



## **SANTHIRAM COLLEGE OF PHARMACY**

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

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### **3.1.1**

Grants received from government and non-governmental agencies for research projects/ endowments in the institution during the year

**(ACADEMIC YEAR 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.

### 3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the Academic Year 2023-24

Name of the research project/ endowment	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR in Lakhs)	Duration of the project	Name of the Funding Agency	Type (Government/ Non-Government)	Status
Research Project	Dr. L. Siva Sanker Reddy	Pharmacy	2023-24	0.35 L	2 Months	Individual	Non-Government	Completed
Research Project	Dr. Shaik Muneer	Pharmacy	2023-24	0.25 L	1 Month	Individual	Non-Government	Completed
Research Project	Dr. L. Siva Sanker Reddy	Pharmacy	2023-24	5.45 L	3 Months	RGM Group of Institutions (IRG)	Non-Government	Completed
Total Amount Sanctioned During the AY 2022-23 (INR in Lakhs)				6.05				



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

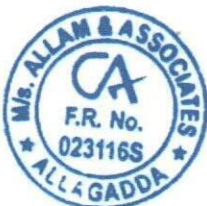


**SRI SHIRDI SAI EDUCATIONAL ACADEMY :: NANDYAL**  
**SANTHIRAM COLLEGE OF PHARMACY:: NANDYAL.**

**ASST YEAR 2024-25**

**INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDING 31.03.2024**

EXPENDITURE		AMOUNT IN RS	INCOME		AMOUNT
To	Advertisement	39,660	By	Fees Collection	5,05,40,800
To	Affiliation Fees	3,66,000	By	Bus Transport Fee	20,12,355
To	APSCHE Fee	90,800	By	Misc Income	4,33,658
To	Audit Fees A/c	35,000	By	Interest Received	48,569
To	Autonomous Fees	50,000	By	Alumini, IRG AND other Receipts	6,05,000
To	Bank Charges	3,245			
To	Building Cess	50,000			
To	Building Repairs and Maintenance	1,70,431			
To	Buses Repairs and Maintenance	2,83,445			
To	College Maintenance	7,34,718			
To	Consultancy Charges	62,000			
To	Depreciation A/c	65,79,039			
To	Diesel and Oil	16,68,863			
To	Electrical Maintenance	7,960			
To	Electricity Charges	9,24,311			
To	Functions and Celebrations	82,357			
To	Garden Maintenance	1,41,645			
To	General Insurance	78,510			
To	Incentives to Students and Staff	2,00,000			
To	Inspection Expenses	91,047			
To	Insurance and Taxes	3,14,600			
To	Insurance to Students	69,030			
To	Interest Paid	23,839			
To	Internet Charges	47,842			
To	JNTUA Reg and UCS Fee	13,87,150			
To	Lab Maintenance	1,70,088			
To	Library Maintenance	2,49,649			
To	Painting and White Washing	19,474			
To	Panchayat Taxes	46,515			
To	PCI Affiliation Fees	21,24,000			
To	Printing and Stationary	2,72,387			
To	Repairs and Maintenance	74,389			
To	Salaries A/c	3,60,85,692			
To	Merit Scholarships to students	1,40,250.00			
To	Sanitary & Water Line Expenses	34,154			
To	Seminars and Workshops	18,655			
To	honorarium	1,32,825			
To	Sports and Games Exp	1,71,295			
To	Training Programmes (Students)	82,000			
To	Transport Charges A/c	1,720			
To	Software renewals and licences	79,800			
To	Travelling Account	1,29,907			
To	<b>Excess of Income over Expenditure</b>	<b>3,06,090</b>			
		<b>5,36,40,382</b>			<b>5,36,40,382</b>



**For M/s. ALLAM & ASSOCIATES**  
**CHARTERED ACCOUNTANTS**

*V. Srendra*  
**(VANKU SRENDRA KUMAR)**  
**M.No: 258395**

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

Date: 06.11.2023

To,  
The Principal,  
Santhiram College of Pharmacy,  
Nandyal

Respected Sir,

Subject: Submission of Request for carrying out research work on project titled  
"Synthesis, and docking studies of some Novel Heterocyclic  
Compounds incorporating derivative moiety" – Regarding.

