



GOVERNMENT OF KARNATAKA

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology
Karnataka Government Secretariat, 7th Floor, 4th Stage, M. S. Building, Dr. Ambedkar Veedhi, Bangalore-560 001
Phone: 080-2203 2013, E-mail: visiongroup.st@gmail.com Website: www.vgst.in

Dr. S. Ananth Raj
Consultant

No. VGST/TRIP/2015-16/

Date: 05.03.2016

VGST - GRANT SANCTION LETTER

To,
The Principal,
Sapthagiri College of Engineering,
Bangalore

Dear Sir/Madam,

Greetings from Vision Group on Science and Technology (VGST)

Sub: Sanction letter of VGST, DST, Gok for the release of TRIP
Support grant (FY: 2015-16).

- The Vision Group on Science and Technology (VGST) was constituted in October 2008 under the chairmanship of distinguished Scientist Bharat Ratna Prof. C.N.R. Rao, FRS., Chairman, National Research Professor and Honorary President and Linus Pauling Research Professor. The VGST is functioning under the aegis of Department of Information Technology, Biotechnology and Science and Technology (Dept. IT, BT and S&T), Government of Karnataka (GoK). The main objective of VGST is to promote Science Education and Research activities among students, teachers and researchers of Karnataka State.

In this context, Technology Related Innovative Projects (TRIP) was introduced as one of the flagship programmes of VGST in the FY 2010-11. The objective of TRIP programme is to identify & explore the innovative abilities of students to encourage research work on frontier areas of Science & Technology.

- I am here with enclosing a crossed cheque for Rs. 40,000=00 (Forty Thousand only) vide cheque No. 351748 dated 5/3/16 to the TRIP project. Kindly acknowledge the receipt of this grant. The acknowledgement letter is enclosed.

Sl. No.	Name of the College & Place	Name of the Student	Project Title
1	Sapthagiri College of Engineering, Bangalore	1) Soundaryasri .S 2) Spoorthy . N	Ayurvedic Medicinal Kit

Ref: CRT/01/2016-17

Date: 31st August 2016**UTILISATION CERTIFICATE**

Program Name: VGST_TRIP

Project Title: Ayurvedic Medical Kit

Sl. No.	Details	Amount in ₹
1	Previous year Balance (Opening balance (OB), if any)	0
2	Grants Received	40,000
3	Bank Interest (If any)	0
4	Total Available Grants (1+2+3)	40,000
5	Actual Grants Utilised (Statement of Expenditure Enclosed)	42,080
6	Unspent Balance (4-5)	0

Certified that ₹ 40,000/- of grant-in-aid under VGST_TRIP (Program Name) was released by Karnataka Science and Technology Promotion Society (KSTePS) in favour of **The Principal, Sapthagiri College of Engineering, Bengaluru - 560 057** vide letter as stated above during the year 2015-16. The above grant was sanctioned towards Project Title "Ayurvedic Medical Kit". Out of the sanctioned grants, a sum of ₹ 40,000/- has been utilised for the purpose of which it was sanctioned and ₹ 0/- remained unutilised at the end of the financial year 2015-16, to be carried forward (if the program is continued) or to be refunded (if the program is completed) whichever the case is applicable. Expenditure incurred for the purpose for which the grant was sanctioned is verified with the vouchers/bills produced before me.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

For Venkat Narayan & Associates
Chartered Accountants
Registration No. 139754W
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesarghatta
Bangalore-560 057
Venkat Narayan, ACA
Proprietor
Membership No. 153482

Bengaluru, 31st August 2016

Signature and Address of the Project Coordinator

Signature of the Head of Institution and Seal

Dr. Aswath Kumar, M
Principal
Sapthagiri College of Engineering
No. 14/5, Chikkasandra,
Hesarghatta Main Road,
Bangalore-560 057

1. Sanyas R (Dept of BT,
Sapthagiri College of Engg.)
2. PRASHANTH KUMAR, H.P [D.
SCE, B'lore-57.

Statement of Expenditure for the Project Title "Ayurvedic Medical Kit"

