hypoglycemic agents
	1	LECTURE -75	UNIT 5: Hypoglycemic agents
	1	TUTORIAL-25	UNIT 5: Discussion on Hypoglycemic agents
	3	PRACTICAL-25	Experiment-25 :Synthesis of benzocaine from paba
26	1	LECTURE -76	UNIT 5:Thyroid and Antithyroid agents
	1	LECTURE -77	UNIT 5:Thyroid and Antithyroid agents
	1	LECTURE -78	UNIT 5:Thyroid and Antithyroid agents
	1	TUTORIAL-26	UNIT 5: Discussion on Thyroid and Antithyroid agents
	3	PRACTICAL-26	Experiment-26 : Synthesis of phenytoin from benzil
27	1	LECTURE -79	UNIT 5: Diuretics
	1	LECTURE -80	UNIT 5: Diuretics
	1	LECTURE -81	UNIT 5: Diuretics
	1	TUTORIAL-27	UNIT 5: Discussion on Diuretics

PRINCIPAL



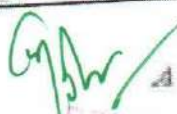
	3	PRACTICAL-27	Experiment-27 : Synthesis of benzocaine from paba
28	1	LECTURE -82	UNIT 5: Diuretics
	1	LECTURE -83	UNIT 5: Diuretics
	1	LECTURE -84	UNIT 5: Diuretics
	1	TUTORIAL-28	UNIT 5: Discussion on Diuretics
	3	PRACTICAL-28	Experiment-28 : Synthesis of phenothiazine from diphenylamine
29	1	LECTURE -85	UNIT 5: Diuretics
	1	LECTURE -86	UNIT 5: Diuretics
	1	LECTURE -87	UNIT 5: Diuretics
	1	TUTORIAL-29	UNIT 5: Discussion on Diuretics
	3	PRACTICAL-29	Experiment-29 : Synthesis of diazoxide
30	1	LECTURE -88	UNIT 5: Diagnostic agents
	1	LECTURE -89	UNIT 5: Diagnostic agents
	1	LECTURE -90	UNIT 5: Diagnostic agents
	1	TUTORIAL-30	UNIT 5: Discussion on Diagnostic agents
	3	PRACTICAL-30	Experiment-30: Synthesis of 2,3-diphenylquinoxaline.
31	1	LECTURE -91	UNIT 5: Diagnostic agents
	1	LECTURE -92	UNIT 5: Diagnostic agents
	1	LECTURE -93	UNIT 5: Diagnostic agents
	1	TUTORIAL-31	UNIT 5: Discussion on Diagnostic agents
	3	PRACTICAL-31	Experiment- 31 : Synthesis of 7-hydroxy-4-methyl coumarine.
32	1	LECTURE -94	UNIT 5: Diagnostic agents
	1	LECTURE -95	UNIT 5: Diagnostic agents
	1	LECTURE -96	UNIT 5: Diagnostic agents
	1	TUTORIAL-32	UNIT 5: Discussion on Diagnostic agents
	3	PRACTICAL-32	Experiment-32: Synthesis of benzoic acid from benzil
33	1	LECTURE -97	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	LECTURE -98	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	LECTURE -99	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	TUTORIAL-33	UNIT 5: Discussion on Steroidal Hormones and Adrenocorticoids
	3	PRACTICAL-33	Experiment-33: Synthesis of antipyrine from ethyl



Santhiram College of Pharmacy (SRCP)
Nerawada, NH-40, Nandyal-518 501, Andhra Pradesh, India.

			acetoacetate
34	1	LECTURE -100	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	LECTURE -101	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	LECTURE -102	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	TUTORIAL-34	UNIT 5: Discussion on Steroidal Hormones and Adrenocorticoids.
	3	PRACTICAL-34	Experiment-34: Synthesis of hydantoin from glycine
35	1	LECTURE -103	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	LECTURE -104	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	LECTURE -105	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	TUTORIAL-35	UNIT 5: Discussion on Steroidal Hormones and Adrenocorticoids
	3	PRACTICAL-35	Experiment-35: Synthesis of benzophenone oxime from benzophenone
36	1	LECTURE -106	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	LECTURE -107	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	LECTURE -108	UNIT 5: Steroidal Hormones and Adrenocorticoids
	1	TUTORIAL-36	UNIT 5: Discussion on Steroidal Hormones and Adrenocorticoids
	3	PRACTICAL-36	Experiment-36: Synthesis of benzophenone oxime from benzophenone
37			REVISION WEEK
			THIRD MIDTERM EXAMINATIONS
			FINAL EXAM PREPARATION BREAK
			FINAL EXAM WEEK
			BREAK

EST NH-40, 2007


PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Santhiram College of Pharmacy
Nerawada, NH-40, Nandyal-518 501, Andhra Pradesh, India.

ACADEMIC PLANNER

V PHARMLD			
Clinical pharmacokinetics and Pharmacotherapeutic drug monitoring			
Subject code : 17T00503			
CREDIT :			
LECTURE: 13weeks /39 Hrs /TUTORIAL:13 Hrs			
CLERKSHIP WITH HOSPITAL WARD ROUNDS on daily basis for first 13 Weeks & PROJECT WORKS : 24 Weeks (from 14 th to 37 th week)			
Academic Planner			
WEEK	TIME in Hrs.	MODULE	TOPIC
1	4	LECTURE 1	UNIT-1 Introduction to clinical pharmacokinetics
		LECTURE 2	UNIT-1 Scope of clinical pharmacokinetics and its applications
		LECTURE 3	UNIT-1 Relation on pharmacokinetics parameters and equations using volume of distribution and clearances in MD and LD
		TUTORIAL -1	UNIT-1 clinical pharmacokinetics problems related Maintenance and loading dose
		CLERKSHIP 1-6	Hospital ward round participation on daily basis
2	4	LECTURE 4	UNIT-2 Introduction to Designing of dosage regimens
		LECTURE 5	UNIT-2 Types and guidelines and different factors to convert from IV to PO therapy
		LECTURE 6	UNIT-2 Methods of designing DF and about factors and nomograms and tabulations
		TUTORIAL -2	UNIT-2 HOW to convert IV to PO therapy and dosing in paediatrics and obese and elderly patients
		CLERKSHIP 7-12	Hospital ward round participation on daily basis
3	4	LECTURE 7	UNIT-3 Introduction to Pharmacokinetic drug interaction



[Signature]
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



ACADEMIC PLANNER

		LECTURE 8	UNIT-3 factors involved in it and its types Pharmacokinetic drug interaction
		LECTURE 9	UNIT-3 factors involved in it and its types and examples of drug – drug interactions
		TUTORIAL -3	UNIT-3 factors involved in it and its types and examples of drug – drug interactions
		CLERKSHIP 13-18	Hospital ward round participation on daily basis
4	4	LECTURE 10	UNIT-3 Inhibition of Biliary Excretion
		LECTURE 11	UNIT-3 Introduction Inhibition and Induction of Drug metabolism
		LECTURE 12	UNIT-3 Inhibition and Induction of Drug metabolism with examples
		TUTORIAL -4	UNIT-3 Discussion about Pharmacokinetic drug interaction
		CLERKSHIP 19-24	Hospital ward round participation on daily basis
5	4	LECTURE 13	UNIT-4 Introduction and Indications for TDM
		LECTURE 14	UNIT-4 Indications for TDM and necessary of TDM
		LECTURE 15	UNIT-4 Individualization of drug dosage regimen Variability – Genetic
		TUTORIAL -5	UNIT-4 Protocol for TDM.
		CLERKSHIP 25-30	Hospital ward round participation on daily basis
I - MID TERM WEEK			
1ST CLERKSHIP REIEW			
6	4	LECTURE 16	UNIT-4 TDM of drugs used in the following disease condition cardiovascular disease
		LECTURE 17	UNIT-4 TDM of drugs used in the following disease conditions- psychiatric drugs
		LECTURE 18	UNIT-4 TDM of drugs used in the following disease conditions - Seizure disorders
		TUTORIAL -6	UNIT-4 Pharmacokinetic/ Pharmacodynamic Correlation in drug therapy
		CLERKSHIP 31-36	Hospital ward round participation on daily basis
7	4	LECTURE 19	UNIT-4 Individualization of drug dosage regimen Variability –Weight and disease
		LECTURE 20	UNIT-4 TDM of drugs used in the following disease conditions - Organ transplantations

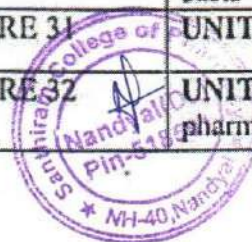


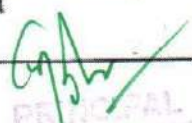
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



ACADEMIC PLANNER

		LECTURE 21	UNIT-4 Individualization of drug dosage regimen Variability – age
		TUTORIAL -7	UNIT-4 Individualization of drug dosage regimen Variability –Interacting drug
		CLERKSHIP 37-42	Hospital ward round participation on daily basis
8	4	LECTURE 22	UNIT-5 Introduction to Renal impairment
		LECTURE 23	UNIT-5 General approach for dosage adjustment in Renal diseases
		LECTURE 24	UNIT-5 Dosage adjustments in RF Patients and Measurement of Glomerular Filtration rate
		TUTORIAL -8	UNIT-5 Dosage adjustments in RF Patients and Measurement of Glomerular Filtration rate
		CLERKSHIP 43-48	Hospital ward round participation on daily basis
9	4	LECTURE 25	UNIT-5 Measurement of Glomerular Filtration rate and creatinine clearance.
		LECTURE 26	UNIT-5 Calculation of creatinine clearance from serum creatinine concentration
		LECTURE 27	UNIT-5 Dosage adjustment for uremic patients
		TUTORIAL -9	UNIT-5 PK and PD correlations and dosage adjustment in Hepatic impaired patients other.
		CLERKSHIP 49-54	Hospital ward round participation on daily basis
II MID TERM EXAMINATION 2ND CLERKSHIP REIEW			
10	4	LECTURE 28	UNIT-5 The nomogram method of siersback-nielsen in dosage adjustments in RF
		LECTURE 29	UNIT-5 Extracorporeal method of drug removal
		LECTURE 30	UNIT-5 PK and PD correlations and dosage adjustment in Hepatic impaired patients and renal failure patients
		TUTORIAL -10	UNIT-5 PK and PD correlations and dosage adjustment in renal failure patients
		CLERKSHIP 55-60	Hospital ward round participation on daily basis
11	4	LECTURE 31	UNIT-6 Introduction to Population PK
		LECTURE 32	UNIT-6 Analysis of Population pharmacokinetic Data




 PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.



ACADEMIC PLANNER

		LECTURE 33	UNIT-6 Discussionon Bayesian Theory Adaptive method or Dosing
		TUTORIAL -11	UNIT-6 Discussionon Bayesian Theory Adaptive method or Dosing with feedback
		CLERKSHIP 61-66	Hospital ward round participation on daily basis
SUMMER VACCATION			
12	4	LECTURE 34	UNIT-7 Introduction to Pharmacogenetics Genetic polymorphism
		LECTURE 35	UNIT-7 Knowledge on Cytochrome P-450 Isoenzymes
		LECTURE 36	UNIT-7 Introduction to Pharmacogenetics Genetic polymorphism with examples
		TUTORIAL -12	UNIT-7 Introduction to Pharmacogenetics Genetic polymorphism in Drug metabolism
		CLERKSHIP 67-72	Hospital ward round participation on daily basis
13	4	LECTURE 37	UNIT-7 Genetic Polymorphism in Drug Targets
		LECTURE 38	UNIT-7 Pharmacogenetics PK and PD correlations
		LECTURE 39	UNIT-7 Genetic Polymorphism in Drug Transport
		TUTORIAL -13	UNIT-7 Pharmacogenetics PK and PD correlations
		CLERKSHIP 73-78	Hospital ward round participation on daily basis
IIIMID TERM EXAMINATION 3RD CLERKSHIP REIEW			
14		PROJECT	Topic selection, collection & review of literature
15		PROJECT	Topic selection, collection & review of literature
16		PROJECT	Topic selection, collection & review of literature
17		PROJECT	Preparation & submission of Project Proposal to IEC
18		PROJECT	Collection of data
19		PROJECT	Collection of data
20		PROJECT	Collection of data
21		PROJECT	Collection of data
1ST REVIEW OF PROJECT			
22		PROJECT	Collection of data




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Santhiram College of Pharmacy
Nerawada, NH-40, Nandyal-518 501, Andhra Pradesh, India.

ACADEMIC PLANNER

23		PROJECT	Collection of data
24		PROJECT	Collection of data
25		PROJECT	Collection of data
26		PROJECT	Collection of data
27		PROJECT	Collection of data
28		PROJECT	Collection of data
29		PROJECT	Collection of data
2nd REVIEW OF PROJECT			
30		PROJECT	Collection of data
31		PROJECT	Collection of data
32		PROJECT	Collection of data
33		PROJECT	Data analysis, results discussion
34		PROJECT	Data analysis, results discussion
35		PROJECT	Data analysis, results discussion
36		PROJECT	Data analysis, results discussion
37		PROJECT	Final submission
3rd REVIEW OF PROJECT			
PREPARATION AND PROJECT VIVA VERSE EXAMINATION			
END EXAMS			

ESTD - 2007

Prepared by:

(Signature)

Dr. A.S. Malan bee
Assistant professor
Department of Pharmacy Practice
Course : PHARM.D
Faculty : Faculty of Pharm.D
Course Code : 17T00503
Date

Verified by:

(Signature)

Dr. R. E. Ugandur
Head of the Department
Department of pharmacy
practice
Faculty of Pharmacy



Approved by:

(Signature)

Prof. Dr. C. Madhu Sudhana Chetty
Principal
Faculty of Pharmacy

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



ACADEMIC PLANNER

BIOSTATISTICS AND RESEARCH METHODOLOGY (THEORY)

Subject code : 17T00404

LECTURE:108 Hrs./TUTORIAL:36 Hrs

WEEK	TIME In Hrs.	MODULE	TOPIC
1	1	LECTURE-1	Research Methodology
	1	LECTURE-2	Types of clinical study designs.
	1	LECTURE-3	Types of clinical study designs
	1	TUTORIAL-1	Types of clinical study designs
2	1	LECTURE-4	UNIT 1: Designing the methodology
	1	LECTURE-5	UNIT 1: Designing the methodology
	1	LECTURE-6	UNIT 1: Designing the methodology
	1	TUTORIAL-2	UNIT 1: Sample size determination
3	1	LECTURE-7	UNIT 1: Sample size determination
	1	LECTURE-8	UNIT 1: Sample size determination
	1	LECTURE-9	UNIT 1: Sample size determination
	1	TUTORIAL-3	UNIT 1: Sample size determination
4	1	LECTURE-10	UNIT 1: Power of a study
	1	LECTURE-11	UNIT 1: Power of a study
	1	LECTURE-12	UNIT 1: determination of sample size to obtain a confidence interval of specified width, power of a study
	1	TUTORIAL-4	UNIT 1: determination of sample size to obtain a confidence interval of specified width, power of a study
5	1	LECTURE-13	UNIT 1: Report writing and presentation of data
	1	LECTURE-14	UNIT 1: Report writing and presentation of data
	1	LECTURE-15	UNIT 1: Report writing and presentation of data
	1	TUTORIAL-5	UNIT 1: Report writing and presentation of data
6	1	LECTURE-16	UNIT 2: Biostatistics
	1	LECTURE-17	UNIT 2: Types of data distribution
	1	LECTURE-18	UNIT 2: Types of data distribution
	1	TUTORIAL-6	UNIT 2: Types of data distribution
7	1	LECTURE -19	UNIT 2: Measures describing the central tendency distributions
	1	LECTURE -20	UNIT 2: Measures describing the central tendency distributions
	1	LECTURE-21	UNIT 2: Measures describing the central tendency distributions
	1	TUTORIAL-7	UNIT 2: Measures describing the central tendency distributions
8	1	LECTURE -22	UNIT 2: Measurement of the spread of data
	1	LECTURE -23	UNIT 2: Measurement of the spread of data
	1	LECTURE -24	UNIT 2: Measurement of the spread of data
	1	TUTORIAL-8	UNIT 2: Measurement of the spread of data
9	1	LECTURE- 25	UNIT 2: Measurement of the spread of data
	1	LECTURE- 26	UNIT 2: Measurement of the spread of data
	1	LECTURE- 27	UNIT 2: Measurement of the spread of data
	1	TUTORIAL-9	UNIT 2: Measurement of the spread of data