With respect to the subject cited above, I am hereby requesting you sir for carrying out research work as part of my Ph.D on the project titled "Synthesis, and docking studies of some Novel Heterocyclic Compounds incorporating derivative moiety"- Docking studies and Optimization of reaction conditions of the Scheme. In this connection kindly provide necessary facilities for undergoing of my research work along with assistance. I agree to bear all expenses incurred as a result of the above said research work.

In this regard, I request you for your kind consideration and approval by providing necessary assistance.

Thank You sir,

Yours faithfully,

Rajkumar. T  
Scholar

Summation  
 9 H<sub>2</sub> to H<sub>2</sub>O, Cl<sub>2</sub> to HCl  
20  
 20



# SANTHIRAM COLLEGE OF PHARMACY

Approved by AICTE & PCI, NEW DELHI, Affiliated to JNTUA, Anantapur  
NH-18, Nerawada, Nandyal, Kurnool DIST. A.P - 518501

## RESEARCH AND DEVELOPMENT (R&D)

### WORK COMPLETION REPORT

It is hereby submitted that, the expenditure sanctioned and incurred towards the completion of the project entitled "Synthesis, and docking studies of some Novel Heterocyclic Compounds incorporating derivative moiety"- Docking studies and Optimization of reaction conditions of the Scheme is Rs. 35,000/- (Thirty five thousand only) has been utilized for the purpose for which it was sanctioned.

The expenditure includes chemicals and utilization of necessary facilities i.e., Instruments, Equipment and miscellaneous if any. The above sanctioned amount (paid in the form of cash) is beared by Rajkumar.T, Research Scholar, Faculty of Pharmacy.

Certified that I have satisfied myself that the conditions on which the sanctioned has been duly fulfilled and the money was actually utilized for the purpose for which it was sanctioned.

Staff  
(Submitted By)

Director, R&D  
(Verified By)

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





# Annamalai University

(A STATE UNIVERSITY ACCREDITED WITH 'A' GRADE BY NAAC)

ANNAMALAINAGAR - 608 002

Ph.D. Degree Programme

ADMISSION MEMO

(2017-2018)



App. No. : R20008

Date : 31/10/2017

Programme Code : 6113

For Office Use - Roll Number

17

Mr./Ms. RAJKUMAR T is informed that he/she has been provisionally selected for admission to Ph.D. Degree Programme in Ph.D [Pharmacy] under External registration, subject to fulfil the eligibility conditions



The Candidate is registered under the guidance of

Name of the Guide	Name of the Co-Guide
Dr. N. SRINIVASAN ASSISTANT PROFESSOR PHARMACY	DR. S.V. SURESHKUMAR PROFESSOR, CES COLLEGE OF PHARMACY, KURNOOL, A.P. STATE

He / She has to produce all the required original certificates at the time of admission.

1. 10th, H.Sc., U.G., P.G., and M.Phil Mark Lists
2. Degree Certificate - P.G. & M.Phil Programmes
3. Transfer or Migration Certificate
4. Research VISA & Passport, if Foreign National
5. Recent Passport Size Photographs (2 Numbers)

He / She has to report to 'K' Section, Administrative office, Annamalai University on 21/11/2017 at 10.00 A.M.

His / Her admission will be confirmed, after verification of original certificates by 'K' section and on payment of Tuition Fee of Rs.77410.00. He should submit joining report along with copy of remittance challan through proper channel.

Note: Other conditions viz., Submission of titles, Course Work Examinations, Extension of time, Change of guide/status, Submission of thesis, etc., remains as prescribed in the prospectus.