Sl. No.	Particulars	Amount in ₹
1	Total Grants Received (Including Opening balance and Bank interest)	40,000
Expenditure Break Up (Item wise as approved and sanctioned)		
A	Equipments	12,080
B	Fabrication	4,870
C	Chemicals	4,685
D	Glasswares	10,161
E	Others (Publication + Print outs + Travel + Stationery)	10,284
2	Total Expenditure (A+B+C+D)	42,080
3	Unspent balance (1-2)	0

Kinds of checks exercised:

1. Verification of supporting bills

CERTIFICATE

Certified that we have verified the disbursement of ₹ 42,080/- (Rupees Forty Two Thousand and Eighty Only) towards VGST-TRIP as mentioned above.

We have exercised the verification of vouchers and supporting documents to see that the money was actually utilized for the purpose for which it was sanctioned.

For Venkat Narayan & Associates
Chartered Accountants

Firm Registration No. 139754W



Venkat Narayan, ACA
Proprietor

Membership No. 153482

Bengaluru, 31st August 2016

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Signature and Address of the Project Coordinator

1. Saranya D [Dept of BT, Sapthagiri College of Eng, B'lore]
2. PRASHANTH KUMAR. H.P [Dept of BT, SCE, B'lore - 57]

Signature of the Head of Institution and Seal

Dr. Aswath Kumar, M
Principal

Sapthagiri College of Engineering

No. 14/5, Chikkasandra


Hesaraghatta Main Road,

Bangalore-560 057

NEW WORK - India : Pune · Bengaluru · Hyderabad



TAX INVOICE

 SAKHALA ENTERPRISES # 966, "SHREEYAA", II PHASE, V STAGE, BEML LAYOUT, RAJARAJESHWARI NAGAR, BENGALURU-560 098. M: 9845156415/9845717528 E-Mail :sakhala13@gmail.com	Invoice No.	Dated	
	SE/1617/069	2-Jun-2016	
Buyer Sapthagiri College of Engineering Prof. Sharnya #14/5, Chikkasandara Hesarghatta Main Road Bangalore - 560057	Buyer's Order No.	Dated	
	Verbal	1-Jun-2016	

Description of Goods	Quantity	Rate	per	Amount
SESS125 (Soxhlet Extraction Apparatus with Heating Mantal125)	1 U	4,500.00	U	4,500.00
Less : DISCOUNT				(-)450.00
Out Put VAT - 14.5%		14.50 %		587.25
Less : Round Off				(-)0.25
Total	1 U			₹ 4,637.00

Amount Chargeable (in words)
INR Four Thousand Six Hundred Thirty Seven Only

Principal
Sapthagiri College of Engineering
 Chikkasandra, Hesareghatta Road,
 Bangalore-560 057

Company's VAT TIN : 29171119444
 Company's CST No. : 29171119444-C
 Company's Service Tax No. : ACGFS9635MSD001
 Company's PAN : ACGFS9635M

Company's Bank Details
 Bank Name : State Bank of India
 A/c No. : 34422344190
 Branch & IFS Code : Channasandra Branch, Bangalore & SBIN0017780
 for SAKHALA ENTERPRISES

Declaration
 We declare that this document shows the actual price of the goods described and that all particulars are true and correct.

Authorised Signatory

SUBJECT TO BANGALORE JURISDICTION
 This is a Computer Generated Invoice



Sakhala Enterprises

#966, "Shreeyaa" II Phase, V Stage, BEML layout, R.R. Nagar, Bengaluru-560098
Email: sakhala13@gmail.com M: 09845156415 / 09845717528

Supplier & Channel Partner of Laboratory Consumables, Instruments, Research Services & Stationery Items.
VAT TIN.: 29171119444, PAN No.: ACGFS9635M

INVOICE

Original Buyer's Copy

To
Prof. Sharanya
Sapthagiri College of Engineering
#14/5, Chikkasandra
Hesaraghatta Nain Road
Bangalore - 560057

No. : SE/1617/160A
Date: 30.07.2016

Sl.No.	Pro. No.	Product Description	Pack Size	Price Rs.	Qty	Amount
1	SEMP05	Micropipette - 0.5 - 10ul	1Unit	3,250	1	3,250
2	SEMP200	Micropipette - 20 - 200ul	1Unit	3,250	1	3,250