10	1	LECTURE- 28	UNIT 2: Data graphics
	1	LECTURE- 29	UNIT 2: Data graphics
	1	LECTURE- 30	UNIT 2: Data graphics
	1	TUTORIAL-10	UNIT 2: Data graphics
11	1	LECTURE-31	UNIT 2: Data graphics
	1	LECTURE-32	UNIT 2: Data graphics
	1	LECTURE-33	UNIT 2: Data graphics
	1	TUTORIAL-11	UNIT 2: Data graphics
12	1	LECTURE-34	UNIT 2: Data graphics
	1	LECTURE-35	UNIT 2: Data graphics
	1	LECTURE-36	UNIT 2: Data graphics
	1	TUTORIAL-12	Explanation on 1 & 2 Chapters Overall
I-MID TERM PREPARATION WEEK MID TERM WEEK MID TERM BREAK			
13	1	LECTURE -37	UNIT 3: Basics of testing hypothesis
	1	LECTURE -38	UNIT 3: Null hypothesis
	1	LECTURE -39	UNIT 3: Null hypothesis
	1	TUTORIAL-13	UNIT 3: Null hypothesis
14	1	LECTURE -40	UNIT 3: Null hypothesis
	1	LECTURE -41	UNIT 3: level of significance
	1	LECTURE -42	UNIT 3: level of significance
	1	TUTORIAL-14	UNIT 3: level of significance
15	1	LECTURE -43	UNIT 3: level of significance
	1	LECTURE -44	UNIT 3: power of test, P value,
	1	LECTURE -45	UNIT 3: power of test, P value,
	1	TUTORIAL-15	UNIT 3: power of test, P value,
16	1	LECTURE -46	UNIT 3: power of test, P value,
	1	LECTURE -47	UNIT 3: power of test, P value,
	1	LECTURE -48	UNIT 3: statistical estimation of confidence intervals.
	1	TUTORIAL-16	UNIT 3: Null hypothesis, power of test, P value,
17	1	LECTURE -49	UNIT 3: Parametric data- students t test (paired and unpaired)
	1	LECTURE -50	UNIT 3: Parametric data- students t test (paired and unpaired)
	1	LECTURE -51	UNIT 3: Parametric data- students t test (paired and unpaired)
	1	TUTORIAL-17	UNIT 3: Parametric data- students t test (paired and unpaired)
18	1	LECTURE -52	UNIT 3: Parametric data- students t test (paired and unpaired)
	1	LECTURE -53	UNIT 3: chi Square test
	1	LECTURE -54	UNIT 3: chi Square test
	1	TUTORIAL-18	UNIT 3: chi Square test
19	1	LECTURE -55	UNIT 3: Analysis of Variance (one-way and two-way)
	1	LECTURE -56	UNIT 3: Analysis of Variance (one-way and two-way)
	1	LECTURE -57	UNIT 3: Analysis of Variance (one-way and two-way)
	1	TUTORIAL-19	UNIT 3: Analysis of Variance (one-way and two-way)
20	1	LECTURE -58	UNIT 3: Non-parametric data- Sign test
	1	LECTURE -59	UNIT 3: Non-parametric data- Sign test




21	1	LECTURE -60	UNIT 3: Wilcoxon's signed rank test
	1	TUTORIAL-20	UNIT 3: Wilcoxon's signed rank test
	1	LECTURE -61	UNIT 3: Wilcoxon's signed rank test
	1	LECTURE -62	UNIT 3: Wilcoxon's signed rank test
	1	LECTURE -63	UNIT 3: Wilcoxon rank sum test
	1	TUTORIAL-21	UNIT 3: Wilcoxon rank sum test
22	1	LECTURE -64	UNIT 3: Wilcoxon rank sum test
	1	LECTURE -65	UNIT 3: Mann Whitney U test
	1	LECTURE -66	UNIT 3: Mann Whitney U test
	1	TUTORIAL-22	UNIT 3: Mann Whitney U test
23	1	LECTURE -67	UNIT 3: Kruskal-Wallis test
	1	LECTURE -68	UNIT 3: Kruskal-Wallis test
	1	LECTURE -69	UNIT 3: Kruskal-Wallis test
	1	TUTORIAL-23	UNIT 3: Linear regression and correlation-
24	1	LECTURE -70	UNIT 3: Linear regression and correlation-
	1	LECTURE 71	UNIT 3: Linear regression and correlation-
	1	LECTURE -72	UNIT 3: Introduction to statistical software: SPSS, Epi Info, SAS
	1	TUTORIAL-24	UNIT 3: Introduction to statistical software: SPSS, Epi Info, SAS
II-MID TERM PREPARATION WEEK MID TERM WEEK MID TERM BREAK			
25	1	LECTURE -73	UNIT 4: Statistical methods in epidemiology
	1	LECTURE 74	UNIT 4: Incidence and prevalence
	1	LECTURE -75	UNIT 4: Incidence and prevalence
	1	TUTORIAL-25	UNIT 4: Incidence and prevalence
26	1	LECTURE -76	UNIT 4: Incidence and prevalence
	1	LECTURE -77	UNIT 4: relative risk, attributable risk
	1	LECTURE -78	UNIT 4: relative risk, attributable risk
	1	TUTORIAL-26	UNIT 4: relative risk, attributable risk
27	1	LECTURE -79	UNIT 4: relative risk, attributable risk
	1	LECTURE -80	UNIT 5: Computer applications in pharmacy
	1	LECTURE -81	UNIT 5: Computer System in Hospital Pharmacy
	1	TUTORIAL-27	UNIT 5: Patterns of Computer use in Hospital Pharmacy
28	1	LECTURE -82	UNIT 5: Patient record database management
	1	LECTURE -83	UNIT 5: Medication order entry
	1	LECTURE -84	UNIT 5: Drug labels and list
	1	TUTORIAL-28	UNIT 5: Intravenous solution and admixture
29	1	LECTURE -85	UNIT 5: patient medication profiles
	1	LECTURE -86	UNIT 5: Inventory control
	1	LECTURE -87	UNIT 5: Inventory control
	1	TUTORIAL-29	UNIT 5: Management report & Statistics.
30	1	LECTURE -88	UNIT 5: Computer In Community Pharmacy
	1	LECTURE -89	UNIT 5: Computer In Community Pharmacy
	1	LECTURE -90	UNIT 5: Computer In Community Pharmacy
	1	TUTORIAL-30	UNIT 5: Computer In Community Pharmacy
31	1	LECTURE -91	UNIT 5: Computer In Community Pharmacy
	1	LECTURE -92	UNIT 5: Computer In Community Pharmacy
	1	LECTURE -93	UNIT 5: Computer In Community Pharmacy
	1	TUTORIAL-31	UNIT 5: Drug Information Retrieval & Storage:






32	1	LECTURE -94	UNIT 5: Drug Information Retrieval & Storage:
	1	LECTURE -95	UNIT 5: Drug Information Retrieval & Storage:
	1	LECTURE -96	UNIT 5: Drug Information Retrieval & Storage:
	1	TUTORIAL-32	UNIT 5: Drug Information Retrieval & Storage:
33	1	LECTURE -97	UNIT 5: Drug Information Retrieval & Storage:
	1	LECTURE -98	Revision of data
	1	LECTURE -99	Revision of study designs
	1	TUTORIAL-33	Revision of sample size
34	1	LECTURE -100	Revision of central tendency
	1	LECTURE -101	Revision of spread of data
	1	LECTURE -102	Revision of spread of data
	1	TUTORIAL-34	Revision of data graphics
35	1	LECTURE -103	Revision of basics of biostatistics
	1	LECTURE -104	Revision of parametric tests
	1	LECTURE -105	Revision of parametric tests
	1	TUTORIAL-35	Revision of Non-parametric tests
36	1	LECTURE -106	Revision of Non-parametric tests
	1	LECTURE -107	Revision of risk calculators
	1	LECTURE -108	Revision of computer use in hospital & Community Pharmacy
	1	TUTORIAL-36	Revision of information storage and retrieval
37	REVISION WEEK		
III-MID TERM PREPARATION WEEK			
MID TERM WEEK			
MID TERM BREAK			
FINAL EXAM PREPARATION WEEK			
FINAL EXAM WEEK			
FINAL EXAM BREAK			

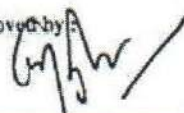
Prepared by :

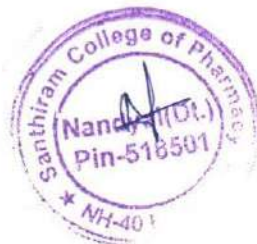

Dr. Battula Pradeep
Associate Professor
Department of Pharmacy practice
Subject Title: Biostatistics & Research
Methodology (BSRM)
Faculty : Faculty of Pharmacy
Course Code : 17T00404
Date :

Verified by :


Prof. Dr. R.E. Ugandar
Head Of the Department
Department of Pharmaceutics
Faculty of Pharmacy

Approved by :


Prof. Dr. Madhusudhana Chetty
Principal
Faculty of Pharmacy





PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Santhiram College of Pharmacy

Nerawada, NH-40, Nandyal-518 501, Andhra Pradesh, India.

Lesson Plan-Theory

M.PHARM. IN INDUSTRIAL PHARMACY

Sub: PHARMACEUTICAL INDUSTRIAL MANAGEMENT (21S08203)

S.No	Week	No of Hrs	Topic	Reference
UNIT-I				
1	1	1	Human resource planning, job analysis and design, recruitment	R1
2		1	Personnel selection, orientation and placement	R2
3		1	Training and development, supervision	R5
4		1	Performance appraisal key result area	R2
5	2	1	Performance appraisal key result area	R5
6		1	key performance area remuneration and salaries	R3
7		1	Compensation and incentives, industrial relations, motivation.	R3
8		1	Compensation and incentives, industrial relations, motivation.	R2
UNIT-II				
9	3	1	Total quality management	R4
10		1	Organization and personnel	R1
11		1	responsibilities	R3
12		1	Training, hygiene Premises: Location, design, layout	R2
13	4	1	construction, maintenance, sanitations, environmental control	R4
14		1	sterile areas, control contamination	R1
15		1	Equipment's procedure and documentation for selection	R2
16		1	purchase, specification, installation and maintenance	R5
17	5	1	purchase, specification, installation and maintenance	R4



[Signature]
Principal
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

18		1	Clean in place, sterilization in place	R5
UNIT-III				
19	5	1	Production organization, objectives and policies of good manufacturing practices	R1
20		1	Production organization, objectives and policies of good manufacturing practices	R1
21	6	1	layout of buildings, services, equipments and their maintenance,	R2
22		1	layout of buildings, services, equipments and their maintenance,	R2
23		1	materials management	R4
24		1	handling and transportation	R4
25	7	1	inventory management and control	R3
26		1	production planning and control, selection of vendors	R3
27		1	purchase cycle, sales forecasting, budget and cost control	R4
UNIT-IV				
28	7	1	General Principles of Validation	R1
29	8	1	General Principles of Validation	R1
30		1	Regulatory basis	R3
31		1	validation of pharmaceutical equipment and processes	R4
32		1	validation of pharmaceutical equipment and processes	R2
33		1	validation of pharmaceutical equipment and processes	R3
34	9	1	validation of analytical methods	R2
35		1	validation of analytical methods	R3
UNIT-V				
36	9	1	Chemical hazards, gas hazards	R1
37	10	1	fire and explosion hazards, safety management	R5




PRINCIPAL
 Santhra College of Pharmacy
 NH-40, Nandyal-518501, A.P.

38		1	Water pollution, water Pollution abatement and effluent treatment	R2
39		1	Air Pollution, air Pollution Control Devices	R1
40		1	Solid waste, Solid Waste Management	R5
41	11	1	Noise Pollution, Noise Abatement	R5
42		1	Effluent Analysis and Treatment-Methods	R1
43		1	Effluent Treatment in Formulation Plants	R1
45		1	Effluent Treatment in Synthetic Drugs Industry	R5
46	12	1	Effluent Treatment in Synthetic Drugs Industry	R5
47		1	Effluent Treatment in Fermentation Industry	R1
48		1	Effluent Treatment in Fermentation Industry	R5
49		1	Introduction of Echo Parmacovigilance	R5



(Handwritten signature in green ink)

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

Academic Reports Program wise

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

I B. PHARM ACADEMIC REPORT 2023 - 2024

S. No.	Course Code	Course Name	Hours per Week				Credits
			L	T	P		
1.	BP101T	Human Anatomy and Physiology - I	3	1	-	4	
2.	BP102T	Pharmaceutical Analysis	3	1	-	4	
3.	BP103T	Pharmaceutics - I	3	-	-	3	
4.	BP104T	Pharmaceutical Inorganic Chemistry	3	-	-	3	
5.	BP105T	Communication Skills	2	-	-	2	
6.	BP106RBT BP106RMT	Remedial Biology ^s / Remedial Mathematics	2/3	-	-	2/3	
7.	BP101P	Human Anatomy and Physiology - I Lab	-	-	3	1.5	
8.	BP102P	Pharmaceutical Analysis Lab	-	-	3	1.5	
9.	BP103P	Pharmaceutics - I Lab	-	-	3	1.5	
10.	BP104P	Pharmaceutical Inorganic Chemistry Lab	-	-	3	1.5	
11.	BP105P	Communication Skills Lab	-	-	2	1	
12.	BP106RBP	Remedial Biology Lab ^s	-	-	2	1	
		Total	16/17	2	16/14	26	



(Signature)
 PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

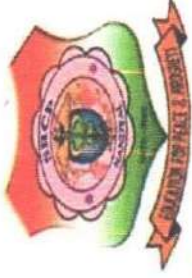
II B. PHARM ACADEMIC REPORT 2023 - 2024

S.No.	Course Code	Course Name	Hours per week			Credits
			L	T	P	
1.	BP201T	Human Anatomy and Physiology - II	3	1	-	4
2.	BP202T	Pharmaceutical Organic Chemistry - I	3	1	-	4
3.	BP203T	Biochemistry	3	1	-	4
4.	BP204T	Computer Applications in Pharmacy	3	-	-	3
5.	BP205T	Environmental Sciences	2	-	-	2
6.	BP206T	Social and Preventive Pharmacy	3	-	-	3
7.	BP201P	Human Anatomy and Physiology - II Lab	-	-	3	1.5
8.	BP202P	Pharmaceutical Organic Chemistry - I Lab	-	-	3	1.5
9.	BP203P	Biochemistry Lab	-	-	3	1.5
10.	BP204P	Computer Applications in Pharmacy Lab	-	-	3	1.5
		Total	17	3	12	26



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

II B. PHARM I SEM ACADEMIC REPORT 2023 - 2024

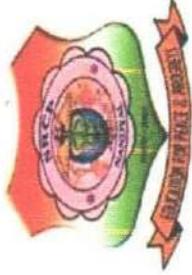
S.No.	Course Code	Course Name	Hours per week			Credits
			L	T	P	
1.	23BP301T	Pharmaceutical Organic Chemistry II- Theory	3	1	-	4
2.	23BP302T	Physical Pharmaceutics I-Theory	3	1	-	4
3.	23BP303T	Pharmaceutical Microbiology-Theory	3	1	-	4
4.	23BP304T	Pharmaceutical Engineering-Theory	3	-	-	3
5.	23BP305T	Pathophysiology -Theory	3	-	-	3
6.	23BP301P	Pharmaceutical Organic Chemistry II -Practical	-	-	3	1.5
7.	23BP302P	Physical Pharmaceutics I-Practical	-	-	3	1.5
8.	23BP303P	Pharmaceutical Microbiology-Practical	-	-	3	1.5
9.	23BP304P	Pharmaceutical Engineering-Practical	-	-	3	1.5
10.	23BP305	Skill Oriented course - 1 Preparation of cosmetics (any five)	1	-	2	2
11.	23BP306	Non-Credit Mandatory Course Universal Human values and Professional ethics	3	-	-	-
		Total	19	3	14	26



[Handwritten Signature]

PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501.A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

II B. PHARM II SEM ACADEMIC REPORT 2023 - 2024

S.No.	Course Code	Course Name	Hours per week			Credits
			L	T	P	
1.	23BP401T	Medicinal Chemistry I-Theory	3	1	-	4
2.	23BP402T	Physical Pharmaceutics II-Theory	3	1	-	4
3.	23BP403T	Pharmacology I-Theory	3	1	-	4
4.	23BP404T	Pharmacognosy and Phytochemistry I-Theory	3	-	-	3
5.	23BP405T	Pharmaceutical Jurisprudence-Theory	3	-	-	3
6.	23BP401P	Medicinal Chemistry I-Practical	-	-	3	1.5
7.	23BP402P	Physical Pharmaceutics II-Practical	-	-	3	1.5
8.	23BP403P	Pharmacology I-Practical	-	-	3	1.5
9.	23BP404P	Pharmacognosy and Phytochemistry I-Practical	-	-	3	1.5
10.	23BP405	Skill Oriented course-II Synthesis of API drugs (minimum five)	1	-	2	2
		Total	16	3	14	26




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

I PHARM.D ACADEMIC REPORT 2023 - 2024

Name of the subject	Theory		Practicals		Tutorials	
	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
Human Anatomy & Physiology	75	86	75	75	25	25
Pharmaceutics	50	68	75	75	25	25
Medicinal Biochemistry	75	79	75	75	25	25
Pharmaceutical Organic Chemistry	75	82	75	75	25	25
Pharmaceutical Inorganic Chemistry	50	62	75	75	25	25
Remedial Mathematics	75	76	-	-	25	25
Remedial Biology	75	-	75	-	25	-



[Signature]

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

II PHARM.D ACADEMIC REPORT 2023-2024

Name of the subject	Theory		Practicals		Tutorials	
	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
Pathophysiology	75	77	-	-	25	25
Pharmaceutical Microbiology	75	79	75	75	25	25
Pharmacognosy & Phytopharmaceuticals	75	85	75	75	25	25
Pharmacology-I	75	82	-	-	25	25
Community Pharmacy	50	59	-	-	25	25
Pharmacotherapeutics-I	75	82	75	75	25	25



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

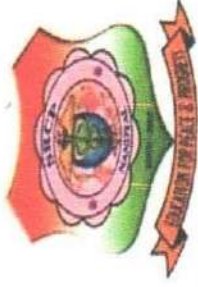
III PHARM.D ACADEMIC REPORT 2023-2024

Name of the subject	Theory		Practicals		Tutorials	
	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
Pharmacology-II	75	83	75	75	25	25
Pharmaceutical Analysis	75	81	75	75	25	25
Pharmacotherapeutics-II	75	78	75	75	25	25
Pharmaceutical Jurisprudence	50	63	-	-	-	-
Medicinal Chemistry	75	80	75	75	25	25
Pharmaceutical Formulations	50	60	75	75	25	25



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

IV PHARM.D ACADEMIC REPORT 2023 - 2024

Name of the subject	Theory		Practicals		Tutorials	
	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
Pharmacotherapeutics-III	75	83	75	75	25	25
Hospital Pharmacy	50	62	75	75	25	25
Clinical Pharmacy	75	81	75	75	25	25
Biostatistics & Research Methodology	50	65	-	-	25	25
Biopharmaceutics & Pharmacokinetics	75	85	75	75	25	25
Clinical Toxicology	50	66	-	-	25	25