To

Mr./Ms. RAJKUMAR T

Copy To :

The Head, Department of Pharmacy ✓

The Guide : Dr. N. SRINIVASAN, ASSISTANT PROFESSOR, PHARMACY

The Co - Guide : DR. S.V. SURESHKUMAR, PROFESSOR, CES COLLEGE OF PHARMACY,  
KURNOOL, A.P. STATE

Note : Payment of Fee be considered as Date of Joining

K. [Signature]  
REGISTRAR

[Signature]

PRINCIPAL  
Santhiram [Signature]  
NH-40, Nandyal-515 001, A.P.





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NH-18, Nerawada, Nandyal, Kurnool DIST. A.P - 518501

## RESEARCH AND DEVELOPMENT (R&D)

### WORK COMPLETION REPORT


It is hereby submitted that, the expenditure sanctioned and incurred towards the completion of the project entitled "A Novel Stability Approach and Optimization of poly herbal formulation using liquid chromatographic method" is Rs. 25,000/- (Twenty five thousand only) has been utilized for the purpose for which it was sanctioned.

The expenditure includes chemicals and utilization of necessary facilities i.e., Instruments, Equipment and miscellaneous if any. The above sanctioned amount (paid in the form of cash) is beared by K.Jyothsna Jayaraju, Scholar, Faculty of Pharmaceutical Sciences.

Certified that I have satisfied myself that the conditions on which the sanctioned has been duly fulfilled and the money was actually utilized for the purpose for which it was sanctioned.

  
Staff  
(Submitted By)

  
Director, R&D  
(Verified By)

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

Date: 10.11.2023

From,  
K.Jyothsna Jayaraju,  
Scholar,  
Faculty of Pharmaceutical Sciences.

To,  
The Principal,  
Santhiram College of Pharmacy,  
Nandyal

Respected Sir,

Sub: Requisition for carrying out my research work on project entitled "A Novel Stability Approach and Optimization of poly herbal formulation using liquid chromatographic method" – Req. Reg.

With reference to the subject cited above, I hereby request you sir to carry out my research work on the project entitled "A Novel Stability Approach and Optimization of poly herbal formulation using liquid chromatographic method" and provide necessary facilities to undergo for the same. I agree to bear all expenses incurred as a result of the above said research work.

In this regard, I request you for your consideration and provide necessary assistance.

Thank You sir,

Yours faithfully

K.Jyothsna Jayaraju,  
Scholar

*Information clear may for  
the so only for  
for us  
20/11/23*





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

Prof.M.VIJAYA KUMAR  
Director of Admissions,

Lr. No.JNTUA/DA/Ph.D/M.Phil/M.S/Admns/Pharmacy /2016-17  
Dt:Wednesday,03-08-17

Sub: JNTUA-DA-Admissions in Ph.D/M.Phil/M.S. Programmes – 2016-17

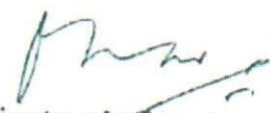
Dear Applicant,

You are admitted into Ph.D. 2016-17 Program in the faculty of Pharmaceutical Sciences. The details of your admission are as given below.

Admission Number	16PH1338
Name	K.JYOTHSNA JAYARAJU
Proposed Research work Title	Development and evaluation of polyherbal antidiabetic formulation
Supervisor's Name & Designation with Address	Dr.A.Venkata Badarinath Principal Dr.K.V.SR Institute of Pharmacy Kurnool
Co-Supervisor's Name & Designation with Address	***
External Registration/ Full Time- RC	External Registration

All the research scholars have to pay an amount of Rs.40,000/- per annum by 31<sup>st</sup> July of every year or in two spells of Rs. 20,000/- each by 31<sup>st</sup> of July and 31<sup>st</sup> January of every year. Nonpayment of prescribed fee in time may lead to cancellation of the admission.

Copy to The Supervisor & Co-Supervisor concerned.  
Copy to file.

