



# **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**

### **RESOURCE MOBILIZATION FOR RESEARCH**



# **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 year

**(ACADEMIC YEAR 2022-2023)**

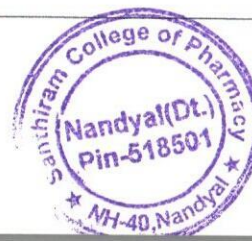



## SANTHIRAM COLLEGE OF PHARMACY

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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 2022-23

| 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    |
|---|---|--------------------------------------|---------------|----------------------------------|--|--|-----------------------------------|-----------|
| Organising Impact Lecture in online mode-Phase 2                    | Dr. L. Siva Sanker Reddy                            | Pharmacy                             | 2022-23       | 0.12L                            | 2 Months (May 23 <sup>rd</sup> – July 15 <sup>th</sup> 2022) | Ministry of Education's Innovation Cell, AICTE   | Government                        | Completed |
| Research Project  | Dr. Praveen Kumar.P                                 | Pharmacy                             | 2022-23       | 0.45L                            | 1 Month  | Sri Krishnadevaraya University College of Pharmaceutical Sciences, Ananthapuramu, Andhra Pradesh | Non-Government                    | Completed |
| Research Project  | Dr. Praveen Kumar.P                                 | Pharmacy                             | 2022-23       | 0.398L                           | 1 Month  | KVSR Siddhartha College of Pharmaceutical Sciences Vijayawada Andhra Pradesh, India              | Non-Government                    | Completed |
| Research Project  | Dr. Praveen Kumar.P                                 | Pharmacy                             | 2022-23       | 0.73L                            | 2 Months   | Individual   | Non-Government                    | Completed |
| Research Project  | Dr. L. Siva Sanker Reddy                            | Pharmacy                             | 2022-23       | 5.222L                           | 3 Months   | RGM Group of Institutions (IRG)  | Non-Government                    | Completed |
| <b>Total Amount Sanctioned During the AY 2022-23 (INR in Lakhs)</b> |   |                                      |               | <b>6.92</b>                      |  |  |                                   |           |