[Signature]

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

V PHARM.D ACADEMIC REPORT 2023-2024

Name of the subject	Theory		Practicals		Tutorials	
	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
Clinical Research	75	89	-	-	25	25
Pharmacoepidemiology and Pharmacoeconomics	75	77	-	-	25	25
Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	50	61	-	-	25	25
Clerkship	-	-	-	-	-	-
Project work (Six Months)	-	-	500	500	25	25



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

I M. PHARM PHARMACEUTICS ACADEMIC REPORT 2023 - 2024

Semester	Name of the subject	Theory		Practicals		Tutorials	
		Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
1	Modern Pharmaceutical Analytical Techniques	60	65	-	-	-	-
1	Drug Delivery System	60	66	-	-	-	-
1	Modern Pharmaceutics	60	60	-	-	-	-
1	Regulatory Affair	60	67	-	-	-	-
1	Pharmaceutics Practical - I	-	-	180	180	-	-
2	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	60	63	-	-	-	-
2	Advanced Biopharmaceutics & Pharmacokinetics	60	65	-	-	-	-
2	Computer Aided Drug Delivery System	60	60	-	-	-	-
2	Cosmetic and Cosmeceuticals	60	60	-	-	-	-
2	Pharmaceutics Practical II	-	-	180	180	-	-



PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

II M. PHARM PHARMACEUTICS ACADEMIC REPORT 2023-2024

Semester	Name of the subject	Theory		Practicals		Tutorials	
		Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
3	Research Methodology and Biostatistics	60	65	-	-	-	-
3	Journal club	-	-	15	15	-	-
3	Discussion / Presentation (Proposal Presentation)	-	-	30	30	-	-
3	Research Work	-	-	420	420	-	-
4	Journal club	-	-	15	15	-	-
4	Research Work	-	-	465	465	-	-
4	Discussion / Presentation (Proposal Presentation)	-	-	30	30	-	-

[Handwritten Signature]



PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

I.M. PHARM INDUSTRIAL PHARMACY ACADEMIC REPORT 2023 - 2024

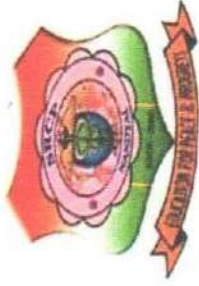
Semester	Name of the subject	Theory		Practicals		Tutorials	
		Prescribed Noof hours	No of hours Conducted	Prescribed Noof hours	No of hours Conducted	Prescribed Noof hours	No of hours Conducted
1	Modern Pharmaceutical Analytical Techniques	60	65	-	-	-	-
1	Pharmaceutical Formulation Development	60	65	-	-	-	-
1	Novel drug delivery systems	60	66	-	-	-	-
1	Intellectual Property Rights	60	66	-	-	-	-
1	Industrial Pharmacy Practical - I	-	-	180	180	-	-
2	Advanced Biopharmaceutics & Pharmacokinetics	60	63	-	-	-	-
2	Scale up & Technology Transfer	60	60	-	-	-	-
2	Pharmaceutical Production Technology	60	64	-	-	-	-
2	Entrepreneurship Management	60	65	-	-	-	-
2	Industrial Pharmacy Practical - II	-	-	180	180	-	-



[Signature]

PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

II M. PHARM INDUSTRIAL PHARMACY ACADEMIC REPORT 2023 - 2024

Semester	Name of the subject	Theory		Practicals		Tutorials	
		Prescribed Noof hours	No of hours Conducted	Prescribed Noof hours	No of hours Conducted	Prescribed Noof hours	No of hours Conducted
3	Modern Pharmaceutical Analytical Techniques	60	63	-	-	-	-
3	Pharmaceutical Formulation Development	60	66	-	-	-	-
3	Novel drug delivery systems	60	65	-	-	-	-
3	Intellectual Property Rights	60	65	-	-	-	-
3	Industrial Pharmacy Practical - I	-	-	180	180	-	-
4	Advanced Biopharmaceutics & Pharmacokinetics	60	62	-	-	-	-
4	Scale up & Technology Transfer	60	61	-	-	-	-
4	Pharmaceutical Production Technology	60	65	-	-	-	-
4	Entrepreneurship Management	60	63	-	-	-	-
4	Industrial Pharmacy Practical - II	-	-	180	180	-	-



(Signature)

PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

I M.PHARM PHARMACEUTICAL ANALYSIS ACADEMIC REPORT 2023 - 2024

Semester	Name of the subject	Theory		Practicals		Tutorials	
		Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
1	Modern Pharmaceutical Analytical Techniques	60	64	-	-	-	-
1	Advanced Pharmaceutical Analysis	60	60	-	-	-	-
1	Pharmaceutical Validation	60	65	-	-	-	-
1	Food Analysis	60	64	-	-	-	-
1	Pharmaceutical Analysis Practical - I	-	-	180	180	-	-
2	Advanced Instrumental Analysis	60	65	-	-	-	-
2	Modern Bio-Analytical Techniques	60	65	-	-	-	-
2	Quality Control and Quality Assurance	60	60	-	-	-	-
2	Herbal and Cosmetic Analysis	60	61	-	-	-	-
2	Pharmaceutical Analysis Practical - II	-	-	180	180	-	-



[Handwritten Signature]

PRINCIPAL
 SantHIRAM College of Pharmacy
 NH-18, Nandyal, 518501, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

II M.PHARM PHARMACEUTICAL ANALYSIS ACADEMIC REPORT 2023 - 2024

Semester	Name of the subject	Theory		Practicals		Tutorials	
		Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted
3	Modern Pharmaceutical Analytical Techniques	60	63	-	-	-	-
3	Advanced Pharmaceutical Analysis	60	62	-	-	-	-
3	Pharmaceutical Validation	60	63	-	-	-	-
3	Food Analysis	60	65	-	-	-	-
3	Pharmaceutical Analysis Practical - I	-	-	180	180	-	-
4	Advanced Instrumental Analysis	60	61	-	-	-	-
4	Modern Bio-Analytical Techniques	60	63	-	-	-	-
4	Quality Control and Quality Assurance	60	63	-	-	-	-
4	Herbal and Cosmetic Analysis	60	64	-	-	-	-
4	Pharmaceutical Analysis Practical - II	-	-	180	180	-	-



PRINCIPAL
 Santhiram College of Pharmacy
 NH-18, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

I M. PHARM PHARMACOLOGY ACADEMIC REPORT 2023 - 2024

Semester	Name of the subject	Theory		Practicals		Tutorials	
		Prescribed Noof hours	No of hours Conducted	Prescribed No of hours	No of hours Conducted	Prescribed Noof hours	No of hours Conducted
1	Modern Pharmaceutical Analytical Techniques	60	-	-	-	-	-
1	Advanced Pharmacology-I	60	-	-	-	-	-
1	Pharmacological and Toxicological Screening Methods-I	60	-	-	-	-	-
1	Cellular and Molecular Pharmacology	60	-	-	-	-	-
1	Pharmacology Practical -I	-	-	18	-	-	-
2	Advanced Pharmacology-II	60	-	0	-	-	-
2	Pharmacological and Toxicological Screening Method II	60	-	-	-	-	-
2	Principles of Drug Discovery	60	-	-	-	-	-
2	Experimental Pharmacology Practical -II	60	-	-	-	-	-
2	Pharmacology Practical - II	60	-	-	-	-	-



SANTHIRAM COLLEGE OF PHARMACY
 Nandyal, Kurnool District, Andhra Pradesh
 N. No. 40, Nandyal, A.P.

Phone : 08514 - 276211, 276212
 Fax : 08514 - 276213



Email : srcp07hc@gmail.com
 srcn07hc@yahoo.com
 Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
 NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

II M.PHARM PHARMACOLOGY ACADEMIC REPORT 2023 - 2024

Semester	Name of the subject	Theory		Practicals		Tutorials	
		Prescribed Noof hours	No of hours Conducted	Prescribed Noof hours	No of hours Conducted	Prescribed Noof hours	No of hours Conducted
3	Modern Pharmaceutical Analytical Techniques	60	-	-	-	-	-
3	Advanced Pharmacology-I	60	-	-	-	-	-
3	Pharmacological and Toxicological Screening Methods-I	60	-	-	-	-	-
3	Cellular and Molecular Pharmacology	60	-	-	-	-	-
3	Pharmacology Practical -I	-	-	-	-	-	-
4	Advanced Pharmacology II	60	-	180	-	-	-
4	Pharmacological and Toxicological Screening Methods-II	60	-	-	-	-	-
4	Principles of Drug Discovery	60	-	-	-	-	-
4	Experimental Pharmacology Practical -II	60	-	-	-	-	-
4	Pharmacology Practical - II	60	-	-	-	-	-



PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

Attendance Registers

SANTHIRAM COLLEGE OF PHARMACY
NANDYAL, ANDHRA PRADESH, INDIA

IV B. PHARM – II SEMESTER

SUB: PHARMACOVIGILANCE

AY: 2023-2024

SANTHIRAM COLLEGE OF PHARMACY



NANDYAL - 518 501.

*Affiliated to JNTUA, Ananthapuramu, Approved by PCI & AICTE
New Delhi.*

STUDENT ATTENDANCE REGISTER

Academic Calender 2023 - 2024.

	Mid I	Mid II	Mid III	THU	End Lab Exams	End Theory Exams
<i>Dates</i>						

STAFF TIME TABLE

Day/Time	09.30 - 10.30 1	10.30 - 11.30 2	11.40 - 12.40 3		01.40 - 02.40 5	02.40 - 03.40 6	03.50 - 04.50 7	
Mon				B R E A K				8
Tue		☒	P.V					
Wed	P.V							
Thu								
Fri	P.V							
Sat		P.V						



PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

LECTURE RECORD

Subject : Pharmacovigilance

Duration of each exam (Mid) : 1 1/2 months

Credits :

Max. Marks : 25 (Internal)
75 (External)

No. of Internal Exams (Mids) : 2

S.No.	Date	Topic Covered / Exercise Completed	Remarks
1	19/12/23	I Unit - I History of Pharmacovigilance - introduction	J
2	20/12/23	History & Development of Pharmacovigilance.	J
3	21/12/23	Importance of Pharmacovigilance, PVP.	J
4	22/12/23	WHO - International Drug Monitoring Program.	J
5	23/12/23	Basic Terminologies used in Pharmacovigilance.	J
6	26/12/23	ADR's - classification, Detection & Reporting	J
7	27/12/23	Causality, Severity & seriousness Assessment	J
8	29/12/23	Predictability & Preventability Assessment	J
9	30/12/23	Management of Adverse Drug reactions	J
10	02/01/24	Management of ADR's.	J
11	03/01/24	II Unit - II - Introduction.	J
12	05/01/24	Drug & Diseases - classification	J
13	06/01/24	Anatomical, Therapeutic & chemical classification.	J
14	09/01/24	International classification of diseases.	J
15	10/01/24	Daily defined doses.	J
16	23/01/24	International Non-proprietary Names for drugs.	J
17	24/01/24	WHO adverse reaction terminologies.	J
18	27/01/24	MedDRA & standardised MedDRA queries.	J
19	30/01/24	WHO drug dictionary.	J
20	02/02/24	Eudravigilance Medicinal product dictionary	J
21	03/02/24	Information Resources (Basic) in Pharmacovigilance	J
22	04/02/24	Specialised resources for ADR's.	J
23	07/02/24	Establishing PV programme in Hospitals.	J
24	09/02/24	Establish & operation of drug safety dept. in industry	J
25	23/02/24	Contract Research organisations (CRO's)	J
26	24/02/24	Establishing a national programme	J
27	05/03/24	III Pharmacovigilance methods -	J




PRINCIPAL
 Santhram College of Pharmacy
 NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

STUDENT ATTENDANCE

Class : IV / II
Course : B. Pharm

PHARMACY, NANDYAL

REGISTER

AY Form 2023 To 2024

Sl. No.	Roll No.	Name of the Student	Theory											
			1	2	3	4	5	6	7	8	9	10	11	12
1	56	KURUKUTIA MAIDHAR	1	2	3	4	5	6	7	8	9	10	11	
2	57	KUMMITHA KIRANMAI	1	2	3	4	5	6	7	8	9	10	11	
3	58	KUNCHI SUPRAJA	1	2	3	4	5	6	7	8	9	10	11	
4	59	KUNTA MUDVIKA	1	2	3	4	5	6	7	8	9	10	11	
5	60	KUVVAPURAJ KUMAR	1	2	3	4	5	6	7	8	9	10	11	
6	61	LAKSHMINICHAITANYA GANDLA	1	2	3	4	5	6	7	8	9	10	11	
7	62	MADDALA SURYA KRISHN	1	2	3	4	5	6	7	8	9	10	11	
8	63	M. MADHUSUDHAN REDDY	1	2	3	4	5	6	7	8	9	10	11	
9	64	MIDHUN MV	1	2	3	4	5	6	7	8	9	10	11	
10	65	MITHUN MV	1	2	3	4	5	6	7	8	9	10	11	
11	66	MITAPALLI PRADIT	1	2	3	4	5	6	7	8	9	10	11	
12	67	M. RAMACHIRUBASA REDDY	1	2	3	4	5	6	7	8	9	10	11	
13	68	MANGAL RAJESHA BEGUN	1	2	3	4	5	6	7	8	9	10	11	
14	69	MULA LAKSHMI DEVI	1	2	3	4	5	6	7	8	9	10	11	
15	70	MUTTA K GAYATHRI	1	2	3	4	5	6	7	8	9	10	11	
16	71	MYSORE MATHANMATH ASHRAF	1	2	3	4	5	6	7	8	9	10	11	
17	72	NANIL YADAV	1	2	3	4	5	6	7	8	9	10	11	
18	73	NAYITHRAHMI SREVALLY	1	2	3	4	5	6	7	8	9	10	11	
19	74	NEMALI VENKATESWARA REDDY	1	2	3	4	5	6	7	8	9	10	11	
20	75	PAITATI ABHINAV	1	2	3	4	5	6	7	8	9	10	11	
21	76	PASADULA VICTOR PAUL	1	2	3	4	5	6	7	8	9	10	11	
22	77	PASURLA NIKITHA REDDY	1	2	3	4	5	6	7	8	9	10	11	
23	78	PARREDDY BHAVYA SREE	1	2	3	4	5	6	7	8	9	10	11	
24	79	PATTHURU RAJA CHANDAN	1	2	3	4	5	6	7	8	9	10	11	
25	80	PUNYAMURTHI SAI TEJA	1	2	3	4	5	6	7	8	9	10	11	
26	81	RAJATBHARGANI SHAIKH AFREEN	1	2	3	4	5	6	7	8	9	10	11	
27		RAMIREDDY HARSHITHA	1	2	3	4	5	6	7	8	9	10	11	

Theory																							
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36		
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36				
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36						
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36							
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36								
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36									
23	24	25	26	27	28	29	30	31	32	33	34	35	36										
24	25	26	27	28	29	30	31	32	33	34	35	36											
25	26	27	28	29	30	31	32	33	34	35	36												
26	27	28	29	30	31	32	33	34	35	36													
27	28	29	30	31	32	33	34	35	36														
28	29	30	31	32	33	34	35	36															
29	30	31	32	33	34	35	36																
30	31	32	33	34	35	36																	
31	32	33	34	35	36																		
32	33	34	35	36																			
33	34	35	36																				
34	35	36																					
35	36																						
36																							



[Signature]

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

STUDENT ATTENDANCE REGISTER

Class : VI / A
Course : B. Pharm

PHARMACY, NANDYAL

REGISTER

AY Form... 2023 To 2024

Sl. No.	Roll No.	Name of the Student	Theory												Theory											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
28	28C1C0002	Sampurna Harish	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
29	28C1C0003	Sampagna Anjan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
30	28C1C0004	SMP Harshani	1	2	3	4	5	6	7	8	9	10	11	12	9	10	11	12	13	14	15	16	17	18	19	20
31	28C1C0005	Sankanta Sri Nithya	.	.	.	.	1	2	3	4	5	6	7	8	12	13	14	15	16	17	18	19	20	21	22	23
32	28C1C0006	Sareddy mara Kumar Reddy	1	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23
33	28C1C0007	Sareddy Prashanth	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
34	28C1C0008	Saru Sravan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
35	28C1C0009	Saravathu Sachin	.	.	.	.	1	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17	18	19
36	28C1C0010	Shaik Anshya	1	2	3	4	5	6	7	8	9	10	11	12	10	11	12	13	14	15	16	17	18	19	20	21
37	28C1C0011	Shaik Fayaz Rasha	1	2	3	4	5	6	7	8	9	10	11	12	9	10	11	12	13	14	15	16	17	18	19	20
38	28C1C0012	Shaik Heena	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
39	28C1C0013	Shaik Mohammed Shaifullo	1	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23
40	28C1C0014	Shaik Mohammed Mujafab	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
41	28C1C0015	Shaik Muhammad Sathib	1	2	3	4	5	6	7	8	9	10	11	12	9	10	11	12	13	14	15	16	17	18	19	20
42	28C1C0016	Shaik Neha Arsh	1	2	3	4	5	6	7	8	9	10	11	12	11	12	13	14	15	16	17	18	19	20	21	22
43	28C1C0017	Shaik Sumalath	1	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23
44	28C1C0018	Sultana Subramanyam Ran	1	2	3	4	5	6	7	8	9	10	11	12	11	12	13	14	15	16	17	18	19	20	21	22
45	28C1C0019	Surda Fatma Zahara Begum	1	2	3	4	5	6	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23
46	28C1C0020	Thangata Jakesh	1	2	3	4	5	6	7	8	9	10	11	12	9	10	11	12	13	14	15	16	17	18	19	20
47	28C1C0021	Thott Rajeswar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
48	28C1C0022	Uththipalli Harashitha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
49	28C1C0023	Varra Greeshma	.	.	.	.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
50	28C1C0024	Varra Greeshmanth	.	.	.	.	1	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17	18	19
51	28C1C0025	Yesuraju Subhash	.	.	.	.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
52	28C1C0026	Geedala Bhavitha	1	2	3	4	5	6	7	8	9	10	11	12	9	10	11	12	13	14	15	16	17	18	19	20
53	28C1C0027	Shaik Vaseem Akram	.	.	1	2	3	4	5	6	7	8	9	10	9	10	11	12	13	14	15	16	17	18	19	20



[Signature]
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

SANTHIRAM COLLEGE OF PHARMACY
NANDYAL, ANDHRA PRADESH, INDIA

M. PHARM – II SEMESTER

SUB: PHARMACEUTICAL INDUSTRIAL
MANAGEMENT

AY: 2023-2024

SANTHIRAM COLLEGE OF PHARMACY



NANDYAL - 518 501.