  
Director of Admissions

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

# SRI SHIRIDI SAI EDUCATIONAL ACADEMY

(Regd, No. 578/2000)

25/602-A, Sreenivasa Nagar, **NANDYAL** - 518501: Kurnool (Dt) A.P.

**Dr. M. SANTHIRAMUDU**

**PRESIDENT**

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

12.06.2023

## LETTER OF SANCTION

To,  
Principal,  
Santhiram College of Pharmacy,  
Nandyal.

Dear Sir,

Sub: Sanction grant for carrying out research project at SRCP-**Manufacture & Implementation of Phenyle (Sitol) and soap oil**- Reg.

Ref.: 1. RGM&SRGI/Soap Oil/2022/12/03 dated 12-05-2022

2. Lr. No. SRCP/R&D/2022/P-01, dated 13.06.2022.

\*\*\*\*

With reference to the above cited subject, it is to bring to your notice that upon holding an internal discussion with the committee, sanctioned & allocated the grant to continue the project for 2023-24 on "**Manufacture & Implementation of Phenyle (Sitol) and soap oil**" as early as possible. You are being sanctioned a grant amount of Rupees 5,25,000/- (Five Lakhs Twenty five thousand only) for the manufacture of the said product by utilizing the resources (Machinery, Raw materials, Chemicals, Man power) & miscellaneous if any.

If there is need for extension of the work, you are requested to bring to our notice for the further proceedings.



*Santhiram*  
Chairman  
Santhiram College of Pharmacy  
NH-40, Nellore (V&P)  
Nandyal - 518112





## SANTHIRAM COLLEGE OF PHARMACY

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**Dr. C. MADHUSUDHANA CHETTY,**  
M.Pharm., Ph.D., M.B.A

Principal,

Lr.No: SRCP/R&D/2022-23/P-03

Date: 29.05.2023

To,

The Chairman,

RGM & Santhiram Group of Institutions,

Nandyal.

Respected Sir,

Sub: SRCP-R&D-IRG- Continuation-Implementation Process of Phenyle (Sidl) and  
Soap Oil Manufacturing -Submission-Reg.

Ref. No. RGM&SRGI/Continuation of Soap Oil/2022/12/03 dated 12-05-2022

As per your reference cited above, we are happy to inform that the Santhiram college of Pharmacy wish to take up your project titled "Implementation Process of Phenyle (Sidl) and Soap Oil Manufacturing". The duration required for the manufacture and implementation is Three (03) months and the cost per each unit is enclosed. We are looking forward for the project order.

Total estimated project cost for Implementation of Phenyle (Sidl) and Soap Oil is Rs. 5,40,000 (Five lakhs forty thousand only inclusive of all taxes).

Thanking You,

With Regards,

**PRINCIPAL**

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



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NH-40, Nerawada, Nandyal, Kurnool DIST. A.P - 518501

## RESEARCH AND DEVELOPMENT (R&D)

### WORK COMPLETION REPORT

It is hereby submitted that, the expenditure sanctioned and incurred towards the completion of the project entitled "Design, Manufacture & Implementation of Phenyle (Sidel) and Soap Oil" is Rs. 5,45,000/- (Five Lakhs Forty Five thousand only) has been utilized for the purpose for which it was sanctioned.

The expenditure includes chemicals and utilization of necessary facilities i.e., Instruments, Equipment and miscellaneous if any. The above sanctioned is sponsored by Rajeev Gandhi Memorial Institutions & Santhiram Group of Institutions (RGM&SRGI), Nandyal.


Certified that I have satisfied myself that the conditions on which the sanctioned has been duly fulfilled and the money was actually utilized for the purpose for which it was sanctioned.



(Submitted By)



(Verified By)

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





# SANTHIRAM COLLEGE OF PHARMACY

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## SOAP OIL

### INTRODUCTION:

Soap oil chemically known as sodium salt of linear alkyl benzene sulphonic acid is used as dish wash, floor cleaner and liquid detergent. Soap oil is used in household, hotels. And restaurants, kitchens etc.. Technical Aspects: Process of Manufacturing: The raw materials used in the manufacture of soap oil.