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



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

**ASST YEAR 2023-24**

**INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDING 31.03.2023**

|    | <b>EXPENDITURE</b>                       | <b>AMOUNT IN RS</b> |    | <b>INCOME</b>                          | <b>AMOUNT</b>      |
|----|--|---------------------|----|--|--------------------|
| To | Advertisement                            | 44,520              | By | Fees Collection                        | 4,82,74,415        |
| To | Affiliation Fees                         | 3,50,759            | By | Bus Transport Fee                      | 8,60,979           |
| To | AFRC Fees A/c                            | 1,20,015            | By | Alumini, <b>IRG</b> and Other Receipts | <b>692000</b>      |
| To | AICTE Fees A/c                           | 2,61,557            | By | Misc Income                            | 5,99,253           |
| To | APSCHE Fee                               | 1,69,793            | By | Interest Received                      | 45,107             |
| To | Association Fee                          | 25,000              |    |  |                    |
| To | Audit Fees A/c                           | 1,40,000            |    |  |                    |
| To | Bank Charges                             | 1,723               |    |  |                    |
| To | Building Repairs and Maintenance         | 1,22,948            |    |  |                    |
| To | Buses Repairs and Maintenance            | 2,12,843            |    |  |                    |
| To | College Maintenance                      | 3,76,504            |    |  |                    |
| To | Conferences                              | 92,000              |    |  |                    |
| To | Consultancy Charges                      | 53,100              |    |  |                    |
| To | Depreciation A/c                         | 65,92,130           |    |  |                    |
| To | Diesel and Oil                           | 11,76,292           |    |  |                    |
| To | Electrical Maintenance                   | 1,01,539            |    |  |                    |
| To | Electricity Charges                      | 11,60,543           |    |  |                    |
| To | Functions and Celebrations               | 1,15,580            |    |  |                    |
| To | Garden Maintenance                       | 1,33,850            |    |  |                    |
| To | General Insurance                        | 78,510              |    |  |                    |
| To | Insurance to Students                    | 64,428              |    |  |                    |
| To | Incentives to Students and Staff         | 67,000              |    |  |                    |
| To | Insurance and Taxes                      | 2,38,525            |    |  |                    |
| To | Internet Charges                         | 39,396              |    |  |                    |
| To | JNTU Reg & UCS Fee                       | 17,29,150           |    |  |                    |
| To | Labs Maintenance                         | 70,759              |    |  |                    |
| To | Library Maintenance                      | 2,29,959            |    |  |                    |
| To | NAAC Accreditation Fee                   | 6,19,500            |    |  |                    |
| To | Panchayat Taxes                          | 44,300              |    |  |                    |
| To | Painting and White Washing               | 5,18,936            |    |  |                    |
| To | PCI Affiliation Fees                     | 4,13,000            |    |  |                    |
| To | Printing and Stationary                  | 3,67,940            |    |  |                    |
| To | Repairs and Maintenance                  | 6,180               |    |  |                    |
| To | Salaries A/c                             | 3,33,49,750         |    |  |                    |
| To | Sanitary & Water Line Expenses           | 1,61,247            |    |  |                    |
| To | Seminars and Workshops                   | 97,194              |    |  |                    |
| To | Inspection Expenses                      | 60,000              |    |  |                    |
| To | Sports and Games Exp                     | 2,12,112            |    |  |                    |
| To | Training Programmes                      | 92,000              |    |  |                    |
| To | honorarium                               | 1,26,500.00         |    |  |                    |
| To | Merit Scholarships to students           | 1,37,500.00         |    |  |                    |
| To | Software renewals and licences           | 76,000.00           |    |  |                    |
| To | Transport Charges A/c                    | 33,680              |    |  |                    |
| To | Travelling Account                       | 1,30,600            |    |  |                    |
| To | <b>Excess of Income over Expenditure</b> | <b>2,56,894</b>     |    |  |                    |
|    |  | <b>5,04,71,754</b>  |    |  | <b>5,04,71,754</b> |

**For M/s. ALLAM & ASSOCIATES**  
**CHARTERED ACCOUNTANTS**  
*V. Surendra*  
**(VANKU SRENDRA KUMAR)**  
**M.No: 258395**



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



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**GRANT/ FUND RECEIVED FROM**

**MINISTRY OF EDUCATION'S  
INNOVATION CELL,  
AICTE, NEW DELHI**





Dr. Shaik Muneer &lt;muneer.pharma@gmail.com&gt;

**Fwd: List of IIC Institutions Selected for Organizing Impact Lecture Sessions – Institution's Innovation Council, MoE's Innovation Cell - Reg.**

2 messages

madhusudhan challa &lt;drcmchetty@gmail.com&gt;

To: muneer.pharma@gmail.com, Niranjana Kumar &lt;niranjana3131@gmail.com&gt;

Tue, May 17, 2022 at 5:09 PM

----- Forwarded message -----

From: **IIC MHRD** <iic.mhrd@aicte-india.org>

Date: Tue, May 17, 2022, 4:03 PM

Subject: List of IIC Institutions Selected for Organizing Impact Lecture Sessions – Institution's Innovation Council, MoE's Innovation Cell - Reg.

To:

Cc: &lt;ankush.sharma@aicte-india.org&gt;, selva rani &lt;selva.rani@aicte-india.org&gt;, Abhishek Ranjan &lt;innovationofficer4@aicte-india.org&gt;, &lt;startupfellow3@aicte-india.org&gt;, &lt;startupfellow4@aicte-india.org&gt;

To,

The Head of the Institute  
& IIC President

Dear Sir/Madam,

It is a pleasure to inform that a total 645 IIC Institutions are listed to organize impact lectures (in online mode only) in their respective campuses during the period from 23<sup>rd</sup> May 2022 to 15<sup>th</sup> July 2022 and submit the reports by 30<sup>th</sup> July 2022 in the IIC portal. Detail list is attached and also you can check the same at <https://api.mic.gov.in/uploads/institutes/mic/images/announcements/impact%20lecture%20pahse2-%20selected%20iic%20institutions.pdf>

The Ministry of Education's Innovation Cell (MIC) will provide funding assistance to these IIC institutions towards organizing Impact Lecture Sessions (honorarium to invited external experts). Please go through the attached guideline for conduct of impact lecture sessions.