*Affiliated to JNTUA, Ananthapuramu, Approved by PCI & AICTE
New Delhi.*

STUDENT ATTENDANCE REGISTER

Academic Calender 2023 - 2024

	Mid I	Mid II	Mid III	THU	End Lab Exams	End Theory Exams
Dates	25/4/24	27/6/24				

STAFF TIME TABLE

Day/Time	09.30 - 10.30	10.30 - 11.30	11.40 - 12.40		01.40 - 02.40	02.40 - 03.40	03.50 - 04.50
Mon			PT	B R E A K			
Tue					PT		
Wed							
Thu							
Fri							
Sat							PT



[Signature]
PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

Affiliated to JNTUA- Ananthapuramu
M.PHARM. IN INDUSTRIAL PHARMACY

Course Structure & Syllabi



Course Code	PHARMACEUTICAL INDUSTRIAL MANAGEMENT	L	T	P	C
21S08203		4	0	0	4
Semester		II			

Course Objectives:

This particular study of the course aimed at achieving, enabling the student effectively manage a given organization in planning, hiring, personnel, selection training and other infrastructures maintenance apart from design, lay-out and handling of the equipment

Course Outcomes (CO): Student will be able to

This subject aims at validation of different process, equipment methods and effective management of waste materials.

UNIT - I

Human Resource management: Human resource planning, job analysis and design, recruitment, Personnel selection, orientation and placement, training and development, supervision, performance appraisal key result area and key performance area remuneration and salaries, Compensation and incentives, industrial relations, motivation.

UNIT - II

Entrepreneurship and Project Management - Quality Assurance Management: Total quality management, Organization and personnel, responsibilities, training, hygiene Premises: Location, design, layout, construction, maintenance, and sanitations, environmental control, sterile areas, control contamination, Equipments procedure and documentation for selection, purchase, speciation, installation and maintenance, clean in place, sterilization in place.

UNIT - III

Production management: Production organization, objectives and policies of good manufacturing practices, layout of buildings, services, equipments and their maintenance, materials management, handling and transportation, inventory management and control, production planning and control, selection of vendors, purchase cycle, sales forecasting, budget and cost control.

UNIT - IV

Process validation: General Principles of Validation, Regulatory basis, validation of pharmaceutical equipment and processes, validation of analytical methods.

UNIT - V

Industrial Hazards and Pollution Management: Chemical hazards, gas hazards, fire and explosion hazards, safety management. Water pollution, water Pollution abatement and effluent treatment, Air Pollution, air Pollution Control Devices. Solid waste, Solid Waste Management, Noise Pollution, Noise Abatement, Effluent Analysis and Treatment-Methods, Effluent Treatment in Formulation Plants, Effluent Treatment in Synthetic Drugs Industry, Effluent Treatment in Fermentation Industry, Introduction of Echo Pharmacovigilance.

Textbooks:

1. Unit operations of Chemical Engineering by Warren L. McCabe, Julian C. Smith, Peter Harriott.
2. The Theory and Practice of industrial Pharmacy by Leon Lachman, Herbert A. Lieberman.
3. Pharmaceutical Process validation by Robert A. Nash, Alfred H. Wachter.
4. Modern Pharmaceutics by Gilbert S. Banker and Christopher T. Rhodes.
5. Pharmaceutical production management, C.V.S. Subrahmanyam, Vallabh Prakash.

Online Learning Resources:

1. Remington's Science and Practice of Pharmacy by A. Gennaro.
2. Bentley's Text book of Pharmaceutics by EA Rawlins.



[Handwritten Signature]

PRINCIPAL
Santhiram College of Pharmacy
NH40 Mandal, 518501 A D

LECTURE RECORD

Subject : PTM

Duration of each exam (Mid) :

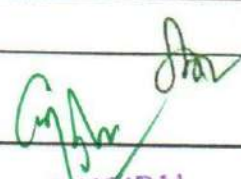
Credits :

Max. Marks :

No. of Internal Exams (Mids) :

S.No.	Date	Topic Covered / Exercise Completed	Remarks
1	19/2/24	Human Resource management HLP	P
2	20/2/24	Sub analysis and design, recruitment, personal selection	P
3	20/2/24	orientation and placement, training and development	P
4	24/2/24	supervision, performance appraisal key result area	P
5	26/2/24	Key performance area remuneration	P
6	27/2/24	salaries	P
7	27/2/24	compensation and incentives	P
8	3/3/24	Industrial relation, motivation	P
9	4/3/24	Entrepreneurship and project management TQM	P
10	11/3/24	Organization and personal	P
11	12/3/24	responsibility, training and hygiene program	P
12	12/3/24	location design, layout, construction	P
13	16/3/24	maintainance and sanitation, environmental control	P
14	18/3/24	sterile areas, control contamination	P
15	19/3/24	Equipments procedure and documentation for selection	P
16	19/3/24	Purchase specification, installation and maintainance	P
17	23/3/24	clean in place, sterilization in place	P
18	26/3/24	Production management, production organization	P
19	29/3/24	objectives and policies of GMP, layout of buildings	P
20	30/3/24	services, equipments and their maintainance	P
21	1/4/24	materials management	P
22	2/4/24	handling and transportation, inventory management	P
23	2/4/24	Control, production planning and control	P
24	6/4/24	selection of vendors, purchase cycle	P
25	9/4/24	sales forecasting, budget and control	P
26	13/4/24	Process Validation: General principle of validation	P
27	15/4/24	Regulatory basis	P




PRINCIPAL
 Senthiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF STUDENT ATTENDANCE

Class : D.P. Pharm

Course : M.Pharmacy

PHARMACY, NAND REGISTER

AY Form... 2021.....To.....22

Sl. No.	Roll No.	Name of the Student	Date :											
			1	2	3	4	5	6	7	8	9	10	11	12
1	202115001	Arundhathi Sumana	1	2	A	3	4	5	6	A	7	8	9	10
2	202115002	Chinola Nagamallika	1	2	3	4	A	5	6	7	8	A	9	10
3	202115003	Harini Jyothi	A	1	2	3	4	5	A	6	7	8	9	A
4	202115004	Kanaka Subbavishni	1	2	A	3	4	5	6	7	A	8	9	10
5	202115005	Kurumilla Sabitha	1	2	3	4	A	5	6	7	8	9	A	10
6	202115006	Mehta Sandhya Rani	A	A	1	2	3	4	5	A	6	7	8	9
7	202115007	Ragaly Suvithi	A	1	2	3	4	A	5	6	7	8	9	10

Theory																							
16/2	17/2	18/2	19/2	20/2	21/2	22/2	23/2	24/2	25/2	26/2	27/2	28/2	29/2	30/2	31/2	1/3	2/3	3/3	4/3	5/3	6/3	7/3	8/3
13	14	15	16	17	18	19	20	21	22	23	24												
11	A	12	13	14	15	16	17	A	18	19	20												
11	12	13	A	14	15	16	17	18	19	A	20												
10	11	12	13	14	A	15	16	17	18	19	A												
11	12	A	13	14	15	16	A	17	18	19	20												
11	12	13	14	A	15	16	17	18	19	A	20												
10	11	12	13	14	A	15	16	17	18	19	20												
11	A	12	13	14	15	16	A	17	18	19	20												



[Handwritten Signature]

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

SANTHIRAM COLLEGE OF PHARMACY
NANDYAL, ANDHRA PRADESH, INDIA

PHARM. D – IV YEAR

SUB: HOSPITAL PHARMACY

AY: 2023-2024

SANTHIRAM COLLEGE OF PHARMACY



NANDYAL - 518 501.

*Affiliated to JNTUA, Ananthapuramu, Approved by PCI & AICTE
New Delhi.*

STUDENT ATTENDANCE REGISTER

Academic Calender 2023 - 2024

	Mid I	Mid II	Mid III	THU	End Lab Exams	End Theory Exams
Dates						

STAFF TIME TABLE

Day/Time	09.30 - 10.30	10.30 - 11.30	11.40 - 12.40	B R E A K	01.40 - 02.40	02.40 - 03.40	03.50 - 04.50	
Mon		H.P				H.P [LAB] [308]		
Tue							H.P	
Wed			H.P					
Thu		H.P						
Fri								
Sat								



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
ANANTHAPURAMU-515002, A.P (INDIA)

ACADEMIC CALENDAR

for
Academic Year 2023-24

PHARM.D

IV YEAR

(For 2020 admitted batch)

Description	From To	No. of weeks/days
IV Year		
Commencement of Class work	25.09.2023	-
Instruction Period for the Year	25.09.2023 to 04.05.2024	(32 weeks)
Summer vacation	05.05.2024 to 31.05.2024	(4 weeks)
Instruction Period for the Year (continued)	01.06.2024 to 06.07.2024	(05 weeks)
Examinations:		
I Mid-term Examinations	11.12.2023 to 16.12.2023	(01 week)
II Mid-term Examinations	04.03.2024 to 09.03.2024	(01 week)
III Mid-term Examinations	01.07.2024 to 06.07.2024	(01 week)
End laboratory Examinations:	08.07.2024 to 13.07.2024	(01 week)
End Theory Examinations:	15.07.2024 to 27.07.2024	(02 weeks)
Commencement of Class Work for Pharm.D V Year	28.07.2024 (Monday)	
Declaration of results for IV Year	16.08.2024	

Note:

- > The midterm examinations are to be completed as per the schedule given above.
- > For slippage of working days due to any unavoidable reasons, compensation can be made by conducting class work on second Saturdays, Sundays and other holidays, except on National Holidays and important festivals.

Digitally Signed by Eddula
Keshava Reddy

Date: 03-10-2023 14:36:42

Reason: Approved

Date: 03.10.2023



DIRECTOR OF EVALUATION

[Signature]
PRINCIPAL

Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

(17T00402) HOSPITAL PHARMACY (THEORY)

Theory: 2 Hrs. /Week

1. **Scope:** In the changing scenario of pharmacy practice in India, for successful practice of Hospital Pharmacy, the students are required to learn various skills like drug distribution, drug dispensing, manufacturing of parenteral preparations, drug information, patient counselling, and therapeutic drug monitoring for improved patient care.
2. **Objectives:** Upon completion of the course, the student shall be able to –
 - a. know various drug distribution methods;
 - b. know the professional practice management skills in hospital pharmacies;
 - c. provide unbiased drug information to the doctors;
 - d. know the manufacturing practices of various formulations in hospital set up;
 - e. appreciate the practice based research methods; and
 - f. appreciate the stores management and inventory control.

Text books: (latest editions)

- a. Hospital pharmacy by William .E. Hassan
- b. A text book of Hospital Pharmacy by S.H.Merchant&Dr. J.S. Qadry. Revised by R.K.Goyal& R.K. Parikh

References:

- a. WHO consultative group report.
- b. R.P.S. Vol.2. Part –B; Pharmacy Practice section.
- c. Handbook of pharmacy – health care. Edt. Robin J Harman. The Pharmaceutical press.

3. Lecture wise programme :

Topics

1 Hospital - its Organisation and functions

Hospital pharmacy-Organisation and management

- a) Organizational structure-Staff, Infrastructure & work load statistics
- b) Management of materials and finance
- c) Roles & responsibilities of hospital pharmacist

2 The Budget – Preparation and implementation

Hospital drug policy

- a) Pharmacy and Therapeutic committee (PTC)
- b) Hospital formulary
- c) Hospital committees
 - Infection committee
 - Research and ethical committee
- d) developing therapeutic guidelines
- e) Hospital pharmacy communication - Newsletter

3.Hospital pharmacy services

- a) Procurement & warehousing of drugs and Pharmaceuticals
- b) Inventory control
 - Definition, various methods of Inventory Control ABC, VED, EOQ, Lead time, safety stock
- c) Drug distribution in the hospital



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

LECTURE RECORD

Subject : Hospital pharmacy

Duration of each exam (Mid) : 2 hours


Credits :

Max. Marks : 50

No. of Internal Exams (Mids) : I, II & III

S.No.	Date	Topic Covered / Exercise Completed	Remarks
1.	4/10/23	Introduction to Hospital Pharmacy.	100
2.	5/10/23	Syllabus discussion.	100
3.	9/10/23	Importance of HP for pharmacy field	100
4.	10/10/23	Scope & objectives of HP.	100
5.	13/10/23	Def Hospital & its types.	100
6.	12/10/23	organization, board of Hospitals.	100
7.	16/10/23	Functions of hospitals.	100
8.	17/10/23	SLIP test.	100
9.	18/10/23	Def Hospital pharmacy & its importance	100
10.	6/11/23	organization of HP.	100
11.	7/11/23	structure, staff requirements.	100
12.	14/11/23	importance, work load statistics.	100
13.	21/11/23	management of materials in HP	100
14.	27/11/23	Finance & budget allocation to HP.	100
15.	28/11/23	Roles & responsibilities of HP	100
16.	4/12/23	Previous topics revision & discuss.	100
17.	5/12/23	SLIP test.	100
18.	6/12/23	Introduction to Budget & Policies	100
19.	7/12/23	Preparation of Budget	100
20.	11/12/23	implementation of Budget.	100
21.	12/12/23	Introduction to Hospital drug policies	100
22.	13/12/23	Pharmacy & Therapeutic committee.	100
23.	14/12/23	Pharmacy & Therapeutic committee	100
24.	18/12/23	Hospital Formulary	100
25.	19/12/23	Hospital Formulary	100
26.	20/12/23	Introduction to Hospital committees	100
27.	21/12/23	Infection control committee.	100




 PRINCIPAL
 Sankararam College of Pharmacy
 NH-40, Nandyal-518501, A.R.



SANTHIRAM COLLEGE OF PHARMACY

STUDENT ATTENDANCE REGISTER

Class: ix part
Course: pharm-D

PHARMACY, NANDYAL

REGISTER

A Y Form. 2023 To 2024

Sl No	Roll No.	Name of the Student	Theory												Date :	Theory											
			73	74	75	76	77	78	79	80	81	82	83	84		85	86	87	88	89	90	91	92	93	94	95	96
1		A. Saadeer Reddy	A	A	A	A	A	A	A	A	A	A	A														
2		Alluri Akshaya	A	A	A	A	A	A	A	A	A	A	A														
3		Dudukala Sai Harish Babu	A	A	A	A	A	A	A	A	A	A	A														
4		Dutrasala Uvena Sharda	A	A	A	A	A	A	A	A	A	A	A														
5		Golla Seemadri	A	A	A	A	A	A	A	A	A	A	A														
6		Gunjala Veekata laksh	A	A	A	A	A	A	A	A	A	A	A														
7		Gunlennagari S. priya	A	A	A	A	A	A	A	A	A	A	A														
8		K. kavaya	A	A	A	A	A	A	A	A	A	A	A														
9		Kalari Sharanya	A	A	A	A	A	A	A	A	A	A	A														
10		Kandamuri Deepika	A	A	A	A	A	A	A	A	A	A	A														
11		Katavathelari krishnabi	A	A	A	A	A	A	A	A	A	A	A														
12		Karuba tharmavathi	A	A	A	A	A	A	A	A	A	A	A														
13		L.N. Divya kalyan	A	A	A	A	A	A	A	A	A	A	A														
14		Mala. chitti	A	A	A	A	A	A	A	A	A	A	A														
15		Medam. lakshmi Sreya	A	A	A	A	A	A	A	A	A	A	A														
16		Mercuva. Vineela	A	A	A	A	A	A	A	A	A	A	A														
17		Mitta putta. Praja	A	A	A	A	A	A	A	A	A	A	A														
18		Mudavath. kusha Bai	A	A	A	A	A	A	A	A	A	A	A														
19		M.N. Rohith Reddy	A	A	A	A	A	A	A	A	A	A	A														
20		Nabala shanthipriya	A	A	A	A	A	A	A	A	A	A	A														
21		Pannakanti Durga	A	A	A	A	A	A	A	A	A	A	A														
22		Saktamuri Bhavya S	A	A	A	A	A	A	A	A	A	A	A														
23		Sane Tyathirmani	A	A	A	A	A	A	A	A	A	A	A														
24		S. C. faraha	A	A	A	A	A	A	A	A	A	A	A														
25		S. C. Madhad	A	A	A	A	A	A	A	A	A	A	A														
26		Shank Pukhiya Thobas	A	A	A	A	A	A	A	A	A	A	A														
27		Sellapuri Ram Praveka	A	A	A	A	A	A	A	A	A	A	A														
28		Tharun Niray Guraku	A	A	A	A	A	A	A	A	A	A	A														
29		V. shirdra Reddy	A	A	A	A	A	A	A	A	A	A	A														
30		V. Kiranmai	A	A	A	A	A	A	A	A	A	A	A														
31		G. Dhanuch	A	A	A	A	A	A	A	A	A	A	A														



[Signature]
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

LECTURE RECORD

Subject : Hospital Pharmacy

Duration of each exam (Mid) : 02'00

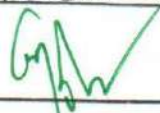
Credits :