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560 057

		6,500
	Sub Total	6,500
	VAT.	14.5% 943
	Grand Total R/O	7,443

Rupees Seven Thousand Four Hundred and Forty Three Only

Our Bank Details:

Account Name: SAKHALA ENTERPRISES
Account No.: 34422344190
IFSC Code: SBIN0017780
Bank Name: State Bank of India

Bank Address: Channasandra, Rajarajeshwari Nagar, Bengaluru - 560098


*Order once placed will not be cancelled or materials once sold will not

Payment: Please make your DD/Cheque in the Name of "SAKHALA ENTERPRISES" Payable at Bengaluru.

* Subject to Bengaluru Jurisdiction

for SAKHALA ENTERPRISES.




Authorised Signatory

6

Animal
SUPERMARKET

[illegible]

Bill No. 89347

[illegible]

Grand total	4,935.00
-------------	----------

PAID

4-THRU: THE THIRTIETH
 FOURTH DECEMBER
 23-30 DEC 1961

Principal
College of Engineering
Sandra, Hesaraghatta Road,
Bangalore-560 067



Sakhala Enterprises

#966, "Shreeyaa" II Phase, V Stage, BEML layout, R.R. Nagar, Bengaluru-560098
Email: sakhala13@gmail.com M: 09845156415 / 09845717528

Supplier & Channel Partner of Laboratory Consumables, Instruments, Research Services & Stationery Items.
VAT TIN.: 29171119444, PAN No.: ACGFS9635M

WE SERVE THE QUALITY

INVOICE

Original Buyer's Copy

To
Prof. Sharanya
Sapthagiri College of Engineering
#14/5, Chikkasandra
Hesaraghatta Nain Road
Bangalore - 560057

No. : SE/1617/161A
Date: 30.07.2016

Sl.No.	Pro. No.	Product Description	Pack Size	Price Rs.	Qty	Amount
1	Q25265	Manganous Chloride ER	500gm	639	1	639


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

639

Sub Total 639

VAT. 14.5% 93

Grand Total R/O 732

Rupees Seven Hundred and Thirty Two Only.

Our Bank Details:

Account Name: SAKHALA ENTERPRISES

Account No.: 34422344190

IFSC Code: SBIN0017780

Bank Name: State Bank of India

Bank Address: Channasandra, Rajarajeshwari Nagar, Bengaluru - 560098


*Order once placed will not be cancelled or materials once sold will

Payment: Please make your DD/Cheque in the Name of "SAKHALA ENTERPRISES" Payable at Bengaluru.

* Subject to Bengaluru Jurisdiction

for SAKHALA ENTERPRISES.




Authorised Signatory



Sakhala Enterprises

#966, "Shreeyaa" II Phase, V Stage, BEML layout, R.R. Nagar, Bengaluru-560098
Email: sakhala13@gmail.com M: 09845156415 / 09845717528

Supplier & Channel Partner of Laboratory Consumables, Instruments, Research Services & Stationery Items.
VAT TIN.: 29171119444, PAN No.: ACGFS9635M

INVOICE

Original Buyer's Copy

To
Prof. Sharanya
Sapthagiri College of Engineering
#14/5, Chikkasandra
Hesaraghatta Nain Road
Bangalore - 560057

No. : SE/1617/161A
Date: 30.07.2016

Sl.No.	Pro. No.	Product Description	Pack Size	Price Rs.	Qty	Amount
1	Q25265	Manganous Chloride ER	500gm	639	1	639


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

		639
	Sub Total	639
	VAT. 14.5%	93
	Grand Total R/O	732

Rupees Seven Hundred and Thirty Two Only.

Our Bank Details:

Account Name: SAKHALA ENTERPRISES
Account No.: 34422344190
IFSC Code: SBIN0017780
Bank Name: State Bank of India

Bank Address: Channasandra, Rajarajeshwari Nagar, Bengaluru - 560098

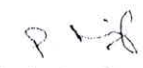
*Order once placed will not be cancelled or materials once sold will

Payment: Please make your DD/Cheque in the Name of "SAKHALA ENTERPRISES" Payable at Bengaluru.