For any query, please reach to Mr. Ankush Sharma, Innovation Officer, MIC at [ankush.sharma@aicte-india.org](mailto:ankush.sharma@aicte-india.org), Phone no - 011 29581223

Thanks &amp; regards.

**Dipan Sahu**

Asst. Innovation Director

Ministry of Education's Innovation Cell

AICTE HQ, Nelson Mandela Road, Vasant Kunj,

New Delhi 110070 Phone: 011 29581226

Linked-in: <https://www.linkedin.com/in/deepansahu/>Alternative Emails: [dipan.sahu@gov.in](mailto:dipan.sahu@gov.in), [deepun.sahu@gmail.com](mailto:deepun.sahu@gmail.com)Website: <https://mic.gov.in>

2 attachments

**Impact Scheme -Phase II Guidelines.pdf**Principal  
Santhiram College of Pharmacy  
NH-40, MANDYA





MoE's  
INNOVATION CELL  
(GOVERNMENT OF INDIA)



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)

## List of IIC Institutions Selected for Organising Impact Lectures in Online Mode-Phase 2

| Sr.No | IIC ID      | Institute Name   | State          | Zone               |
|-------|-------------|--|----------------|--------------------|
| 248   | IC201810778 | Ravindra College of Engineering for Women                                      | Andhra Pradesh | South-Central/SCRO |
| 249   | IC201912411 | Santhiram College of Pharmacy  | Andhra Pradesh | South-Central/SCRO |
| 250   | IC201811573 | School of Planning & Architecture Vijaywada                                    | Andhra Pradesh | South-Central/SCRO |
| 251   | IC201810226 | Shri Vishnu Engineering College for Women                                      | Andhra Pradesh | South-Central/SCRO |
| 252   | IC201810297 | Siddharth Institute of Engineering & Technology                                | Andhra Pradesh | South-Central/SCRO |
| 253   | IC201811904 | Sri Venkateswara College of Pharmacy   | Andhra Pradesh | South-Central/SCRO |
| 254   | IC201810015 | Sri Venkateswara Engineering College   | Andhra Pradesh | South-Central/SCRO |
| 255   | IC201811595 | SRINIVASA RAMANUJAN INSTITUTE OF TECHNOLOGY                                    | Andhra Pradesh | South-Central/SCRO |
| 256   | IC201810056 | SRKR Engineering College   | Andhra Pradesh | South-Central/SCRO |
| 257   | IC202014550 | SVR Engineering College  | Andhra Pradesh | South-Central/SCRO |
| 258   | IC201810463 | V.S.M. College of Engineering  | Andhra Pradesh | South-Central/SCRO |
| 259   | IC202013948 | VALLABHANENI VENKATADRI INSTITUTE OF PHARMACEUTICAL SCIENCES                   | Andhra Pradesh | South-Central/SCRO |
| 260   | IC202115513 | Vignan's Foundation of Science Technology & Research                           | Andhra Pradesh | South-Central/SCRO |
| 261   | IC202014131 | Vignan's Institute of Information Technology                                   | Andhra Pradesh | South-Central/SCRO |
| 262   | IC201912246 | VIKAS INSTITUTE OF PHARMACEUTICAL SCIENCES                                     | Andhra Pradesh | South-Central/SCRO |
| 263   | IC202012990 | Balaji Institute of Technology & Science                                       | Telangana      | South-Central/SCRO |
| 264   | IC202013943 | Bharathiya Vidya Bhavans Vivekananda College of Science, Humanities & Commerce | Telangana      | South-Central/SCRO |
| 265   | IC202216282 | IIMC Degree College  | Telangana      | South-Central/SCRO |