Max. Marks : 30

No. of Internal Exams (Mids) : I, II & III

S.No.	Date	Topic Covered / Exercise Completed	Remarks
28.	26/12/23	Research & ethical committee.	1m
29.	27/12/23	Developing therapeutic guidelines.	1m
30.	28/12/23	Hospital pharmacy communications.	1m
31.	2/1/24	newsletters, magazines, Bulletin.	1m
32.	3/1/24	Revision & discussion.	1m
33.	8/1/24	SLIP test.	1m
34.	9/1/24	Introduction to HP services.	1m
35.	10/1/24	procurement of drugs & pharmaceuticals	1m
36.	11/1/24	warehousing of drugs & pharmaceuticals	1m
37.	17/1/24	Introduction to Inventory control.	1m
38.	18/1/24	Introduction to ABC analysis.	1m
39.	22/1/24	Introduction to VED analysis.	1m
40.	23/1/24	Introduction to F.O.B analysis	1m
41.	24/1/24	lead time, safety stock	1m
42.	25/1/24	Drug distribution in hospital.	1m
43.	29/1/24	Individual Prescription method.	1m
44.	30/1/24	Floor stock method.	1m
45.	31/1/24	Unit dose drug distribution method.	1m
46.	1/2/24	Distribution of narcotic substance.	1m
47.	5/2/24	Distribution of psychotropic substances.	1m
48.	6/2/24	central sterile supply services.	1m
49.	7/2/24	role & responsibilities of various	1m
50.	9/2/24	Hospital pharmacy services.	1m
51.	12/2/24	revision & discussion.	1m
52.	13/2/24	SLIP test.	1m
53.	14/2/24	Introduction to manufacture of	1m
54.	19/2/24	pharmaceutical preparations.	1m




PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

LECTURE RECORD

Subject : Hospital Pharmacy

Duration of each exam (Mid) : 02:00hrs

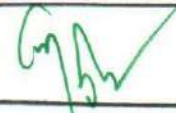
Credits :

Max. Marks : 30

No. of Internal Exams (Mids) : I, II & III

S.No.	Date	Topic Covered / Exercise Completed	Remarks
55.	21/2/24	Introduction to sterile formulation	1hr
56.	26/2/24	Introduction to large volume parenterals	1hr
57.	27/2/24	Introduction to small volume parenterals	1hr
58.	28/2/24	Formulation of ointments.	1hr
59.	29/2/24	Formulation of ocreams	1hr
60.	4/3/24	Formulation of liquids.	1hr
61.	5/3/24	mfg of Tablets.	1hr
62.	6/3/24	mfg process of ommules & powder.	1hr
63.	7/3/24	mfg of capsules.	1hr
64.	11/3/24	Soft gelatin capsules	1hr
65.	13/3/24	Hard gelatin capsules	1hr
66.	14/3/24	Evaluation studies of mfg of	1hr
67.	26/3/24	Pharmaceutical prep.	1hr
68.	9/4/24	Revision & discussion.	1hr
69.	25/3/24	Slip test.	1hr
70.	1/4/24	Introduction to Professional development	1hr
71.	2/4/24	continuing education & training.	1hr
72.	3/4/24	Introduction to Radio pharmaceuticals	1hr
73.	4/4/24	Handling of Radio pharmaceuticals	1hr
74.	8/4/24	Packaging of Radio pharmaceuticals	1hr
75.	10/4/24	Professional relation ships various	1hr
76.	15/4/24	educational training programmes	1hr
77.	16/4/24	Practices of hospital pharmacist.	1hr
78.	17/4/24	various educational development	1hr
79.	25/4/24	Programmes	1hr
80.	30/4/24	revision & discussion	1hr
81.	2/5/25	Slip test.	1hr




PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

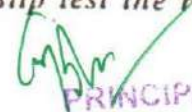
Important information to the Faculty

1. Attendance should be noted cumulative in the given columns. If any student is absent 'A' Should be marked on that particular date, the attendance should be cumulative from the next day onwards.
2. The register should be varified once in every month with the concerced HOD & Principal.
3. Internal Marks should be awarded within Three working days from the date of Completion of the exam and should be signed by the concerned HOD & the answer scripts should be issued to the student without fail.
4. Final internal Marks should be rounded to the next interger. (ex: 11.25 should be taken as 12(or) 10.33 should be taken be taken as 11)
5. Presumptive attendance should be awarded to each student as per the guidelines of the University. Presumptive attendance should be awarded by leaving the no. of columns (For ex : If the Presumptive attendance is 6 periods then it should be noted as below)

Date	Presumptive ÷ 6						
Regd No.	91	92	93	94	95	96	97
CCX51ACCCC	89						95
CCX51ACCCC	76						82

6. Minimum no. of slip test in each subject should be 6 & each slip test should be awarded with the grades A or B or C or D and should be entered in the respective registers.
7. Lesson plan in the register should be signed by the Faculty, concerned HOD & Principal before starting the class work.
8. Any correction in this register should be counter signed by the concerned faculty.
9. At the end of the semester / year the registers should be submitted along with the mid answer scripts to the concerned HOD.
10. In case of lab. every experiment / task must be evaluated up to date and the marks should be entered in the register after completion of the evaluation without fail.
11. Syllabus copy & Time table should be pasted in the attendance register (back side of the cover page)
12. Nominal rolls should be entered into the register which are issued by OAS through HOD.
13. If any student is absent for internal Exam (or) Slip test the respective column should be marked as 'Ab' with red ink only.




PRINCIPAL
 Santhiram College of Pharm
 NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

Laboratory Records

SANTHIRAM COLLEGE OF PHARMACY NANDYAL.

Regd No. : 23HC1R0006

Class : B. Pharmacy

Sub : Pharmaceutical Analysis

Semester : 1st year, 1st Sem



CERTIFICATE

Certified that this is bonafied record of Practical Work done in the Laboratory by

Mr./Miss./Mrs. Anumula. Prathyusha

Ms./Mf. SS./MfS' during the year 2023 - 2024

Nayin
Lecturer in Charge

Jeeva Reddy
Head of the Department
Santhiram College of Pharmacy
NH-18, NANDYAL

Submitted for the Practical Examination held on _____

at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**

Jeeva Reddy
External Examiner

Nayin
Internal Examiner



Jeeva Reddy
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

Nandyal 518112, A.P., India

INDEX CONTINUOUS ASSEMENT OF PRACTICALS

Academic Year: 2023 - 2024	Program: B. Pharm	Year/ Semester: 1 st year, 1 st sem
Subject: Pharmaceutical Analysis	Name of the Faculty: R. Nageshwar Rao Sir	
Reg. No. & Name of the Candidate: Anumula, Prathyusha - 23HC1R0006		

Exp. No	Date	Title of the Experiment	Pg. No	Practical Assessment (PA)			Total 15 M	Sign
				A* 5M	B* 5M	Viva 5M		
1	22/12/23	Preparation & standardisation of 0.1N Sodium Hydroxide Solution	06-07	5	5	3	13	✓
2	22/12/23	Assay of Ammonium chloride	08-09	5	5	3	13	✓
3	22/12/23	Preparation & standardisation of 0.1M Sulphuric acid	10-11	5	5	3	13	✓
4	29/12/23	Preparation & standardisation of 30.1N Potassium permanganate Solution	12-13	5	5	3	13	✓
5	5/1/24	Assay of ferrous chloride	14-15	5	5	3	13	✓
6	19/1/24	Assay of Hydrogen peroxide	16-17	5	5	3	13	✓
7	2/2/24	Preparation & standardisation of Sodium thiosulphate Solution	18-19	AB				✓
8	24/2/24	Assay of Copper Sulphate	20-21	5	5	4	14	✓
9	24/2/24	Preparation & standardisation of ferric ammonium Sulphate	22-23	5	5	4	14	✓
10	11/3/24	Assay of calcium gluconate	24-26	5	5	4	14	✓
11	1/3/24	Assay of Sodium benzoate	27-28	5	5	4	14	✓
12	15/3/24	Potentiometric titration of strong acid with strong base	29-30	5	5	4	14	✓
13	15/3/24	Conductometry titration of strong acid with strong base	31-32	5	5	4	14	✓
14	15/3/24	Conductometric titration of strong acid, weak acid with strong base	33-34	5	5	4	14	✓

Principal
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

15									
16									
17									
18									
19									
20									

S.No	MARKS OBTAINED		Avg. of Marks I & II MID
	MID I	MID II	
1	Total Marks (Mid I) = Total Marks Obtained / Total Experiments Conducted 12/15	Total Marks (Mid II) = Total Marks Obtained / Total Experiments Conducted 14/15	Avg. of Marks = Total Marks Obtained / Total Experiments Conducted 13/15

Date: 18/11/2024
(Name & Signature of Subject Teacher)

R. Nagaraj Rao

Note:

A. Performance Ability [Technical & Observational Skills]: (5 Marks)

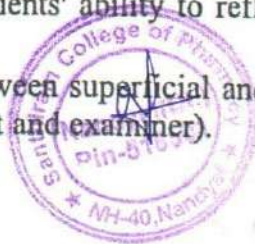
- Select & handle the appropriate apparatus/ instruments for performing the experiments without damaging/ breaking it.
- Perform the experiment following the said procedure with efficiency and accuracy, observe & record the result correctly in the observation book.
- Practice the precautions in handling sensitive apparatus or chemicals or flame.

B. Record Ability [Reporting and Interpretative Skills]: (5 Marks)

- Make a proper plan for recording the observations & interpret them correctly and systematically.
- Use proper formulae and mode of summarizing and reporting the result.
- Report the result using correct symbols, units, terms and chemical equations.

C. Viva-Voce: (5 Marks)

- Allow students to 'think on their feet' and express themselves meaningfully.
- Demonstrating students' ability to reflect and think critically in real time and explore their knowledge.
- Distinguishing between superficial and in-depth learning (through interactive dialogue between the student and examiner).



[Signature]
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

SANTHIRAM COLLEGE OF PHARMACY NANDYAL.

Regd No. : 22HCLR0024

Class : B. pharmacy-II

Sub : ph. Microbiology

Semester : SEM-I



CERTIFICATE

Certified that this is bonafied record of Practical Work done in the Laboratory by

Mr./Miss./Mrs. D. Siva-Hemanjali

during the year 2023 - 2024

[Signature]

Lecturer in Charge

[Signature]

Head of the Department
Santhiram College of Pharmacy
NH-18, NANDYAL

Submitted for the Practical Examination held on 21/2/24

at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**

[Signature]
External Examiner



[Signature]
Internal Examiner



SANTHIRAM COLLEGE OF PHARMACY
Nandyal 518112, A.P., India

INDEX
CONTINUOUS ASSEMENT OF PRACTICALS

Academic Year: 23 - 24	Program: B. Pharm	Year/ Semester: II/I
Subject: Ph. Microbiology	Name of the Faculty: Parimala Devi maclary	
Reg. No. & Name of the Candidate: D. Siva Hemanjali - 22HC1R0024		

Exp. No	Date	Title of the Experiment	Pg. No	Practical Assessment (PA)			Total 15 M	Sign
				A* 5M	B* 5M	Viva 5M		
1	25/1/23	introduction and study of diff. equipments	1-6	5	5	5	15	f
2	1/1/23	Aseptic techniques and medium prep ⁿ	7-11	0	0	0	15	f
3	8/1/23	Streak plate method	12-13	5	5	5	15	f
4	15/1/23	spread plate method	14-15	5	5	5	15	f
5	22/1/23	Pour plate method	16-17	5	5	5	15	f
6	29/1/23	simple staining	23-24	5	5	5	15	f
7	6/2/23	Negative staining	25-26	5	5	4	14	f
8	13/2/23	Gram staining	27-28	5	4	5	14	f
9	21/2/23	Acid fast staining	29-30	5	5	5	15	f
10	28/2/23	Bacterial Motility	31-33	5	5	5	15	f
12	4/1/24	Assay of benzyl penicillin	36-37	5	4	5	14	f
13	7/2/24	sterility test for sodium chloride injection	40-41	5	5	5	15	f
13	7/2/24	Most probable Number [MPN]	45-47	5	5	5	15	f
14	7/2/24	IMVIC Test	48-54	5	4	5	14	f



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

15								
16								
17								
18								
19								
20								

S.No	MARKS OBTAINED		Avg. of Marks I & II MID
	MID I	MID II	
1	Total Marks (Mid I) = 104 Total Marks Obtained / Total Experiments Conducted $\frac{104}{7} = 14.8 \times 0.2 = 2.97$	Total Marks (Mid II) = 102 Total Marks Obtained / Total Experiments Conducted $\frac{102}{7} = 14.5 \times 0.2 = 2.91$	Avg. of Marks = 2094 Total Marks Obtained / Total Experiments Conducted $\frac{104+102}{14} = \frac{206}{14} = 14.7 \times 0.2 = 2.94$


 (Name & Signature of Subject Teacher)

Note:

A. Performance Ability [Technical & Observational Skills]: (5 Marks)

- Select & handle the appropriate apparatus/ instruments for performing the experiments without damaging/ breaking it.
- Perform the experiment following the said procedure with efficiency and accuracy, observe & record the result correctly in the observation book.
- Practice the precautions in handling sensitive apparatus or chemicals or flame.

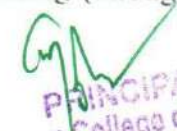
B. Record Ability [Reporting and Interpretative Skills]: (5 Marks)

- Make a proper plan for recording the observations & interpret them correctly and systematically.
- Use proper formulae and mode of summarizing and reporting the result.
- Report the result using correct symbols, units, terms and chemical equations.

C. Viva-Voce: (5 Marks)

- Allow students to 'think on their feet' and express themselves meaningfully.
- Demonstrating students' ability to reflect and think critically in real time and explore their knowledge.
- Distinguishing between superficial and in-depth learning (through interactive dialogue between the student and examiner)




PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

SANTHIRAM COLLEGE OF PHARMACY NANDYAL.

Regd No. : 21HC1R0091

Sub : pharmacology - II

Class : B. pharmacy

Semester : 3rd year 1st sem

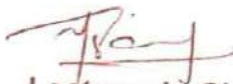



CERTIFICATE

Certified that this is bonafied record of Practical Work done in the Laboratory by

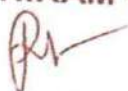
Mr. / Miss, / Mrs. Parndugayala Venkata Sowjanya

during the year 2023 - 2024


Lecturer in Charge



Head of the Department
Santhiram College of Pharmacy
NH-18, NANDYAL

Submitted for the Practical Examination held on 25/1/24
at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**


External Examiner




Internal Examiner


PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY
Nandyal 518112, A.P., India

INDEX
CONTINUOUS ASSEMENT OF PRACTICALS

Academic Year: 2023-2024	Program: B. Pharm	Year/ Semester: III rd year / 1 st sem
Subject: pharmacology - II	Name of the Faculty: <i>Dr. J. Anand</i>	
Reg. No. & Name of the Candidate: P. Soujanya		

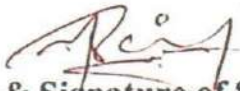
Exp. No	Date	Title of the Experiment	Pg. No	Practical Assessment (PA)			Total 15 M	Sign
				A* 5M	B* 5M	Viva 5M		
1	10/10/23	Physiological salt sol ⁿ used in Experimental pharmacology	01-04	4	4	5	13	<i>Dr</i> 17/10
2	11/10/23	Effect of drugs on isolated heart (stimulated experiment)	05-09	5	4	5	14	<i>Dr</i> 31/10
3	11/10/23	Effect of drugs on Blood pressure and heart rate of dog	08-10	5	5	5	15	<i>Dr</i> 7/11
4	11/10/23	Study of diuretic activity of drugs using rats/mice	11-11	5	4	4	13	<i>Dr</i> 14/11
5	14/10/23	Study the effect of Acetylcholine on chick intestine	12-13	5	5	5	15	<i>Dr</i> 5/12
6	14/10/23	Effect of physostigmine and atropine on ORC using chick intestine.	14-16	5	4	5	14	<i>Dr</i> 5/12
7	5/12/23	Bioassay of histamine using guinea Pig ileum by matching method.	17-18	5	4	4	13	<i>Dr</i> 19/12
8	5/12/23	Bioassay of oxytocin using Rat uterus horn by interpolation method.	19-21	5	5	4	14	<i>Dr</i> 19/12
9	19/12/23	To find out strength of given sample of Ach/serotonin by 3-point bioassay.	22-24	5	5	5	15	<i>Dr</i> 26/12
10	19/12/23	To find strength of given sample Ach by 4-point bioassay.	25-26	5	5	5	15	<i>Dr</i> 26/12
11	26/12/23	Determination of PD_{50} value of proazobutyrate anacardic acid muscle.	27-29	5	5	5	15	<i>Dr</i> 5/1/24
12	26/12/23	Determination of PD_{50} value using guinea pig ileum.	30-	5	5	5	15	<i>Dr</i> 5/1/24
13	26/12/23	Effect of spasmogenic & spasmolytic using Rabbit jejunum.	31-32	5	5	5	15	<i>Dr</i> 5/1/24
14	5/1/24	Study of anti-inflammatory activity of drugs using carrageenan paw edema model.	33-34	5	5	5	15	<i>Dr</i> 9/1/24



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

15	2/1/24	study of anaesthetic activity by not plate method	35	5	5	5	15
16							2/1/24
17							
18							
19							
20							

S.No	MARKS OBTAINED		Avg. of Marks I & II MID
	MID I	MID II	
1	Total Marks (Mid I) = 75 Total Marks Obtained / Total Experiments Conducted $\frac{70}{5} = 14$ $\frac{14}{15} \times 3 = 2.8$	Total Marks (Mid II) = 150 Total Marks Obtained / Total Experiments Conducted $\frac{146}{10} = 14.6$ $\frac{14.6}{15} \times 3 = 2.92$	Avg. of Marks = 2.86 Total Marks Obtained / Total Experiments Conducted $\frac{2.8 + 2.92}{2} = 2.86$


 (Name & Signature of Subject Teacher)

Note:

A. Performance Ability [Technical & Observational Skills]: (5 Marks)

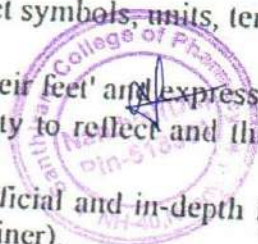
- Select & handle the appropriate apparatus/ instruments for performing the experiments without damaging/ breaking it.
- Perform the experiment following the said procedure with efficiency and accuracy, observe & record the result correctly in the observation book.
- Practice the precautions in handling sensitive apparatus or chemicals or flame.