* Subject to Bengaluru Jurisdiction

for SAKHALA ENTERPRISES.




Authorised Signatory



Sakhala Enterprises

#966, "Shreeyaa" II Phase, V Stage, BEML layout, R.R. Nagar, Bengaluru-560098
Email: sakhala13@gmail.com M: 09845156415 / 09845717528

Supplier & Channel Partner of Laboratory Consumables, Instruments, Research Services & Stationery Items.
VAT TIN.: 29171119444, PAN No.: ACGFS9635M

INVOICE

Original Buyer's Copy

To
Prof. Sharanya
Sapthagiri College of Engineering
#14/5, Chikkasandra
Hesaraghatta Nain Road
Bangalore - 560057

No. : SE/1617/161A
Date: 30.07.2016

Sl.No.	Pro. No.	Product Description	Pack Size	Price Rs.	Qty	Amount
1	Q25265	Manganous Chloride ER	500gm	639	1	639
						639
						Sub Total 639
						VAT. 14.5% 93
						Grand Total R/O 732

Rupees Seven Hundred and Thirty Two Only.

[Signature]
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Our Bank Details:

Account Name: SAKHALA ENTERPRISES
Account No.: 34422344190
IFSC Code: SBIN0017780
Bank Name: State Bank of India
Bank Address: Channasandra, Rajarajeshwari Nagar, Bengaluru - 560098

*Order once placed will not be cancelled or materials once sold will

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* Subject to Bengaluru Jurisdiction

for SAKHALA ENTERPRISES.



[Signature]
Authorised Signatory

CASH BILL

Phone : 23446886

Indian Drugs & Provision Stores

Dealers in : Provision, Herbs & Ayurvedic Medicines
395, Sampige Road, Malleswaram, Bangalore-3

No. 230

Date 23/4/2016

M/s.....

Sl. No.	PARTICULARS	Qty.	Rate	AMOUNT Rs. Ps.
1/	Kanta Kani Sg			700 00
TOTAL				700 00

E.&O.E.

TIN : 29240027622

Goods once sold will not be taken
back or exchanged

For Indian Drugs & Provision Stores

Indian Drugs & Provision Stores

Dealers in : Provision, Herbs & Ayurvedic Medicines
395, Sampige Road, Malleswaram, Bangalore-3

No. 229

Date 23/4/2016

M/s.....

Sl. No.	PARTICULARS	Qty.	Rate	AMOUNT Rs. Ps.
1/	Mint Sg			300 00
2/	Pg Sg			200 00
3/	Sg Alp			750 00
TOTAL				1250 00

E.&O.E.

TIN : 29240027622

Goods once sold will not be taken
back or exchanged

For Indian Drugs & Provision Stores

TIN No.: 29070469890 CASH BILL Phone : 23345171
ಶ್ರೀ ರಂಗನಾಥ ಸ್ಟೋರ್ಸ್

Sri Ranganatha Stores

396/1, Ooliga Complex, After 8th Cross, Sampige Road,
Malleshwaram, BANGALORE - 560 003.

No. 766

Date : 4-7-16.

Name	PARTICULARS	AMOUNT
SI No.		
	chakke pothu 3p	270 00
	Badamai 1 3R	780 00
	Olina 1 3R	153 00
	Kantaka Hani Sg	600 00
TOTAL		1803 00

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesareghatta Road,
Bangalore-560 057

No. CASH BILL Ph: 9945666518

GANESH DIGITALS
#40/6, GBR COMPLEX, MSR ROAD,
MATHIKERE Extn, BENGALURU - 560054.

Date: 26/07

Sri Sharanaya

PARTICULARS	AMOUNT	
	Rs.	Ps.
B/W Print outs	1450	1
Digital Colour Prints	900	1
Colour Xerox		
Digital Xerox		
Binding	2250	1
canning, Lamination etc	500	1
Others		
Total	5100	1
Advance		
Amount	5100	00

Payment Receiver by Sh Thanking you
Manager

Cash Bill Mob : 97368733937

KODAK EXPRESS
DIGITAL COLOUR LAB & STUDIO
Opp. N.R.R. Hospital, Near Janapriya Apartment,
Hesaraghatta Main Road, Bangalore- 560090

No. 1204 Date: 31/7/16

M/s.....