*Principal*  
Santhiram College of Pharmacy  
NH-49, MANDYA





IIC ID

IC201912411

Santhiram College of Pharmacy (C-26982)

Star Ratings: IIC 3.0



- IA Training 2022
- IA Change Request
- IA Activity Progress

Manage Pre-Incubation / Incubation Details

Schemes

• Mentor-Mentee

• Impact Lecture

ATL School Linkage

e-Learning Resources

YUKTI

Refer Institute for IIC Registration

Performance Card

## Impact Lecture Series

Under the Impact lecture series scheme, IIC institutions can organise up to two sessions(four expert lectures) with the financial support of MIC/AICTE in the field of innovation, IPR, and start up by inviting successful innovators, patent experts and entrepreneurs and resource persons from innovation and start-up ecosystems.

**Number of Sessions:** 2

**Session:** Two lectures per session by different experts

**Mode of Conduct:** Online

**Funding support(Reimbursement Mode):** Rs. 12000 for two sessions (Rs. 3000 per lecture/per expert/per day)

Result of Impact lecture scheme Phase-I and Phase-II already declared. We will notify when next application call for applying in this scheme will open.

Upload Mandate Form

Nominate a coordinator

Add Session Details

Session Report

Statement of Expenditure

Step - 1

Step - 2

Step - 3



Santhiram College of Pharmacy,  
NH-40, NANDYAL



## **Statement of Expenditure**

(for the financial year: 2022-23)

**Name of Institute:** SANTHIRAM COLLEGE OF PHARMACY

**IIC ID:** IC 201912411

**Name of the Scheme under which Grant is approved (Reimbursement mode):** Impact Lecture

### **Expenditure Details**

| Session-1                               |                           |                                 |
|---|---------------------------|---------------------------------|
| Date:18-06-2022                         |                           |                                 |
|   | <b>Expert Name</b>        | <b>Honorarium Amount(In Rs)</b> |
| <b>Lecture 1</b>                        | Dr.V.Ravi Shankar         | Rs.3000/- (Includes TDS Rs.300) |
| <b>Lecture 2</b>                        | Dr. Yoganjaneyulu Kasetti | Rs.3000/- (Includes TDS Rs.300) |
| <b>Total (session 1)</b>                |                           | Rs. 6000/-                      |
| Session 2                               |                           |                                 |
| Date:09-07-2022                         |                           |                                 |
| <b>Lecture 1</b>                        | Dr.Chandraiah Godugu      | Rs.3000/- (Includes TDS Rs.300) |
| <b>Lecture 2</b>                        | Mr. L.A.Rama Prasad       | Rs.3000/- (Includes TDS Rs.300) |
| <b>Total (session 2)</b>                |                           | Rs. 6000/-                      |
| <b>Total Amount (Session1+Session2)</b> | Rs. 12000                 |                                 |

Certified that I have satisfied myself that the conditions on which the amount was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.


#### **Kinds of checks exercised:**

1. Expenditure is as per the guideline of the Impact lecture scheme (Online mode)
2. Event Report, Receipts/Bills, transaction proof, Copy of Institute PAN Card along with mandate form is also submitted online (IIC Portal) and have to be submitted by post
3. TDS must be deducted by the institute before releasing honorarium amount to the experts as per income tax act (10%)

  
[Signature of Chartered Accountant\*/Finance Officer\*\*  
/Registrar\*\*/Govt. Auditor\*\*]

Name of CA: Srikanth Sajja  
Membership No.: 233156  
Full Address: H.No:29-178-4B1  
SBI Colony, Nandyal-518501  
[with seal]



  
[Signature of Head of the Institute]  
Name: Dr. C. Madhusudhana Chetty  
Designation: Principal  
Full Address: Santhiram College of  
Pharmacy, NH-40, Nandyal-51850  
[with seal]

Place: Nandyal  
Date: 14-07-2022

\*In case of private institutions/self-financing Institutions  
\*In case of Government Institutions