B. Record Ability [Reporting and Interpretative Skills]: (5 Marks)

- Make a proper plan for recording the observations & interpret them correctly and systematically.
- Use proper formulae and mode of summarizing and reporting the result.
- Report the result using correct symbols, units, terms and chemical equations.

C. Viva-Voce: (5 Marks)

- Allow students to 'think on their feet' and express themselves meaningfully.
- Demonstrating students' ability to reflect and think critically in real time and explore their knowledge.
- Distinguishing between superficial and in-depth learning (through interactive dialogue between the student and examiner).




 PRINCIPAL
 Santhiram College of Pharmacy
 Nandyal-513501, A.P.

SANTHIRAM COLLEGE OF PHARMACY NANDYAL.

Regd No. : 20HCIR0033

Class : B. pharmacy

Sub : Instrumental method of analysis

Semester : VIIth Sem



CERTIFICATE

Certified that this is bonafied record of Practical Work done in the Laboratory by

Mr. / Miss. / Mrs. G. Supriya

_____ during the year 2023 - 2024

M. Neenu
Lecturer in Charge

[Signature]
Head of the Department
Santhiram College of Pharmacy,
NH-18, NANDYAL.
21/10/23

Submitted for the Practical Examination held on _____

at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**

[Signature]
External Examiner



[Signature]
Internal Examiner

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY
Nandyal 518112, A.P., India

INDEX
CONTINUOUS ASSEMENT OF PRACTICALS

Academic Year: 2023 - 2024	Program: B. Pharm	Year/ Semester: 4 th yr / 4-1
Subject: Instrumental method of Analysis		Name of the Faculty: Manorama
Reg. No. & Name of the Candidate: 20HC1R0033 SP G. Supriya		

Exp. No	Date	Title of the Experiment	Pg. No	Practical Assessment (PA)			Total 15 M	Sign
				A* 5M	B* 5M	Viva 5M		
1	8/6/23	Calibration of GlassWare	1-2	5	5	5	15	<u>Man</u>
2	22/6/23	Determination of λ_{max} of paracetamol	3-4	5	5	5	15	<u>Man</u>
3	28/6/23	Determination of λ_{max} of potassium permanganate	5-6	5	5	4	14	<u>Man</u>
4	5/9/23	Effect of solvent on absorption spectrum of paracetamol	7-9	4	5	5	14	<u>Man</u>
5	12/9/23	Assay of paracetamol by specific absorbance method	10-11	5	4	5	14	<u>Man</u>
6	25/9/23	Estimation of Quinine sulphate by Fluorimetry	12-13	5	5	5	15	<u>Man</u>
7	11/10/23	study on Quenching effect on halide ion on quinine sulphate by -fluorimetry	14-15	5	4	5	14	<u>Man</u>
8	28/10/23	Assay of paracetamol tablet by single point standardization	16-18	5	5	5	15	<u>Man</u>
9	28/10/23	Assay of paracetamol -tablet by Double point standardization	19-21	5	5	5	15	<u>Man</u>
10	31/10/23	simultaneous estimation of paracetamol & Ibuprofen by UV-spectroscopy	22-23	5	5	5	15	<u>Man</u>
11	7/11/23	Determination of sodium & potassium by flame photometry	24-25	5	5	5	15	<u>Man</u>
12	10/11/23	Estimation & identification of given amino acid by Ascending & circular chromatography	26-28	5	5	5	15	<u>Man</u>
13	11/11/23	separation of components using column chromatography.	29-30	5	5	5	15	<u>Man</u>
14	11/11/23	Interpretation of HPLC Parameters	31-34	5	5	5	15	<u>Man</u>

A* - Performance Ability; B* - Record Ability


PRINCIPAL
 Santhiram College of Pharmacy
 NH-49, Nandyal-518501, A.P.

15							
16							
17							
18							
19							
20							

S.No	MARKS OBTAINED		Avg. of Marks I & II MID
	MID I	MID II	
1	Total Marks (Mid I) = Total Marks Obtained / Total Experiments Conducted $\frac{87}{6} = 14.5 \times 0.2$ $= 2.9$	Total Marks (Mid II) = Total Marks Obtained / Total Experiments Conducted $\frac{120}{8} = 15 \times 0.2$ $= 3$	Avg. of Marks = Total Marks Obtained / Total Experiments Conducted $\frac{207}{14} = 14.78 \times 0.2$ $= 2.95$

P. Plawan
(Name & Signature of Subject Teacher)

Note:

A. Performance Ability [Technical & Observational Skills]: (5 Marks)

- Select & handle the appropriate apparatus/ instruments for performing the experiments without damaging/ breaking it.
- Perform the experiment following the said procedure with efficiency and accuracy, observe & record the result correctly in the observation book.
- Practice the precautions in handling sensitive apparatus or chemicals or flame.

B. Record Ability [Reporting and Interpretative Skills]: (5 Marks)

- Make a proper plan for recording the observations & interpret them correctly and systematically.
- Use proper formulae and mode of summarizing and reporting the result.
- Report the result using correct symbols, units, terms and chemical equations.

C. Viva-Voce: (5 Marks)

- Allow students to 'think on their feet' and express themselves meaningfully.
- Demonstrating students' ability to reflect and think critically in real time and explore their knowledge.
- Distinguishing between superficial and in-depth learning (through interactive dialogue between the student and examiner).

A* - Performance Ability; B* - Record Ability

G.P.
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-519501, A.P.

SANTHIRAM COLLEGE OF PHARMACY NANDYAL.

Regd No. : 23HCIT0015

Class : 1st Pharm-D

Sub : Human Anatomy And Physiology

Semester : first year

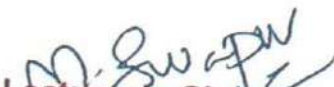


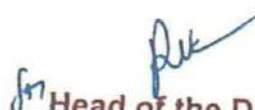
CERTIFICATE

Certified that this is bonafied record of Practical Work done in the Laboratory by

Mr. / Miss, / Mrs. M. Devi Saji


during the year 2023 - 2024



Lecturer in Charge


Head of the Department
Head of the Department
Santhiram College of Pharmacy
NH-18, NANDYAL

Submitted for the Practical Examination held on 17/09/24
at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**

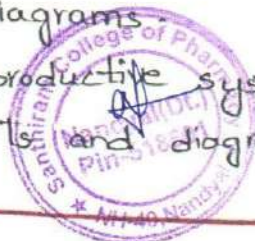

External Examiner


PRINCIPAL
Santhiram College of Pharmacy
NH-18, Nandyal-518501, Andhra Pradesh


Internal Examiner

INDEX

S.No.	Name of the Experiments	Date	Page No.
1.	study of compound Microscope	20-12-23	1-6
2.	(a) Microscopic study of Epithelial Tissue	27-12-23	07-09
	(b) Microscopic study of Muscular Tissue	27-12-23	10
3.	(a) Microscopic observation of connective tissue	03-01-24	11-14
	(b) Microscopic observation of Nervous tissue	03-01-24	15
4.	Determination of blood groups	10-01-24	16-19
5.	Determination of bleeding time	17-01-24	20
6.	Determination of clotting time	24-01-24	21-22
7.	Introduction of Hemocytometer	31-01-24	23-25
8.	study of Digestive system with the help of charts and diagrams.	07-02-24	26-28
9.	study of Respiratory system with the help of charts and diagrams.	14-02-24	29-30
10.	study of Circulatory system with the help of charts and diagrams.	21-02-24	31
11.	study of skeleton and muscles with the help of charts and diagrams.	13-03-24	32-39
12.	study of sense organs with the help of charts and diagrams.	20-03-24	40-41
13.	study of Urinary system with the help of charts and diagrams.	27-03-24	42-43
14.	study of Nervous system with the help of charts and diagrams.	03-04-24	44-45
15.	study of Reproductive system with the help of charts and diagrams.	10-04-24	46-49



INDEX

S.No.	Name of the Experiments	Date	Page No.
16.	Recording blood pressure	24-04-2024	50-52
17.	Determination of RBC count of my own blood	01-05-2024	53-54
18.	Determination of WBC count of my own blood	12/06/24	55-56
19.	Estimation of Haemoglobin content	21/6/24	57-58
20.	Determination of Erythrocyte sedimentation rate [ESR]	10/7/24	59-60
21.	Family planning	24-07-24	61-62
22.	Pregnancy Diagnostic kit	31-07-24	63-64
23.	Simple muscle curve	7-08-24	65-67
24.	Effect of Fatigue	14/08/24	68-70
25.	Effect of temperature	23/08/24	71-72
26.	Effect of Load	28/08/24	73-74

9.2

[Signature]



[Signature]

PR
Santhiram College of Pharmacy
Nandyal, Pin-518501

INDEX


S.No.	Name of the Experiments	Date	Page No.
1	Introduction of Various Experiments	2/12/23	1-2 8M
2	Macro, Micro and powder Microscopical Study of Ephedra stem	23/12/23	4 - 7 9M
3	Macro, Micro and powder Microscopical study of Datura leaf	30/12/23	8-10 10M
4	Microscopical Study of Senna leaf	20/1/24	11-13 8M
5	Microscopical Study of Cinchona bark.	27/1/24	14-18 10M
6	Microscopical Study of Cinnamon bark.	3/2/24	19-23 8M
7	Microscopical Study of Quassia Wood	24/2/24	24-27 8M
8	Microscopical study of Clove Bud	2/3/24	28-31 9M
9	Microscopical Study of Fennel Fruit	16/3/24	32-35 8M
10	Microscopical study of Coriander Fruit	23/3/24	36-38 8M
11	Microscopical study of Turmeric	30/3/24	39-40 9M
12	Microscopical study of Zinger Rhizome	6/4/24	41-43 8M
13	Microscopical study of Isabgol Seed.	20/4/24	44-45 9M
14	Macro, Micro & powder Microscopical study of NUXVOMICA SEED	27/4/24	46-47 7M
15	Macro, Micro & powder Microscopical study OF RAUWOLFIA ROOT	15/6/24	48-50 8M
16	Macro, Micro & powder Microscopical study OF LIQUORICE ROOT	22/6/24	51-53 8M
17	Macro, Micro & powder Microscopical study of PODOPHYLLUM RHIZOME	6/7/24	54-55 9M
18	Quality Analysis of FIXED OILS	20/7/24	56-57 8M



INDEX

S.No.	Name of the Experiments	Date	Page No.
19	Quality Analysis of fixed oils, Determination of Saponification value.	27/7/24	58-59 8M
20	Quality Analysis of Fixed oils, Determination of Iodine value.	31/7/24	60-61 9M
21	Quality Analysis of Fixed oils, Determination of Ester value	7/8/24	62 8M
22	Chemical Test for Acacia.	9/8/24	63-64 8M
23	Chemical Test for Tragacanth.	9/8/24	65-66 7M
24	Chemical Test for Agar.	9/8/24	67-68 8M
25	Chemical Test for Starch	9/8/24	69 7M
26	Chemical Test for Castor oil	14/8/24	70 9M
27	Chemical Test for Sesame oil	14/8/24	71 8M
28	Chemical Test for Shark liver oil.	14/8/24	72 8M
29	Phytochemical screening of plant Extract.	14/8/24	73-78 8M = 88




PRINCIPAL
 Santhirani College of Pharmacy
 NH-40, Nandyal-518501, A.P.

SANTHIRAM COLLEGE OF PHARMACY NANDYAL.

Regd No. : 21HC170027

Class : pharm - D

Sub : medicinal chemistry

Semester : IIIrd yr



CERTIFICATE

Certified that this is bonafied record of Practical Work done in the Laboratory by

Mr./Miss./Mrs. Tomu. Rajeswar.

during the year 2023 - 2024.


Lecturer in Charge

Head of the Department
Department of Pharmacy Practice
Santhiram College of Pharmacy
Nandyal
Head of the Department

Submitted for the Practical Examination held on _____

at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**


External Examiner




Internal Examiner

INDEX


S.No.	Name of the Experiments	Date	Page No.
1.	Assay of ascorbic acid	16/11/23	1-2
2.	Assay of metronidazole	23/11/23	3-4
3.	Assay of chloroquine phosphate.	21/12/23	5
4.	Assay of diclofenac by alkalimetry	28/12/23	6
5.	preparation of benzil from benzoin	11/1/24	7
6.	Synthesis of phenytoin from benzene	18/1/24	8
7.	Synthesis of 2-hydroxy 4-methyl coumarin	25/1/24	9
8.	Synthesis of phenothiazine from diphenyl amine	15/2/24	10
9.	preparation of chlorobutanol	22/2/24	11
10.	preparation of triphenyl imidazole from benzene	29/2/24	12
11.	Synthesis of benzimidazole from o-phenylene diamine.	14/3/24	13-14
12.	Synthesis of benzotriazole from ortho phenylene diamine.	21/3/24	15
13.	Synthesis of sulphonamide from acetanilide	28/3/24	16-18
14.	ppn of fluorescein from phthalic anhydride.	4/4/24	19-20
15.	ppn of 2,3 diphenyl quinoxaline from ortho phenylene diamine.	10/4/24	21
16.	Preparation of eosin from fluorescein	18/4/24	22
17.	monograph analysis of ibuprofen	9/5/24	23-24
18.	Synthesis of cinnamic acid from benzaldehyde	13/6/24	25-26



INDEX

S.No.	Name of the Experiments	Date	Page No.
19.	Assay of isoniazide	20/6/24	27
20	monograph analysis of paracetamol	11/7/24	28-29
21	monograph analysis of caffeine	18/7/24	30-31
22	monograph analysis of aspirin	25/7/24	32-33




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-515501, A.P.

SANTHIRAM COLLEGE OF PHARMACY NANDYAL.

Regd No. : 2016110027

Class : 1st year

Sub : Biopharmaceutics & Pharmacokinetics

Semester :




CERTIFICATE

Certified that this is bonafied record of Practical Work done in the Laboratory by

Mr./Miss./Mrs. SR.Thabasum

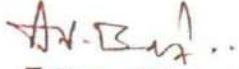
 during the year 2023 - 2024

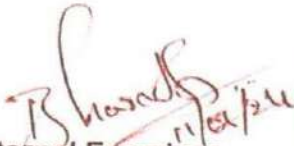

Lecturer in Charge


Head of the Department
Department of Pharmacy Practice
Santhiram College of Pharmacy
- NH-40, NANDYAL.

Submitted for the Practical Examination held on 11/7/24

at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**


External Examiner


Internal Examiner



Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

INDEX


S.No.	Name of the Experiments	Date	Page No.
1.	Determination of possible pharmacokinetics parameters of given drug administered by iv bolous route followed by one compartment open model [plasma]	5-10-23 12-10-23	1-3
2.	Determination of possible pharmacokinetics parameters of given drug administered by iv bolous route followed by one compartment open model [urine]	19-10-23 26-10-23	4-6
3.	Determination of possible pharmacokinetics parameters of given drug administered by iv bolous route followed by one compartment open model [sigma minus method]	9-11-23	7-
4)	construct of calibration curve of salicylic acid by colorimetry	16-11-23	8-9
5)	constauction of calibration curve of PCM	23-11-23	10-11
6)	In vitro dissolution study of PCM conventional tablets	30-11-23 7-12-23	12-14
7)	Preparation & Evaluation of solid dispersion containing PCM	14-12-23 21-12-23 28-12-23	15-19
8)	Preparation & In vitro dissolution study of diclofenac sodium solid dispersion	4-1-24 11-1-24	20-22
9)	calculations of dosage adjustment in children	25-1-24	23-24
10)	In vitro dissolution studies of met-formin HCl tablets	1-2-24 8-2-24	25-26
11)	In vitro dissolution studies of PCM fast releasing tablets	15-2-24 29-2-24	27-28



INDEX

S.No.	Name of the Experiments	Date	Page No.
12)	Protein binding Study of PCM	7-3-24 11-3-24	29-31
13)	Case Study-1 Calcula ⁿ of dosage adjustment in children	21-3-24 28-3-24	32-33
14)	Case Study-2 Dose Adjustment calcula ⁿ in Renal failure patients	4-4-24 18-4-24	34-36
15)	Case Study-3	2-5-24 9-5-24	37
16)	Case Study-4	13-6-24	38

Shanthy


PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

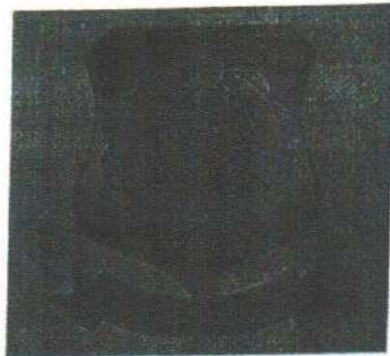


SANTHIRAM COLLEGE OF PHARMACY NANDYAL.

Regd No : 22HC150302

Class : M.Pharmacy

Sub : Modern Pharmaceutics Lab-I Semester : 1st year - 2nd sem



CERTIFICATE

Certified that is bonafied record of Practical Work done in the Laboratory by

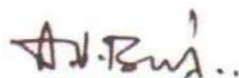
Mr./Miss./Mrs. B. Durga

_____ during the year 2022 -2023


Lecturer in charge



Head of the Department
Santhiram College of Pharmacy
NH-18, NANDYAL

Submitted for the Practical Examination held on 11/04/23
at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**


External Examiner




PRINCIPAL
Santhiram College of Pharmacy,
NH-40, Nandyal-518501, A.P.


