



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840
Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Fellow & Principal Investigator - SPP

27th March 2015

Ref: 7.1.03/SPP/1018

The Principal
Sapthagiri College of Engineering
14/5, Chickasandra, Hesaraghatta Main Road,
Bengaluru - 560 057

*Prof. Sreeleela
EC
KSCST*

Dear Sir,

Sub : Sanction of Student Project - 38th Series: Year 2014-2015

Your Project Proposal Reference No. : **38S1628**

Ref : Your Project Proposal entitled " **FUNGAL LIGNIN PEROXIDASE FOR BIODEGRADATION OF PULP PAPER AND TEXTILE EFFLUENT**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 38th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Rohini S and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Asst. Prof. Soumya C & Asst. Prof. Vinutha Moses	Labor	1,000.00
		Travel	1,000.00
Department	Biotechnology	Miscellaneous	500.00
		Report	500.00
		TOTAL	8,000.00
Rupees	EIGHT THOUSAND	ZERO HUNDRED	

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

*Sapthagiri College of Engineering
Chickasandra, Hesaraghatta Main Road,
Bengaluru-560 057*

5) Introduction / background

38S1628

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

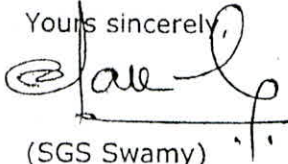
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(SGS Swamy)

Copy to:

- 1) The Head of the Department of
Biotechnology
Sapthagiri College Of Engineering
14/5, Chickasandra, Hesaraghatta Main Road,
Bengaluru - 560 057
- 2) Asst. Prof. Soumya C & Asst. Prof. Vinutha Moses
Department of Biotechnology
Sapthagiri College Of Engineering
14/5, Chickasandra, Hesaraghatta Main Road,
Bengaluru - 560 057
- 3) The Finance Officer, KSCST, Bangalore



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

Fungal lignin peroxidase for biodegradation of paper pulp and textile effluent



A Project Report Submitted To The Karnataka State Council For Science And
Technology
(KSCST – 2014-15)

Submitted By

Ms Rohini S
Ms Priyanka P Ullal

Under the guidance of

Mrs Soumya C
Mrs Vinutha Moses
Assistant Professor
Department of Biotechnology
Sapthagiri College of Engineering
Affiliated to Visvesvaraya technological university
Bangalore, Karnataka

Submitted to

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
INDIAN INSTITUTE OF SCIENCE CAMPUS,
BENGALURU - 560012
Karnataka


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

SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560 057



DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to certified that the project work entitled "Fungal lignin peroxidase for ~~bio~~gradation of paper pulp and textile effluent" has been carried out by Ms Rohini and Ms Priyanka P Ullal bonafide students of VIII semester B.E in Biotechnology of Sapthagiri College of Engineering, under scheme of The Karnataka State Council For Science And Technology during the academic year 2014-2015. 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.

Signature of Guide

Mrs. Soumya C

Mrs. Vinutha Moses

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Main Road,
Bengaluru-560 057

(Dr. Aswatha Kumar M)

Signature of Principal

1-08-15

From,

Soumya C

Dept of Biotechnology,

Sapthagiri College of engineering,

Bangalore.

To,

Principal,

Sapthagiri College of engineering,

Bangalore.

Through

HOD


Respected Sir,


Subject: Requisition to grant KSCST Sanction fund amount

With reference to above subject I, Kindly request you to issue the cheque in the favour of soumya C of the grant amount Rs 8,000 towards the procurement of chemicals, glass wares, characterization of sample and report preparation. The budget estimation to carry out project as attached.

Thanking You,

Yours faithfully,


Soumya C

Forwarded
for the kind
kind m

1-8-15

ALCB

01/08


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

BUDGET ESTIMATE			
Bill No		Particulars	Amount
1		Sample charcterisation	1368 ✓
2		Chemicals	5298 ✓
3		Project report	800 ✓
4.		Travel +Miscellaneous	534 ✓
		Grand total	8000


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



RAGHAVENDRA SPECTRO METALLURGICAL LABORATORY

BILL

No. 5668
Customer : ROHINI.S
SAPTHAGIRI COLLEGE OF ENGINEERING

Date : 11-Jul-2015

Page 1 of 1

Vendor :
Phone :

Your Reference	D.C.No.	Qty.	Rate	Amount
T NT073 TEXTILES WASTE WATER	LT DT:10.07.2015	1	1200.00	1200.00
Sub Total				1200.00
Add Service TaxRgn No.: AAEFR8971MST001 @14%				168.00
Total (Rounded) :		1		1368.00

for RAGHAVENDRA SPECTRO METALLURGICAL LABORATORY

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

GRACE ENTERPRISES

Ph : 99163 56657

Suppliers of : Laboratory Equipments Sales & Services, Glass Wares & Plastics Wares & Chemicals

101, 8th 'C' Cross, Venkatapura, Bangalore - 560 034. E-mail : graceenterprisessam@gmailcom

M/s. *Somnagar**Sophy's college of engg***TAX INVOICE**(ORIGINAL)
(DUPLICATE / TRIPLICATE)

No. 494

Date 22/04/16

Your Order No.

Date

Challan No.

Date

Despatched Per

To

To

From

Freight : To Pay/Paid Rs.

No. of Cases

R.R./G.R./P.R. No.

Date

Documents Through/Payment

Sl.No.	DESCRIPTION	RATE	QTY.	AMOUNT Rs.	Ps.
1.	<i>Guicool</i>	1200	500ml x 1	1200	00.
2.	<i>NNNN tetraethylene methylene diamine</i>	1350	250ml x 1	1350	00
				270	00.
3.	<i>Ammonium per Sulphate</i>	270	500g x 1	1828	00
4.	<i>Bromocyanide</i>	1828	100g x 1	4648	00
			total	650.	72
			VAT 14%.		

Amount in Words Rs.

TOTAL

5298.72

TIN No. : 29080728923

We certify the goods on which Sales Tax has been charged have not been exempted under Sales Tax Act or the rules made thereunder and that the Charges on account of Sales Tax on those goods are correct under the provision of the Act and the contract.

Time

Party's

TIN No.....

E. & O. E.

L.S.T. No.....

All goods are considered at consignee's Risk and we are not Responsible for any damage or breakage in transit. Interest will be charged at 24% on bills not paid within 30 days.

C.S.T. No.....

For GRACE ENTERPRISES

Area Code.....

SUBJECT TO BANGALORE JURISDICTION

Rajaraman

SCE-2014-15

Payment Voucher

No. : 1210

Dated : 8-Aug-2015

Through : TGMG-103091002852

Particulars	Amount
-------------	--------

Account :

KSCST(Project Work)

8,000.00

On Account of :

Being towards refund of KSCST expenses (expenses incurred towards chemicals, Glass ware and Characterization of samples and report Preparation)

Bank Transaction Details:

Soumya C

Cheque

8-Aug-2015

8,000.00

SAPTHAGIRI COLLEGE OF ENGINEERING
TGMG BANK A/C NO.: 103091002852

Chq. No. 812563 Date 20/8/15 Rs. 8000

Prepared

Verified

Authorized Signatory

Amount (in words) :

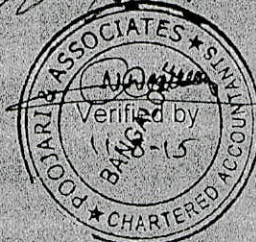
INR Eight Thousand Only

₹ 8,000.00

Receiver's Signature

Authorised Signatory

Checked by



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