Qty.	PARTICULARS	Amount	
		Rs.	Ps.
	Print out 42x2		
	Total	84	
	Advance	84	
	Balance		

For Kodak Express
Digital Lab & Studio

Delivery Date.....

Collect your Photo within 10 days

Signature

Ph: 25999053 CASH BILL

TRIVENI
PETRO OUTLET

1, Grape Garden,
Ayyappa Temple Road,
Peenya Dasarahalli,
Bangalore-560 057.

No. 16234 Date: 27/05/16

M/s.....

Particulars	Litres	Rate	Rs.	Ps.
Petrol			100	
H.S.D.				
Oil				
Others				
Total			100	

Vehicle No.....

VAT: 29240406019

Thanking you Q Signature

B

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

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INVOICE/BILL

Bill No: Jul/003/16
Date: 25/07/2016

To:

Prof. D. Sharanya
Assistant Professor
Dept. of Biotechnology
Sapthagiri engineering college
Bangalore

S.No	Item	Amount (Rs)
1	Publication of book titled "Ayurvedic medical kit"	5000/-
Total		5000/-

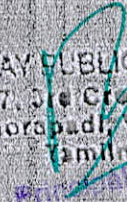
Ruppes in words Five thousand only

For Scibay Publications




Director

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Tamilnadu, India.


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560 057

Payment Voucher

No. : 2044

Dated : 27-Sep-2016

Particulars	Amount
Account : KSCST(Project Work)	20,000.00

Through :

SBI- 30263521464

On Account of :

being balance amount paid towards KST
Project work

Amount (in words) :

INR Twenty Thousand Only

₹ 20,000.00

Receiver's Signature:

Authorised Signatory



Signature and date 24/10/16

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

SAPTHAGIRI COLLEGE OF ENGINEERING
DEPARTMENT OF BIOTECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belgaum, Approved by AICTE, New Delhi)
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057



A PROJECT REPORT ON

“AYURVEDIC MEDICINAL KIT”

Report submitted to Vision Group on Science and Technology under the Technology
Related Innovative Projects (TRIP) - 2015-16

Submitted by

Soundaryasri .S
Spoorthy. N

Under the Supervision of

Ms. SARANYA D
Mr. PRASHANTH KUMAR H P
Department of Biotechnology
Sapthagiri college of Engineering.

Submitted To



Government of Karnataka
VISION GROUP ON SCIENCE AND TECHNOLOGY
Department of Information Technology, Biotechnology and Science and Technology

2015- 2016

[Handwritten signature]
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560 057

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi)

14/5, Hesaraghatta Main Road BENGALURU-560057



DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to certify that the Project Report entitled “**AYURVEDIC MEDICINAL KIT**” has been carried out by **Soundaryasri .S** and **Spoorthy. N** under the scheme of **Technology Related Innovative Projects (TRIP)** during the academic year **2015-2016** are bonafide students of Sapthagiri College of Engineering. The research is a record of original work carried out by them, in Department of Biotechnology, Sapthagiri College of Engineering, Bangalore, Karnataka, under our guidance and supervision and it has not formed the basis for the award of any Degree.

Ms. Saranya D

Mr. Prashanth Kumar H P

(Guides)

Dr. Aswatha Kumar

(Principal)

Chikkasandra, Hesaraghatta Road
Bangalore- 560 057

ABSTRACT

In the face of the increasing use and fast-growing market of herbal medicines and other herbal healthcare products, in both developing and developed countries of the world, policy-makers, health professionals and the public are increasingly expressing concerns about the safety, efficacy, quality, availability, preservation, and further development problems of these herbal products. Public demand has also grown for evidence on the safety, efficacy and quality of these products. An effort is made to increase the flavor and ease of availability for the people under the poverty line. Care is also taken to increase the durability of the product. Maximum interest is taken in producing cost effective product where present drugs are not reachable for majority of the people.

Keywords: herbal medicines; public demand; maximum interest; drugs



Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore- 560 057