Internal Examiner

INDEX

Exp no.	Name of Experiment	Page	Date
1	EFFECT OF COMPRESSIONAL FORCE ON DISINTEGRATION TIME OF PARACETAMOL TABLETS	01-02	4/01/23
2	PREFORMULATION STUDIES OF SOLID DOSAGE FORMS	02-04	11/01/23
3	PEAPARATION OF PARACETAMOL TABLETS & COMPARISION WITH MARKETED PRODUCTS	05-09	18/01/23
4	EFFECT OF PARTICLE SIZE ON DISSOLUTION OF QUETIAPINE	10-13	25/01/23
5	EFFECT OF BINDERS ON DISSOLUTION OF TABLETS	14-17	1/2/23
6	PREPARATION AND EVALUATION OF BETA-CYCLODEXTRIN COMPLEXES OF NEW DRUGS	18-22	8/2/23
7	MICROMERITIC PROPERTIES OF POWDER & GRANULES	23-29	15/2/23
8	TO DETERMINE SIMILARITY FACTOR OF MARKETED PRODUCTS	30-31	01/3/23
9	STUDY OF PHARMACOKINETIC MODELS	32-35	15/3/23



PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

SANTHIRAM COLLEGE OF PHARMACY

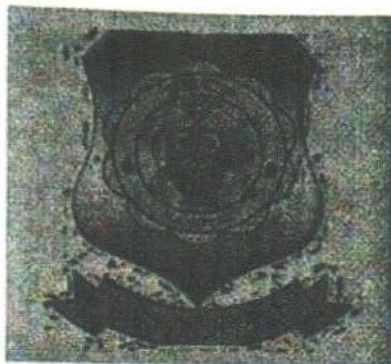
NANDYAL.

Regd No: Q3HC150806

Class: M.Pharmacy

Sub: pp I

Semester: II




CERTIFICATE

Certified that is bonafide record of Practical Work done in the Laboratory by

Mr./Miss./Mrs. M. Sandhya Rani

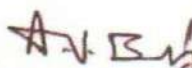
M pharmacy during the year 2023 - 20 24


Lecturer in charge



Head of Department
Santhiram College of Pharmacy
NH-18, NANDYAL.

Submitted for the Practical Examination held on 01/7/24

at **SANTHIRAM COLLEGE OF PHARMACY, NANDYAL.**


External Examiner




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.


Internal Examiner

INDEX

S.NO	Name of Experiments	Date	Page No.
1	preparation & evaluation of foundation creams	15/3/24	1-4
2	preparation & evaluation of cleansing creams	22/3/24	5-8
3	preparation & evaluation of turmeri herbal and antiseptic cream	22/3/24	9-14
4	evaluation tests for commercial steridicof'eranc inject ion	12/4/24	15-20
5	evaluation tests for commerial steril water for injection	19/4/24	21-26
6	preparation & evaluation of ciprofloxacin injection	19/4/24	27-30
7	comparative evaluation of different marketed tablets of paracetamol	3/5/24	31-36
8	dissolution studies of drug in three different biorevalant dissolution media	12/6/24	37-42
9	effect of surfactant on invitro drug release of givon market ed tablet	20/6/24	43-46
10	stability study of two marketed products	21/6/24	47-49
11	validation of mixing unit operation and its protocol	21/6/24	50-55

20/3
 22/3
 12/4
 11/4
 3/5
 3/5
 12/6
 2/6
 21/6
 21/6



Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

Requisition letters to
industry for training



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Ananthapuramu

An ISO 9001:2015 Certified Institute

NH – 40, Nerawada (Vil & Post), Nandyal – 518112, Nandyal (Dt), District, Andhra Pradesh – India.

Email: srcp07hc@gmail.com ; Mobile: 9866308468

Ref: SRCP/PO/Ind trg/2023-24/1

Dr. C. Madhusudhana Chetty

M.Pharmacy., Ph.D., MBA

Principal

TO WHOM EVER IT MAY CONCERN

Dear Sir,

This is to certify that the following bonafide students of B. Pharmacy of this institution is required **150 Hrs. Period of Industrial Training in one month of summer vacation (May & June 2023)** as a part of their PCI /JNTUA curriculum.

Hence, in this connection, we are requesting you to provide the training opportunity in your esteemed, well organized **JSL HEALTH SCIENCES Pvt.Ltd Hyderabad** at your convenient batch within stipulated time.

Student Details:

S.No	Register No.	Name of the Student	S.No	Register No.	Name of the Student
1	20HC1R0001	Akumalla Mounika	11	20HC1R0035	Guliseti Tejaswini
2	20HC1R0002	Alamuru Harshavardhan	12	20HC1R0039	Indla Vamsidhar Reddy
3	20HC1R0008	Ballari Subhash	13	20HC1R0040	Itha Sameel
4	20HC1R0014	Boreddy Kalyani	14	20HC1R0046	Kanduri Tarun Kumar
5	20HC1R0015	Challa Deepika	15	20HC1R0052	Koppera Suneetha
6	20HC1R0018	Chettumalla Rajitha	16	20HC1R0059	Kuvvarapu Raj Kumar
7	20HC1R0027	Dudekula Karishma Banu	17	20HC1R0068	Mula Lakshmi Devi
8	20HC1R0028	Dudekula Sadik Basha	18	20HC1R0073	Nemali Venkateswara Reddy
9	20HC1R0029	E Shaik Mohammad Saief	19	20HC1R0078	Pothuru Raga Chandana
10	20HC1R0030	G Gnana Prasuna	20	20HC1R0083	Rasapogu Dharani

Kindly, do the needful and your support is highly appreciated.




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.


PRINCIPAL
Santhiram College of Pharmacy
N.H.-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

**NOC for Internship
Students**

Phone: 08514 - 276211, 276212
Cell : 9866308468
Fax : 08514 - 276213



Email: srcp07hc@gmail.com
Principal.hc@jntua.ac.in
Web: www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Anantapur

Accredited by NAAC with Grade A+

2(f) recognition by UGC Act, 1956., An ISO 9001:2015 Certified Institute
NH – 40, NANDYAL, 518501, Nandyal (Dt), A.P., INDIA.

Lr No. SRCP/Pharm.D/NOC/March/2024/19

Date: 11.03.2024

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

Principal

TO WHOM SO IT MAY EVER CONCERN


Sub: SRCP- Manipal Hospitals-Internship training -NOC-Issued-Reg

Mr. BAPANAPATI JONAN BENAI S/o B. RAJA KUMAR bearing Reg. No. **18HC1T0002** is studying **VI Pharm.D** in this institution during the AY 2023-2024.

We have no objection to allow his internship training on his interest with provided all necessary approvals & regulations of concerned authorities and on conditioned to inspect the facilities by our staff at any time on their performance.

He may be allowed for Internship training not more than three (03) Months i.e. 12.03.2024 to 11.06.2024.




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Phone: 08514 - 276211, 276212
Cell : 9866308468
Fax : 08514 - 276213



Email: srcp07hc@gmail.com
Principal.hc@jntua.ac.in
Web: www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Anantapur

Accredited by NAAC with Grade A+

2(f) recognition by UGC Act, 1956., An ISO 9001:2015 Certified Institute

NH – 40, NANDYAL, 518501, Nandyal (Dt), A.P., INDIA.

Lr No. SRCP/Pharm.D/NOC/Jan/2024/16

Date: 03.02.2024

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

Principal

TO WHOM SO IT MAY EVER CONCERN

Sub: SRCP- KIMS-Internship training -NOC-Issued-Reg

Ms. Meda Yashaswini Sowmya D/o M. Suresh bearing Reg. No. 18HC1T0015 of VI Pharm.D of this institution is performing her internship training at Santhiram Medical College & General Hospital, Nandyal and she may be allowed for Internship training, KIMS hospital, Secunderabad, for not more than three (03) Months, to able to complete her Pharm.D course as per the regulations.

We have no objection to allow her internship training on her interest with provided all necessary approvals & regulations of concerned authorities and on conditioned to inspect the facilities by our staff at any time on their performance.




PRINCIPAL

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.


PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Sponsored by: Sri Shirdi Sai Educational Academy, 25/602-A, Srinivasa Nagar, Nandyal-518501

Phone: 08514 - 276211, 276212
Cell : 9866308468
Fax : 08514 - 276213



Email: srcp07hc@gmail.com
Principal.hc@jntua.ac.in
Web: www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Anantapur

Accredited by NAAC with Grade A+

2(f) recognition by UGC Act, 1956., An ISO 9001:2015 Certified Institute

NH – 40, NANDYAL, 518501, Nandyal (Dt), A.P., INDIA.

Lr No. SRCP/Pharm.D/NOC/Jan/2024/17

Date: 03.02.2024

Dr. C. Madhusudhana Chetty

M.Pharm, Ph.D., MBA

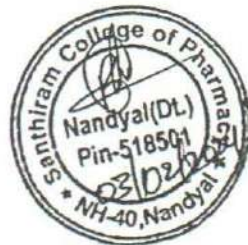
Principal

TO WHOM SO IT MAY EVER CONCERN

Sub: SRCP- KIMS-Internship training -NOC-Issued-Reg

Ms. MUSTHURU PARAMESHWARI D/o M. RAMANJULU bearing Reg. No. 18HC1T0017 of VI Pharm.D of this institution is performing her internship training at Santhiram Medical College & General Hospital, Nandyal and she may be allowed for Internship training, KIMS hospital, Secunderabad, for not more than three (03) Months, to able to complete her Pharm.D course as per the regulations.

We have no objection to allow her internship training on her interest with provided all necessary approvals & regulations of concerned authorities and on conditioned to inspect the facilities by our staff at any time on their performance.




PRINCIPAL
PRINCIPAL

Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.


PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

Sponsored by: Sri Shirdi Sai Educational Academy, 25/602-A, Srinivasa Nagar, Nandyal-518501

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1

**Pharm.D Clinical Posting
shedules**

2023-24



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
An ISO 9001:2015 Certified Institute

NH-40, Nerawada (Vil & Post), NANDYAL - 518112, Nandyal (Dt), A.P., India.

Ref: SRCP-Principal-Clinical Postings/Pharm.D/2023

Date: 01-06-2023

Dr.C.Madhusudhana Chetty

M.Pharmacy., Ph.D., MBA

PRINCIPAL

To:
The Medical Superintendent
Santhiram General Hospital
Nandyal.A.P.
Respected.sir

Sub: SRCP-Clinical Postings- Pharm.D & Academic Projects-AY: 2023-24
submission -reg.

With reference to the cited subject, the proposed schedules of
Clinical Postings in our Hospital for our V & VI Year Pharm.D students are
here by enclosed for your kind consideration and approval for the AY: 2023-24.

Further we need your kind attention that our V.Year Pharm.D
students have to do their Clinical Projects as per their curriculum with this
regard kindly be requested to verse the HoDs of different specialties to guide
them as hospital preceptors.

This is for your kind request and needful support.

Thanking you.

Copy to:

1. The Vice Chairman
2. The Principal SRMC
3. Office file

Your's sincerely

PRINCIPAL

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



Santhiram Medical College
& General Hospital N.H.-40, Nandyal-518501, A.P.

Sponsored by : Sri Shirdi Sai Educational Academy, 55/602-A, Srinivasa Nagar, Nandyal - 518501.

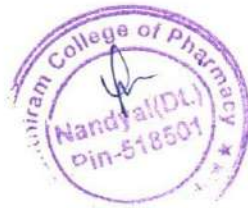
HOSPITAL POSTINGS FOR PHARM.D II YEAR AY 2023-24

SNo	Batches	II Pharm.D	NOV-JAN (27/11/23-07/01/24)	JAN - FEB (08/01/24-10/02/24)	FEB- MAR (11/02/2024-20/03/24)	MAR-APR (21/03/24-04/04/24)	JUNE-JULY (01/06/24-10/07/24)	JULY-AUG (11/07/24-25/08/24)
1	A	22HC1T0001	General Medicine	Patient counseling	Cardiology	General Surgery	Pulmonology	Orthopedics
		22HC1T0002						
		22HC1T0003						
		22HC1T0004						
		22HC1T0005						
2	B	22HC1T0031	Orthopedics	General Medicine	Patient counseling	Cardiology	General Surgery	Pulmonology
		22HC1T0006						
		22HC1T0007						
		22HC1T0008						
		22HC1T0009						
3	C	22HC1T0010	Pulmonology	Orthopedics	General Medicine	Patient counseling	Cardiology	General Surgery
		22HC1T0032						
		22HC1T0011						
		22HC1T0012						
		22HC1T0013						
4	D	22HC1T0014	General Surgery	Pulmonology	Orthopedics	General Medicine	Patient counseling	Cardiology
		22HC1T0015						
		22HC1T0033						
		22HC1T0016						
		22HC1T0017						
5	E	22HC1T0018	Cardiology	General Surgery	Pulmonology	Orthopedics	General Medicine	Patient counseling
		22HC1T0019						
		22HC1T0020						
		22HC1T0021						
		22HC1T0022						
6	F	22HC1T0023	Patient counseling	Cardiology	General Surgery	Pulmonology	Orthopedics	General Medicine
		22HC1T0024						
		22HC1T0025						
		22HC1T0026						
		22HC1T0027						

M. Suresh
CLASS INCHARGE

[Signature]
MOD

[Signature]
PRINCIPAL



[Signature]
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

HOSPITAL POSTINGS FOR PHARM.D III YEAR AY 2023-24

SNo	Batches	III Pharm.D	NOV-DEC (07-11-23 to 12-12-24)	DEC-FEB (13-12-23 to 22-02-24)	FEB-APR (23-02-24 to 02-04-24)	APR-MAY (03-04-24 to 05-05-24)	JUN-JUL (01-06-24 to 10-07-24)	JUL-AUG (11-07-24 to 11-08-24)
1	A	21HC1T0001	General Medicine	Patient counseling	Gastroenterology	Pulmonology	Orthopedics	Nephrology
		21HC1T0002						
		21HC1T0004						
		21HC1T0005						
2	B	21HC1T0006	Nephrology	General Medicine	Patient counseling	Gastroenterology	Pulmonology	Orthopedics
		21HC1T0007						
		21HC1T0008						
		21HC1T0009						
3	C	21HC1T0010	Orthopedics	Nephrology	General Medicine	Patient counseling	Gastroenterology	Pulmonology
		21HC1T0011						
		21HC1T0012						
		21HC1T0013						
4	D	21HC1T0014	Pulmonology	Orthopedics	Nephrology	General Medicine	Patient counseling	Gastroenterology
		21HC1T0015						
		21HC1T0016						
		21HC1T0017						
5	E	21HC1T0018	Gastroenterology	Pulmonology	Orthopedics	Nephrology	General Medicine	Patient counseling
		21HC1T0019						
		21HC1T0020						
		21HC1T0021						
6	F	21HC1T0022	Patient counseling	Gastroenterology	Pulmonology	Orthopedics	Nephrology	General Medicine
		21HC1T0023						
		21HC1T0024						
		21HC1T0025						
		21HC1T0026						
		21HC1T0027						
		21HC1T0028						
		21HC1T0029						
		21HC1T0030						
		21HC1T0031						

M. Swamy
CLASS INCHARGE

[Signature]
HOD

[Signature]
PRINCIPAL



[Signature]
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

HOSPITAL POSTINGS FOR PHARM.D IV YEAR AY 2023-24

Dt: 03.10.2023

Sl No.	Batches	Register No.	Oct-Nov (06-10-23 to 10-11-23)	Nov-Dec (11-11-23 to 20-12-23)	Dec-Jan (21-12-23 to 31-01-24)	Feb-Mar (01-02-24 to 10-03-24)	Mar-Apr (11-03-24 to 20-04-24)	Apr-Jun (21-04-24 to 30-06-24)
1	A	20HC1T0001	General Medicine	Neurology	General Surgery	Psychiatry	Gastroenterology	Patient counseling
		20HC1T0002						
		20HC1T0004						
		20HC1T0005						
		20HC1T0006						
		20HC1T0007						
2	B	20HC1T0008	Neurology	General Surgery	Psychiatry	Gastroenterology	Patient counseling	General Medicine
		20HC1T0009						
		20HC1T0010						
		20HC1T0011						
		20HC1T0012						
		20HC1T0013						
3	C	20HC1T0014	General Surgery	Psychiatry	Gastroenterology	Patient counseling	General Medicine	General Medicine
		20HC1T0015						
		20HC1T0016						
		20HC1T0017						
		20HC1T0018						
		20HC1T0019						
4	D	20HC1T0020	Psychiatry	Gastroenterology	Patient counseling	General Medicine	Neurology	General Surgery
		20HC1T0021						
		20HC1T0022						
		20HC1T0023						
		20HC1T0024						
		20HC1T0025						
5	E	20HC1T0026	Gastroenterology	Patient counseling	General Medicine	Neurology	General Surgery	Psychiatry
		20HC1T0027						
		20HC1T0028						
		20HC1T0029						
		20HC1T0030						
		20HC1T0031						
6	F	20CN1T0007	Patient counseling	General Medicine	Neurology	General Surgery	Psychiatry	Gastroenterology