### PROCEDURE:

1. Weigh and take the materials separately as per quantities given in the formula.
2. Weigh and dissolve 2 Kg of NaOH in 40 Its of water and add 10 kgs of acid slurry slowly and Stir for 15 mins slowly.
3. Adjust the pH of the solution with sodium hydroxide pellets until the pH paper turns to reen. (Alkaline)
4. Add 49 litres of water to the solution
5. Leave the preparation overnight without disturbance
6. Then add 2kg urea, 2kg salt, 0.5 kg colour and 0.5 kg perfume.

### Implementation Schedule:

The project can be implemented in one month time as detailed below:

S. No.	Activity	Time Required
1	Acquisition and construction of premises	14 days
2	Procurement & installation of Plant & Machinery	3weeks
3	Procurement of raw materials (Chemicals)	10 days
4	Arrangement of Finance	2 days
5	Recruitment of required manpower	1 day
Total time required (some activities shall run concurrently)		~ 1 month

**PRINCIPAL**

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NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

## FINANCIAL ASPECTS

### Manpower Requirement:

The enterprise requires | dedicated employee as detailed below:

S. No	Designation of employee with salary per month	Roles and responsibilities
1	Skilled worker cum accountant Salary: ~2000 per month	<ul style="list-style-type: none"><li>✓ Responsible to manufacture and supply the Soap oil as per the demand.</li><li>✓ » Must plan the manufacture and procure the raw materials whenever necessary.</li><li>✓ Should maintain the records of manufacture and supply of it.</li></ul>

### Raw Material requirement and cost

Ingredients	Cost per KG (Rs.)
NaOH	45
Acid slurry*	100
Water	--
Perfume	1300
Colour	200
Salt	10
Urea	15

\*cost of above raw materials was for the order of ~200 lts

### Initial investment on chemicals

Ingredients	Cost per KG (Rs.)	Minimum quantity to be ordered (Kg)	Total amount (Rs)
NaOH	45	50	2250
Acid slurry*	100	250	25000
Water	--	--	--
Perfume	500	1	500
Colour	200	1	200
Urea	15	50	750
Salt	10	50	500
Total			29200

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### Raw Material requirements per batch (100 litres per month)

S. No	Description	Quantity in kgs (for 100 litres)	Value Rs.
1	NaOH	2.2	100
2	Acid slurry	10	1000
3	Water	89	--
4	Perfume	0.5	250
5	Colour	0.5	100
6	Urea	2	30
7	Salt	2	20
Total		100 litres	1500

### Utilities and other expenses per month

S. No.	Description	Value Rs.
1	Power	100
2	Water	100
3	Misc. expenditure	300
Total		500

### Total working capital per month

S. No	Description	Value Rs.
1	Staff and labour	2,000
3	Raw materials	29200
4	Utilities	1,600
5	Other expenses.	1,000
Total		33,800

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## IRG with Soap oil

S. No	Institution	Monthly consumption (lit)	Price/lit (Rs)	Total expenditure per month (Rs.)	SRCP Product (Rs.)	Expenditure with SRCP product (Rs.)	Savings to RGM (Rs.)	IRG(SRCP)/Month (Rs.)
1	SRMC & GH	100	25	2500	15	1500	1000	500
2	RGM INT. School	200	35	7000		3000	4000	1000
3	RGM CET	400	15	6000		6000	0	2000
4	RGM Boys Hostel	250	15	3750		3750	0	1250
5	RGM Girls Hostel	300	15	4500		4500	0	1500
Total per month		1250		23750		18750	5000	6250
Per annum		15000		285000		225000	60000	75000