  
Principal  
Santhiram College of Pharmacy  
NH-40, NANDYAL



## **SANTHIRAM COLLEGE OF PHARMACY**

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

**GRANT/ FUND RECEIVED FROM**

**SRI KRISHNADEVARAYA**  
**UNIVERSITY COLLEGE OF**  
**PHARMACEUTICAL SCIENCES,**  
**ANANTHAPURAMU,**  
**ANDHRA PRADESH**





# SANTHIRAM COLLEGE OF PHARMACY

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

Date: 14.02.2022

## LETTER OF SANCTION

To,  
Principal,  
SKU College of Pharmaceutical Sciences,  
Ananthapuramu.

Respected Sir,

Sub: Sanction for carrying out research project at our institute – Reg.

Ref.: Request Letter from Principal dated 09.02.2022

\*\*\*\*

With reference to the cited subject, it is to bring to your notice that the college upon holding an internal discussion, has sanctioned to undergo research projects of your M.Pharm Pharmacology department students as early as possible and complete within the stipulated time. Students of your college are also instructed to pay an amount of Rs.15,000/- for each project and total amount of Rs. 45,000/- (Forty five thousand rupees only) (3 Research Projects) for the utilization of services at our college. The expenditure includes chemicals and utilization of necessary facilities, equipments and miscellaneous if any.

| S.No | Name of the Student                      | Title of Research Project   |
|------|--|---|
| 1    | G.Vamshi<br>(Reg.No:205501026)           | Cerebroprotective Activity Of Citronellal via modulation of NOS/NO expression: In-Silico and In vivo Approaches         |
| 2    | R.Lakshmi Charitha<br>(Reg.No:205501033) | Cerebroprotective Potential of Andrographolide Nanoparticles via Infarction and Histological correlation in stroke rats |
| 3    | N.Mounika<br>(Reg.No:205501031)          | Identification of cerebro protective activity of quillaja using rats and in silico techniques                           |

If there need be an extension of the work, you are requested to bring to the notice of the principal and prior approval is a must.

H.O.D.

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

PRINCIPAL  
Principal  
Santhiram College of Pharmacy  
NH-40, NANDYAL





**SRI KRISHNADEVARAYA UNIVERSITY:: ANANTHAPURAMU.**  
**SKU COLLEGE OF PHARMACEUTICAL SCIENCES**

Dr.G. Somasekhar  
Principal

Mobile No : 9652358969  
Email: [gss\\_1966@rediffmail.com](mailto:gss_1966@rediffmail.com)

Date:09.02.2022

To  
The Principal  
Santhiram College of Pharmacy, Nandyal  
Andhra Pradesh

Requisition letter for carryout research Project – Reg


We are, G Vamshi (Reg no: 205501026), R. Lakshmi Charitha (Reg no: 205501033), N. Mounika (Reg no : 205501031) M.Pharm (Pharmacology), SK University, Dept of Pharmaceutical Sciences request you to provide technical assistance of **Dr P Praveen Kumar** in a part of our research project and provide necessary facilities to carry out our projects. I agree to bear all expenses incurred as a result of the above said research work and to provide authorship to the above said faculty members in any research publications resulting from the work.

  
**PRINCIPAL**

S.K.U. College of Pharmaceutical Sciences  
Sri Krishnadevaraya University  
ANANTHAPURAMU-515003 A F

Thank you

Dr. G Somasekhar, M.Pharmacy, Ph.D.  
Principal,  
Sri Krishnadevaraya University College of Pharmaceutical sciences,  
Anantapuram, Andhra Pradesh

  
**Principal**  
Santhiram College of Pharmacy  
NH-40, NANDYAL





Account Name : SANTHIRAM COLLEGE OF PHARMACY  
Address : NH-18, NANDYAL KURNOOL Kurnool  
ALUR  
ANDHRA PRADESH-518112  
INDIA  
Date : 24 Sep 2022  
Account Number : 00000038049837054  
Account Description : CA-REGULAR-PUB-OTH-ALL-INR  
Branch : RAJIV GANDHI COLLEGE OF ENGG AND TECH  
Drawing Power : 0.00  
Interest Rate(% p.a.) : 0.0  
MOD Balance : 0.00  
CIF No. : 90023346986  
IFS Code : SBIN0010577  
MICR Code : 518002683  
Balance as on 25 Aug 2022 : 55,376.98