Carthim College of Pharmacy
CLASS INCHARGE

[Signature]
HOD

[Signature]
PRINCIPAL

Carthim College of Pharmacy
Nandyal-518501, A.P.
PRINCIPAL


SANTHIRAM COLLEGE OF PHARMACY, NANDYAL
HOSPITAL POSTING SCHEDULE FOR PHARM.D V YEAR (CLERKSHIP) YEAR AY: 2023-24

Sl. No	Regd. No	Name of the Student	GENERAL MEDICINE						SPECIFIC DEPARTMENT					
			PULMONOLOGY	CARDIOLOGY	GENERAL MEDICINE	NEUROLOGY	GASTRO	NEPHROLOGY	G.SURGERY	PAEDIATRICS	OBG	PSYCHIATRY	ORTHOPAEDICS	
1	19HC1T0004	DASARI LAKSHMI	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	
2	19HC1T0005	DASARI TEJAVATHI	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	
3	19HC1T0006	DESAVATH MEGHANA BAI	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	
4	19HC1T0007	DUDEKULA HASEENA	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	
5	19HC1T0008	DASARI NAGA LAKSHMI	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	
6	19HC1T0009	GOONELLA SWETHA	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	
7	19HC1T0010	JMMADI MADHAN MOHAN	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	
8	19HC1T0011	KAMANI YASHASHWINI REDDY	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	
9	19HC1T0012	K VENKATA SUBBA REDDY	21.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	
10	19HC1T0013	KANDUKURI NANDINI	21.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	
11	19HC1T0014	K. EDIGA KRISHNA MURTHY	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	
12	19HC1T0015	KOTHA NAGA POOJITHA	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	
13	19HC1T0016	MADABODINA KEDHARNATH	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	
14	19HC1T0017	MULLA SADDAR BASHA	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	
15	19HC1T0018	N VENKATA NAGADHARANI	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	
16	19HC1T0019	NESE SREE DHARANI	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	
17	19HC1T0020	PALLAPATI BHAGYA LAKSHMI	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	
18	19HC1T0021	PEDDI PHANEENDORA	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	
19	19HC1T0022	PENDELA PREETHI	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	
20	19HC1T0023	POLI BHUVANA SREE	21.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	
21	19HC1T0024	RACHITHI DAIVA PRASAD	21.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	
22	19HC1T0025	SUDDULA PAVAN	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	
23	19HC1T0026	UBBARA ASWINI	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	
24	19HC1T0027	UPPALAPATI KAJIYAN KUMAR	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	
25	19HC1T0028	VADDE JYOTHSNA	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	
26	19HC1T0029	VARADA LAKSHMI NARASIMHA	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	26.11.23-20.12.23	
27	19HC1T0030	VISHWABRAHMIN PRATHIBHA	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	01.11.23-15.11.23	
28	19HC1T0031	YAPAREDDYGARJ SANDHYALATHA	01.11.23-15.11.23	26.11.23-20.12.23	21.12.23-15.01.24	16.01.24-10.02.24	11.02.24-24.02.24	01.06.23-25.06.23	26.06.23-28.07.23	23.07.23-15.08.23	16.08.23-10.09.23	11.09.23-05.10.23	06.10.23-20.10.23	


CLASS INCHARGE 

Head of the Department
Department of Pharmacy Practice
Santhiram College of Pharmacy
NH-40, NANDYAL.


Medical Superintendent
Santhiram Medical College
& General Hospital
N. NANDYAL-518 501,
N. Dist. A.P.

PRINCIPAL 
Santhiram College of Pharmacy
N.H.-40, Nandyal-518501.A.P




PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501.A.P.

SANTHIRAM COLLEGE OF PHARMACY, NANDYAL
HOSPITAL POSTING SCHEDULE FOR PHARM.D VINTERNS) YEAR AY: 2023-24

S.No	Regd. No	Name of the Student	MEDICINE (6 MONTHS)						SPECIFIC DEPARTMENT				
			24.06.23-10.08.23	11.08.23-25.09.23	26.09.23-10.12.23	G. SURGERY	PEADRIATICS	OBG	PSYCHIATRY	ORTHOPAEDICS			
1	18HCT10001	Arunreddy Pasudha	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	12.02.24-12.04.24	11.12.23-11.02.24	13.04.24-30.05.24	*****	*****	
2	18HCT10002	Bapannarayana Jonna Henna	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
3	18HCT10003	Beejan Suresha	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
4	18HCT10005	B. Hulsanammagan Varun	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
5	18HCT10006	Cheema Sai Varshith	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
6	18HCT10007	Dhanuraj Prasad	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
7	18HCT10008	Dandekar Karanahar	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
8	18HCT10009	Graddan Bharath Kumar	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
9	18HCT10010	Gillitha Lakshma	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
10	18HCT10011	Jakkas Deepika	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
11	18HCT10012	Katavath Krishanraj	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
12	18HCT10013	Krishna Lavanya B	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
13	18HCT10014	Manganti Poornima	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
14	18HCT10015	Meda Yashaswini Sowmya	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****	*****	
SECOND SPELL			11.12.23-11.02.24	12.02.24-12.04.24	13.04.24-30.05.24	G. SURGERY	PEDIATRICS	OBG	PSYCHIATRY	ORTHOPAEDICS			
15	18HCT10016	Mulla Abdul Haseeb	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
16	18HCT10017	Murthugan Prameekshani	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
17	18HCT10018	Naragoreddy Akhila	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
18	18HCT10020	Panditi Kalyan	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
19	18HCT10021	Pikkala Sreerani	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
20	18HCT10022	Sandraboyina Sravan	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
21	18HCT10023	Shank Ramee	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
22	18HCT10024	Shank Karshana Khvder	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
23	18HCT10025	Shank Umar	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
24	18HCT10026	Srinjan Renuka	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
25	18HCT10027	Talari Venkateswarthhan Naidu	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
26	18HCT10028	Tanguturi Jashnani	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		
27	18HCT10029	Vaddi Prasanna Lakshmi	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	GENERAL MEDICINE	*****	*****	*****	*****	*****		

CLASS INCHARGE
C. Bhargava
09/02/23

Principals

Head of the Department
 Department of Pharmacy Practice
 Santhiram College of Pharmacy
 NH-40, NANDYAL.

Medical Superintendent
 Santhiram Medical College
 & General Hospital
 50 NANDYAL-518501,
 Dist. A.P.

Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.



PRINCIPAL
 Santhiram College of Pharmacy
 NH-40, Nandyal-518501, A.P.

Phone : 08514 - 276211, 276212
Fax : 08514 - 276213



Email : srcp07hc@gmail.com
srcn07hc@yahoo.com
Web : www.srcpnandyal.edu.in

SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi - Affiliated to JNTUA, Anantapur
NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

1.1.1
COLLEGE ACADEMIC
COMMITTEE
(CAC)
2023-24



SANTHIRAM COLLEGE OF PHARMACY
Approved by Govt. of A.P., A.I.C.T.E & P.C.I. - NEW DELHI,
Affiliated to Jawaharlal Nehru Technological University, Anantapur-515002
NH40, NERAWADA, NANDYAL, KURNOOL DIST. A.P.-518501

Ref: SRCP/CAC/ AY 2023-24-I/July-23
Dr. C. Madhusudhana Chetty

Date: 24.07.2023

M.Pharm. Ph.D., MBA

Principal

CIRCULAR

It is hereby informed to all the College Academic Committee (CAC) members that a meeting is scheduled on 01.08.2023 at 11.00 A.M in Principal chamber. All the members shall attend without fail,

Agenda:

1. Members of the committee should give their suggestions and directions for the Smooth running of the college in academic aspect.
2. Subject allotment Workload for faculty.
3. Framing of time tables for class work.
4. To discuss about final year project allotment, practice school, industrial visit and hospital posting schedules of various courses.
5. To discuss about preparation of Question Bank and lecture schedule.
6. Final year projects- departments to form project review committee
7. Review on result analysis of AY 2022-23/II Sem
8. Inviting proposals for purchasing of library books, instruments, glass wares, chemicals etc.
9. Review on students' performance in competitive examinations and placements & training.
10. Review on research activities and publications
11. Review on Seminars and conferences
12. About monthly attendance.
13. Any other issues

PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

S.No	Name of the member	Designation	Sign
1	Dr. C. Madhusudha Chetty	Chairman	
2	Dr. R.E. Ugandar	Member	
3	Dr. S.V. Suresh Kumar	Member	P.V. Suresh Kumar
4	Dr. L. Siva Shankar Reddy	Member	L. Siva Shankar Reddy
5	Dr. A.V. Badrinath	Member	A.V. Badrinath
6	Mr. K. Ravi Kumar	Member	K. Ravi Kumar
7	Dr. Shaik Muneer	Member	Dr. Shaik Muneer
8	Mr. K. Sampath Kumar	Member	K. Sampath Kumar
9	Mr. R. Niranjana Kumar	Co-Ordinator	R. Niranjana Kumar





SANTHIRAM COLLEGE OF PHARMACY

Approved by Govt. of A.P., A.I.C.T.E & P.C.I. - NEW DELHI,
Affiliated to Jawaharlal Nehru Technological University, Anantapur-515002
NH40, NERRAWADA, NANDYAL, KURNOOL DIST. A.P.-518501

Minuets of College Academic Committee (CAC) which held on 07.08.2021

Discussed the performance of the following academic matters of all pharmacy courses in this institution for the academic year 2021-22 I SEM and reviews/suggestions are recorded as follows.

S.no	Particulars	Enclosures	Action taken / Remarks
1	Subject allotment for faculty in pharmacy	Annexure-I	Subjects were allotted to the faculty as per their concerned department with not more than 22 hrs/week
2	Time tables framing for the class work	Annexure-II	Timetable for all classes & Utilization free staff for academic discipline was resolved.
3	Institution & Academic calendars and examination cell	Annexure-III	Institutional activity calendar, NSS calendars, Academic calendars and examination schedules were prepared.
4	project allotment, practice school, industrial visit and hospital posting schedules of various courses	Annexure-IV	Project allotment, schedules of practice school, industrial visit & hospital postings finalized
5	Question Bank and lecture schedule	Annexure-V	Question Banks, Lesson plans, schedules were invited from the faculty and submitted
6	Project review committee	Annexure-VI	Instructions given to project review committee regarding review meeting dates, completion in stipulated time period etc..
7	Result analysis	Annexure-VII	University examination results were reviewed and directed for better results.
8	Proposals for Instruments, library books, glassware & chemicals purchase	Annexure-VIII	Instruments, library books, glassware, chemicals purchase orders were proposed and initiation for purchasing and repair of instruments etc.
9	Review on students' performance in competitive examinations and placements & training	Annexure-IX	Placement & training facilities for students and performance in competitive examination were reviewed.
10	Review on research activities and publications	Annexure- X	Research activities & publications of staff members reviewed and initiated to publish in Scopus & SCI journals only
11	Review on Seminars and conferences	Annexure- XI	Staff & Students performance in Seminars and conferences were reviewed.
12	Review on Student attendance	Annexure- XII	Student attendance condonation, detained and dropout students were reviewed.



PRINCIPAL
PRINCIPAL
Santhiram College of Pharmacy
Nandyal-518501



SANTHIRAM COLLEGE OF PHARMACY
Approved by Govt. of A.P., A.I.C.T.E & P.C.I. - NEW DELHI,
Affiliated to Jawaharlal Nehru Technological University, Anantapur-515002
NH40, NERRAWADA, NANDYAL, KURNOOL DIST. A.P.-518501

Date: 01.08.2023

MEMBERS ATTENDED FOR THE MEETING

S.No	Name of the member	Designation	Mobile no. & Email	Signature
1	Dr. C. Madhusudha Chetty, Principal	Chairman	9866308468 drcmchetty@srcpnandyal.edu.in	
2	Dr. R.E. Ugandar Prof. of Dept. of Ph Practice	Member	8618910930 drugandar@srcpnandyal.edu.in	
3	Dr. S.V. Suresh Kumar Prof. of Dept. of Ph.Cognosy	Member	9704057675 svsureshkumar@srcpnandyal.edu.in	
4	Dr. L. Siva Shankar Reddy, Prof. of Dept. Ph. Analysis	Member	9885697242 lsivasankarreddy@srcpnandyal.edu.in	
5	Dr. A.V. Badrinath, Prof. of Dept. Ph. Pharmaceutics	Member	9440916296 badrinath@srcpnandyal.edu.in	
6	Mr. K. Ravi Kumar, Prof. of Dept. Indl. Pharmacy	Member	9704129298 kravikumar@srcpnandyal.edu.in	
7	Dr. Shaik Muneer, Prof. of Dept. Ph. Chemistry	Member	9440046268 smuneer@srcpnandyal.edu.in	
8	Mr. K. Sampath Kumar NSS Co-Ordinator	Member	8331819361 ksampath@srcpnandyal.edu.in	
9	Mr. R. Niranjan Kumar, Exam cell In	Co- Ordinator	8125004838 niranjan@srcpnandyal.edu.in	



PRINCIPAL
PRINCIPAL
Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.



SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Anantapur

Accredited by NAAC with Grade A+

2(f) recognition by UGC Act, 1956., An ISO 9001:2015 Certified Institute
NH – 40, NANDYAL, 518501, Nandyal (Dt), A.P., INDIA.

Ref: SRCP/CAC/ AY 2023-24-I/Dec-23

Date: 26.12.2023

Dr. C. Madhusudhana Chetty

M.Pharm. Ph.D., MBA

Principal

CIRCULAR

It is hereby informed to all the College Academic Committee (CAC) members that a meeting is scheduled on 02.01.2024 at 11.00 A.M in Principal chamber. All the members shall attend without fail.

Agenda:

1. Members of the committee should give their suggestions and directions for the Smooth running of the college in academic aspect.
2. Subject allotment Workload for faculty.
3. Framing of time tables for class work.
4. To discuss about final year project status of various courses.
5. To discuss about preparation of Question Bank and lecture schedule.
6. Final year projects- departments to form project review committee
7. Review on result analysis of AY 2023-24/I Sem
8. Review on research activities and publications
9. Review on Seminars and conferences
10. About monthly attendance.
11. Any other issues

PRINCIPAL
PRINCIPAL

Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.

S.No	Name of the member	Designation	Sign
1	Dr. C. Madhusudha Chetty	Chairman	
2	Dr. R.E. Ugandar	Member	
3	Dr. S.V. Suresh Kumar	Member	
4	Dr. L. Siva Shankar Reddy	Member	
5	Dr. A.V. Badrinath	Member	
6	Mr. K. Ravi Kumar	Member	
7	Dr. Shaik Muneer	Member	
8	Mr. K. Sampath Kumar	Member	
9	Mr. R. Niranjan Kumar	Co-Ordinator	





SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Anantapur

Accredited by NAAC with Grade A+

2(f) recognition by UGC Act, 1956., An ISO 9001:2015 Certified Institute
NH – 40, NANDYAL, 518501, Nandyal (Dt), A.P., INDIA.

Date: 02.01.2024

MEMBERS ATTENDED FOR THE MEETING

S.No	Name of the member	Designation	Mobile no. & Email	Signature
1	Dr. C. Madhusudha Chetty, Principal	Chairman	9866308468 dremchetty@srcpnandyal.edu.in	
2	Dr. R.E. Ugandar Prof. of Dept. of Ph.Practice	Member	8618910930 drugandar@srcpnandyal.edu.in	
3	Dr. S.V. Suresh Kumar Prof. of Dept. of Ph.Cognosy	Member	9704057675 svsureshkumar@srcpnandyal.edu.in	
4	Dr. L. Siva Shankar Reddy, Prof. of Dept. Ph. Analysis	Member	9885697242 lsivasankarreddy@srcpnandyal.edu.in	
5	Dr. A.V. Badrinath, Prof. of Dept. Ph. Pharmaceutics	Member	9440916296 badrinath@srcpnandyal.edu.in	
6	Mr. K. Ravi Kumar, Prof. of Dept. Indl. Pharmacy	Member	9704129298 kravikumar@srcpnandyal.edu.in	
7	Dr. Shaik Muneer, Prof. of Dept. Ph. Chemistry	Member	9440046268 smuneer@srcpnandyal.edu.in	
8	Mr. K. Sampath Kumar NSS Co-Ordinator	Member	8331819361 ksampath@srcpnandyal.edu.in	
9	Mr. R. Niranjan Kumar, Exam cell I/c	Co- Ordinator	8125004838 niranjan@srcpnandyal.edu.in	

PRINCIPAL
PRINCIPAL

Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.





SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, New Delhi – Affiliated to JNTUA, Anantapur

Accredited by NAAC with Grade A+

2(f) recognition by UGC Act, 1956., An ISO 9001:2015 Certified Institute

NH – 40, NANDYAL, 518501, Nandyal (Dt), A.P., INDIA.

Minuets of College Academic Committee (CAC) which held on 02.01.2024

Discussed the performance of the following academic matters of all pharmacy courses in this institution for the academic year 2021-22 I SEM and reviews/suggestions are recorded as follows.

S.no	Particulars	Enclosures	Action taken / Remarks
1	Subject allotment for faculty in pharmacy	Annexure-I	Subjects were allotted to the faculty as per their concerned department with not more than 22 hrs/week
2	Time tables framing for the class work	Annexure-II	Timetable for all classes & Utilization free staff for academic discipline was resolved.
3	Institution & Academic calendars and examination cell	Annexure-III	Institutional activity calendar, NSS calendars, Academic calendars and examination schedules were prepared.
4	Final year project status of various courses of various courses	Annexure-IV	Project allotment, schedules of practice school, industrial visit & hospital postings finalized
5	Question Bank and lecture schedule	Annexure-V	Question Banks, Lesson plans, schedules were invited from the faculty and submitted
6	Project review committee	Annexure-VI	Instructions given to project review committee regarding review meeting dates, completion in stipulated time period etc..
7	Result analysis	Annexure-VII	University examination results were reviewed and directed for better results.
8	Review on research activities and publications	Annexure- VIII	Research activities & publications of staff members reviewed and initiated to publish in Scopus & SCI journals only
9	Review on Seminars and conferences	Annexure- IX	Staff & Students performance in Seminars and conferences were reviewed.
10	Review on Student attendance	Annexure- X	Student attendance condonation, detained and dropout students were reviewed.



PRINCIPAL

PRINCIPAL

Santhiram College of Pharmacy
NH-40, Nandyal-518501, A.P.