## Total Savings to RGM group and SRCP-IRG:

S.No.	Name of the Formula	Savings to RGM group/Year (Rs)	Savings to IRG – SRCP/Year (Rs)	Total Saving/Year (Rs)
1.	Phenyl	21600(C)+90720(D) =112320	37200(C)+71280(D) =108480	Rs.220800
2.	Soap oil	60000	75000	Rs.135000
	Grand Total	172320	183480	Rs.355800

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





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## PHENYLE (SIDOL)

### INTRODUCTION:

Phenyl is an emulsion of Pine oil and water with an emulsifying agent. Pine oil contains pinene (7.38%). B-pinene (12.46%). B-phellandrene (26.93%), B-caryophyllene (4.48%). and citronellol (12.48%) and other homologues of phenol which exert the necessary germicidal powder. Apart from possessing the correct germicidal strength, phenyl should stand without separation for any length. whether exposed to light or not. When poured into water it should readily disperse without stirring. It should form a thick milky white emulsion when sufficiently diluted. Phenyl apart from its use in household, hotels, and restaurants, kitchens, bathrooms, and drain lines is used in considerable quantities by institutions such as hospitals, nursing homes, dispensaries and municipalities.

### Technical Aspects:

### Process of Manufacturing:

The raw materials used in the manufacture of phenyl concentrate (PC).

### Technical Aspects:

### Process of Manufacturing:

The raw materials used in the manufacture of phenyl Concentrate (PC).

Ingredients	Quantity per 1 Kg PC (g)	Quantity per 100 Kg PC (Kg)	Quantity per 500 Kg PC (Kg)
NaOH	7.76	0.78	3.88
Acid slurry	48.50	4.85	24.25
Water	193.99	19.40	97.00
TRO	126.32	12.63	63.16
ALFOX	31.58	3.16	15.79
Pine Oil	600.00	60.00	300.00
Total	1000.39	100.039	500.20

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NH-40, Nandyal-518501, A.P.



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NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

## 1. Procedure to make 100 liters of Phenyl concentrate:

### Step-01: Product - I

1. Weigh and put the materials separately as per quantities given in the formula.
2. Weigh and dissolve 0.78 Kg of NaOH in 19.40 ltrs of water, add 4.85 kgs of acid slurry slowly and Stir for 15 mins. 5 i lee
3. Adjust the pH of the solution with sodium hydroxide pellets until the pH paper turns to green. (Alkaline)
4. Leave the preparation overnight without disturbance.

### Step-02: Emulsifying agent

1. Next day add 3.16 Kg of Alfox and 12.63 Kg of TRO to the Product - I. Mix slowly for 30 mins.
2. Regulate the speed of stirring such that no foam should form.
3. Again leave the preparation overnight uninterrupted. (Optional)

### Step-03: Phenyl concentrate:


1. 60 kgs of pile oil is added to the above preparation and mixed for 30 mins.
1. 2, Leave the final preparation for 4 - 5 hrs.
2. Final product must be homogenous, transparent, brownish colour clear solution.

## 2. White Phenyl:

To one liter of Phenyl Concentrate add 20-25 liters of water. The prepared white phenyl is ready use.

## Implementation Schedule:

The project can be implemented in | month time as detailed below:

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





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NH - 18, Nandyal, Kurnool District, Andhra Pradesh - 518501.

## Implementation SCHEDULE:

The project can be implemented in 1 month time as detailed below:

S. No.	Activity	Time Required
1	Acquisition and construction of premises	14 days
2	Procurement & installation of Plant & Machinery	3 weeks
3	Procurement of raw materials (Chemicals)	14 days
4	Arrangement of Finance	2 days
5	Recruitment of required manpower	1 day
Total time required (some activities shall run concurrently)		~ 1 month

## FINANCIAL ASPECTS

### Manpower Requirement:

The enterprise requires **One** dedicated employee as detailed below:

S. No	Designation of employee with salary per month	Roles and responsibilities
1.	Skilled worker cum accountant Salary: ~5000 per month	<ul style="list-style-type: none"><li>➤ Responsible to manufacture and supply the phenyl as per the demand.</li><li>➤ Must plan for manufacturing and procure the raw materials whenever necessary.</li><li>➤ Should maintain the records of supply.</li></ul>

**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.

## Raw Material requirement and cost

Ingredients	Cost per KG (Rs.)
NaOH	45
Acid slurry*	100
Water	--
TRO*	85
ALFOX*	166
Pine Oil*	132

\*cost of above raw materials was for the order of Min 200 lits

## Initial investment on chemicals

Ingredients	Cost per KG (Rs.)	Minimum quantity to be ordered (Kg)	Total amount (Rs)
NaOH	45	3	135
Acid slurry*	100	200	20000
Water	--	--	--
TRO*	85	200	17000
ALFOX*	166	200	33200
Pine Oil*	132	200	26400
Total			96,735

## Raw Material requirements per batch (500 kgs per month)

S. No	Description	Quantity in kgs (for 500 kgs)	Value Rs.
1	NaOH	3.88	174.6
2	Acid slurry	24.25	2425
3	Water	97.00	--
4	TRO	63.16	5368
5	ALFOX	15.79	2621.14
6	Pine Oil	300.00	38700
Total		500Kgs	49288.06

## Utilities and other expenses per month

S. No.	Description	Value Rs.
1	Power	500
2	Water	100
3	Misc. expenditure	1000
Total		1600

## Total working capital per month

S. No	Description	Value Rs.
1	Staff and labour	5,000
2	Machineries	85,000
3	Raw materials	96,735
4	Utilities	1,600
5	Other expenses.	2000
Total		1,90,335

**PRINCIPAL**

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





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## RG from SIDOL(Phenyl Concentrate)

S. No	Institution	Buying Cost/Liter (Rs)	Quantity purchasing per month (Lits)	Total expenditure per month (Rs)	Total expenditure per annum (Rs)	Dilution ratio	Cost of Phenyl conc. (SIDOL) (Rs)	Dilution ratio (SIDOL)	Expenditure /Month (SIDOL) (Rs)	Savings per month (SIDOL) (Rs)	Savings (SIDOL) %	IRG/month (SRCP) Rs.(SIDOL) (Rs)
1	SRMC & GH	120	300	36000	432000	01:20	120	01:20	36000	0	0	0
2	SREC	180	5	900	10800	01:20			600	300	2.78	100
3	TNPS & JC	130	150	19500	234000	01:20			18000	1500	0.64	3000
Total per month			455 Lits	56400	--				54600	1800	3.19	3100
Total per annum				<del>678800</del>	676800				655200	21600	3.19	37200

## IRG From White Phenyl (SIDOL)

S. No	Institution	Buying Cost/Liter (Rs)	Quantity purchasing per month (Lits)	Total expenditure per month (Rs)	Total expenditure per annum (Rs)	Dilution ratio (SIDOL)	Cost of white phenyl/Liter (SIDOL) (Rs)	Total Cost of White Phenyl per month (Lits)(SIDOL) (Rs)	Savings per month to RGM(SIDOL) (Rs)	Savings per Annum to RGM (SIDOL) (Rs)	Savings to RGM (SIDOL) %	IRG/month (SRCP) (Rs)
1.	RGM-INT. School	35	108	3780	45360	01:20	15.00	1620	2160	25920	57.14	540
2.	RGMCET	20	620	12400	148800			9300	3100	37200	25	3100
3.	RGM Boys Hostel	20	200	4000	48000			3000	1000	12000	25	1000
4.	RGM Girls Hostel	20	200	4000	48000			3000	1000	12000	25	1000
5.	SRCP	20	60	1200	14400			900	300	3600	25	300
Total per month			1188 Lits	25380	--			17820	7560			5940
Total per Annum				<del>304560</del>	304560			213840	90720	90720		71280

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