Account Statement from 25 Aug 2022 to 24 Sep 2022

| Txn Date    | Value Date  | Description   | Ref No./Cheque No.                                       | Branch Code | Debit     | Credit    | Balance     |
|-------------|-------------|---|--|-------------|-----------|-----------|-------------|
| 25 Aug 2022 | 25 Aug 2022 | BY TRANSFER- UPI/CR/2237 89014962/PA SALA /SBIN/praveenpha/Payme- | TRANSFER FROM 48993551620 94 /                           | 1           |           | 45,000.00 | 1,00,376.98 |
| 25 Aug 2022 | 25 Aug 2022 | CHEQUE WDL- CHEQUE TRANSFER TO-287072                             | TRANSFER FROM 39968152069 Mr. PASALA PRAVEEN KU / 287072 | 10577       | 24,450.00 |           | 75,926.98   |
| 15 Sep 2022 | 15 Sep 2022 | BY TRANSFER- UPI/CR/2258 34598244/K GNANAN/UTI B/k.gnananat/ UPI- | TRANSFER FROM 50990761620 94 /                           | 10577       |           | 35,000.00 | 1,10,926.98 |

\*\*This is a computer generated statement and does not require a signature.



Principal  
Santhiram College of Pharmacy  
NH-40, NANDYAL



SRCP R &amp; D &lt;rnd@srcpnandyal.edu.in&gt;

## Quotation Regd.

2 messages

Prasanth Dintakurthi <dsnbkprasanth@gmail.com>  
To: rnd@srcpnandyal.edu.in

7 February 2023 at 14:03

Dear Dr. P. Praveen Kumar,  
Myself, Dr DSNBK Prasanth, working as Associate Professor at KVSr Siddhartha College of Pharmaceutical Sciences, Vijayawada.  
I request you to perform the sample formulation (No 2) effect on cerebral stroke associates CVS Risk  
Please kindly provide the quotation for the same and do the needful at the earliest.  
Thank you

With Regards,

Dr. D. S. N. B. K. Prasanth., M. Pharm., Ph.D.,

Associate Professor,

KVSr Siddhartha College of Pharmaceutical Sciences

Siddhartha Nagar, Vijayawada - 520 010, Andhra Pradesh, INDIA

Ph: +91-7382027437,

email: dsnbkprasanth@gmail.com

To know about my previous research and publications you can find more information here in the following links

<https://orcid.org/0000-0001-5028-1283>

SRCP R & D <rnd@srcpnandyal.edu.in>  
To: Prasanth Dintakurthi <dsnbkprasanth@gmail.com>

7 February 2023 at 15:59

Dear Dr

Thank you for showing interest in carrying out your sample (formulation) activity at Santhiram College of Pharmacy. I am giving estimated charges for the completion of your project.

**Note 50% amount in advance, 25% during mid of project remain Before submission of report**

| S. No | Activity   | Charges      |
|-------|--|--------------|
| 1     | Experimental Methodology to carry ouStroke associated CVS Risk (Testing Blood Parameters, Antioxidants, ECG, and Histopathology) | 24800        |
| 3     | Total Number of rats 54 (Each one 225) and Maintenance   | 15000        |
| 6     | <b>Total</b>   | <b>39800</b> |

Find Payment Details

Name of the account: santhiram college of pharmacy (R&D)  
A/C: 38049837054  
RGM CET, Nandyal  
IFSC Code: SBIN0010577  
Kurnool, Andhra Pradesh

Thanking you  
R&D  
SRCP



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





SRCP R &amp; D &lt;rnd@srcpnandyal.edu.in&gt;

**Letter of intent**

4 messages

**Kattamanchi Gnananath** <k.gnananath@gmail.com>  
To: rnd@srcpnandyal.edu.in

14 September 2022 at 10:23

Dr P Praveen Kumar,

Greetings of the Day!

Myself Dr K Gnananath, As a part of the research, I have two compounds that need to be ascertained for their potential role in myocardial infarction associated with atherosclerosis. In this regard, Please assist me and share the quotation

**SRCP R & D** <rnd@srcpnandyal.edu.in>  
To: Kattamanchi Gnananath <k.gnananath@gmail.com>

14 September 2022 at 11:45

Dear Dr

Thank you for your interest in carrying out your part of the project in SRCP. We are charged **73000 Rs.** The project will be initiated after 50 % in advance payment.

Find Payment Details

Name of the account: santhiram college of pharmacy (R&D)  
A/C: 38049837054  
RGM CET, Nandyal  
IFSC Code: SBIN0010577  
Kurnool, Andhra Pradesh

Thank you Dr

[Quoted text hidden]

**Kattamanchi Gnananath** <k.gnananath@gmail.com>  
To: SRCP R & D <rnd@srcpnandyal.edu.in>

14 September 2022 at 14:45

Thank you for your response.

[Quoted text hidden]

**Kattamanchi Gnananath** <k.gnananath@gmail.com>  
To: SRCP R & D <rnd@srcpnandyal.edu.in>

15 September 2022 at 10:40

Dear Dr Praveen Kumar

I have transferred 35 thousands to the College R&D account kindly check and acknowledge. Please do the needful.

[Quoted text hidden]



**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 (Sidel) 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 (Sidel) 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 (Dt) P-518112





## SANTHIRAM COLLEGE OF PHARMACY

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

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

Principal,

Lr.No: SRCP/R&D/2022/P-01

Date: 13.06.2022

To,

The Chairman,

RGM & Santhiram Group of Institutions,

Nandyal.

Respected Sir,

Sub: SRCP-R&D-IRG-Manufacture & Implementation of Phenyle (Sidol) and soap oil-  
Submission-Reg.

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

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As per your reference cited above, we are happy to inform that the Santhiram college of Pharmacy wish to take up your project titled "**Manufacture & Implementation of Phenyle (Sidol) and soap oil**". 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 (Sidol) and Soap Oil is Rs. 5,80,000 (Five lakhs Eighty thousand only inclusive of all taxes).

Thanking You,

With Regards,

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



# SANTHIRAM COLLEGE OF PHARMACY

Approved by PCI, NEW DELHI, Affiliated to JNTUA, Anantapur  
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 (Sitol) and Soap Oil" is Rs. 5,22,200/- (Five Lakhs twenty two thousand two 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 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.

Staff

(Submitted By)

Director, R&D

(Verified By)

Principal

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



## SOAP OIL

### INTRODUCTION:

Soap oil chemically known as sodium salt of linear alkyl benzene sulphononic 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.

| Ingredients | Quantity per 1 Kg PC (g) | Quantity per 100 Kg PC (Kg) |
|-------------|--------------------------|-----------------------------|
| NaOH        | 22                       | 2.2                         |
| Acid slurry | 100                      | 10                          |
| Water       | 890                      | 89                          |
| Perfume     | 5                        | 0.5                         |
| Color       | 5                        | 0.5                         |
| Urea        | 20                       | 2                           |
| Salt        | 20                       | 2                           |
| Total       | 1000                     | 100                         |


### 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 lts 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 green. (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 | 3 weeks       |
| 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     |

  
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## FINANCIAL ASPECTS

### Manpower Requirement:

The enterprise requires 1 dedicated employee as detailed below:

| S. No | Designation of employee with salary per month            | Roles and responsibilities   |
|-------|--|--|
| 1.    | Skilled worker cum accountant<br>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> |

### List of Machinery Required:

Details of important machinery are given below:

| S. No | Description                            | Quantity | Value Rs. |
|-------|--|----------|-----------|
| 1     | Mixing vessel (Plastic drum) - 200 lts | 2        | 2,000     |
| 4     | Weighing balance - 100 kgs             | 1        | 12,000    |
| 5     | Measuring cans (small drums) - 50 lts  | 5        | 1,000     |
| 6     | Transport cans - 50 lts                | 10       | 10,000    |
| 8     | Miscellaneous                          | --       | 10,000    |
| Total |  |          | ~35,000   |


### 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<br>(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                      | RGMCET           | 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                  |
| <b>Total per month</b> |                  | <b>1250</b>               |                | <b>23750</b>                      |                    | <b>18750</b>                        | <b>5000</b>          | <b>6250</b>           |
| <b>Per annum</b>       |                  | <b>15000</b>              |                | <b>285000</b>                     |                    | <b>225000</b>                       | <b>60000</b>         | <b>75000</b>          |

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)<br>=112320   | 37200(C)+71280(D)<br>=108480    | Rs.220800              |
| 2.    | Soap oil            | 60000                          | 75000                           | Rs.135000              |
|       | Grand Total         | 172320                         | 183480                          | Rs.355800              |

  
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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%),  $\beta$ -pinene (12.46%),  $\beta$ -phellandrene (26.93%),  $\beta$ -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).

| Ingredients | Quantity per 1 Kg PC<br>(g) | Quantity per 100 Kg PC<br>(Kg) | Quantity per 500 Kg PC<br>(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                         |

### 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 lts of water, add 4.85 kgs of acid slurry slowly and Stir for 15 mins.
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 pine oil is added to the above preparation and mixed for 30 mins.
2. Leave the final preparation for 4 - 5 hrs.
3. Final product must be homogenous, transparent, brownish colour clear solution.

  
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## **2. White Phenyl:**

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

### **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<br>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> |

#### **List of Machinery Required:**

Details of important machinery are given below:

| S. No | Description                             | Quantity | Value Rs. |
|-------|---|----------|-----------|
| 1     | Mixing vessel (Plastic drum) - 200 lits | 8        | 8,000     |
| 2     | Mixer, stirrer-electrically operated    | 1        | 30,000    |
| 3     | Weighing balance - 100 kgs              | 1        | 10,000    |
| 4     | Measuring cans (small drums) - 50 lits  | 5        | 1,000     |
| 5     | Transport cans - 50 lits                | 10       | 10,000    |
| 6     | Electrical wiring and water connection. | --       | 6,000     |
| 7     | Miscellaneous                           | --       | 10,000    |
| Total |   |          | ~85,000   |

  
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**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)**

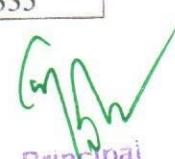
| S. No | Description | Quantity in kgs (for 500 kgs) | Value Rs. |
|-------|-------------|-------------------------------|-----------|
| 1     | NaOH        | 3.88                          | 174.6     |
| 2     | Acid slurry | 24.25                         | 2425      |
| 3     | Water       | 97.00                         | --        |
| 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  |

  
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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                             |
| <b>Total per month</b> |             |                        | <b>455 Lits</b>                      | <b>56400</b>                     | <b>--</b>                        |                |                                   |                        | <b>54600</b>                    | <b>1800</b>                    | <b>3.19</b>       | <b>3100</b>                      |
| <b>Total per annum</b> |             |                        |                                      |                                  | <b>676800</b>                    |                |                                   |                        | <b>655200</b>                   | <b>21600</b>                   | <b>3.19</b>       | <b>37200</b>                     |

  
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### 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 (Lts)(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                   |
| <b>Total per month</b> |                  |                        | <b>1188 Lits</b>                     | <b>25380</b>                     | <b>--</b>                        |                        |   | <b>17820</b>   | <b>7560</b>                          |                                       |                          | <b>5940</b>           |
| <b>Total per Annum</b> |                  |                        |                                      | <del>304560</del>                | <b>304560</b>                    |                        |   | <b>213840</b>  | <b>90720</b>                         | <b>90720</b>                          |                          | <b>71280</b>          |

*[Signature]*

*[Signature]*

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NH-40, NANDYAL