



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bangalore - 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. Sreekanth Swamy
Executive Secretary

23rd March 2016

Ref: 7.1.03/SPP/ 1148

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

Dear Sir,

Sub: Sanction of Student Project - 39th Series: Year 2015-2016
Your Project Proposal Reference No.: 39S_BE_1924

Ref: Your Project Proposal entitled: **AGGREGATE CRYPTOSYSTEM FOR SCALABLE DATA SHARING IN CLOUD STORAGE**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 39th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms Roopashree A and others	Budget	Amount (Rs)
Guide/s	Prof. Prerana Chaitra	Materials/Consumables	2,000.00
		Labor	-
		Travel	-
Department	Information Science And Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	3,000.00
Rupees	THREE 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 (including coverpages, abstract and preliminary pages) and 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 proposal 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


Principal
Sapthagiri College of Engineering
Chickasandra, Hesaraghatta Road,
Bengaluru-560 057
Department of Information Science & E.
Sapthagiri College of Engineering
14/5, Chickasandra, Hesaraghatta Main Road,
BANGALORE - 560 057.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI, KARNATAKA, INDIA



A PROJECT REPORT

ON

**AGGREGATE CRYPTOSYSTEM FOR
SCALABLE DATA SHARING IN CLOUD
STORAGE**

A report submitted in the partial fulfillment of the requirements for the award of the degree of

*Bachelor of Engineering
in
Information Science & Engineering*

Submitted by

ROOPASHREE A.	(1SG12IS042)
SUMITHRA T.	(1SG12IS055)
SUNAINA B.G.	(1SG12IS056)
THEJASHREE M.S.	(1SG12IS057)

Under the guidance of

Prof. PRERANA CHAITHRA
Head of the Department,
Dept. of I.S.E., S.C.E.



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING
SAPTHAGIRI COLLEGE OF ENGINEERING

Bengaluru-57

2015-16

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 067

SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

[AFFILIATED TO VISVESWARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



Department of Information Science & Engineering

CERTIFICATE

Certified that the project work entitled AGGREGATE CRYPTOSYSTEM FOR SCALABLE DATA SHARING IN CLOUD STORAGE carried out by Ms. ROOPASHREE A. (1SG12IS042), Ms. SUMITHRA T. (1SG12IS055), Ms. SUNAINA B.G. (1SG12IS056) and Ms. THEJASHREE M.S. (1SG12IS057) bonafide students of 8th semester, department of Information Science & Engineering carried out at our college Sapthagiri College of Engineering, Bengaluru in partial fulfillment of the award of Bachelor of Engineering in Information Science & Engineering of the Visvesvaraya Technological University, Belagavi during the year 2015-16. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the said Degree.

Rec
22/8/16

Signature of the Guide
Prof. Prerana Chaithra
HOD, I.S.E., S.C.E

Rec
21/8/16

Signature of the HOD
Prof. Prerana Chaithra
HOD, I.S.E., S.C.E

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru-560057

Dr. Aswatha Kumar. M
Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru-560057

External Viva

Name of the Examiners

1. *Prof. Prerana Chaithra*
2. *[Signature]*

Signature of the Examiners with date

1. *[Signature]*
2. *[Signature]*

Pan No. : ACLPB8371Q

Date : 20.02.16

KITHA ENTERPRISES

Bill No. 591

ers Binders and Library Stationary Suppliers)
 - 12, A.G.B Layout, Chikkabanavara Post,
 ear Janapriya Apartment),
 ingalore - 90. Ph. 65962990,
 ob : 9243096071, 9916851985

To. Roopa Shree - A
Sapthagiri College of Engineering
Bangalore - 86

Ref. Order No.

Delivery Challan No.

No.	PARTICULARS	Qty.	RATE	AMOUNT	
				Rs.	Ps.
1.	Materials - colour print out and - book binding	2	2400 600	2400-00 600-00	
				3000-00	

For KITHA ENTERPRISES

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

Scanned by CamScanner

Date: 22/08/16

To,

The principal,

Sapthagiri College of Engineering,

Bengaluru.

Respected Sir,

Subject: Permission to issue the KSCST's granted amount. (Ref. No: 395-BE-1924).

KSCST had selected and granted funds for our project named Aggregate Cryptosystem for Scalable Data sharing in Cloud storage. The team consists of Roopashree A, Sumithra T, Thejashree M.S. and Sumaina B.L. under the guidance of Prof. Prerana Chaitra. KSCST had funded us with Rs 3,000/- . We request you to Permit for the issue of granted amount and oblige.

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

Thanking You.

Please do the needful

Department of
Information Science &
Sapthagiri College of Engineering
145, Chikkasandra, Hesaraghatta Road
BANGALORE - 560 057

ALCS (KSCST Project)

22/8/16

Yours faithfully,

Thejashree M.S.

Ph. No.

→ 8105773462
→ 9620814078

Scanned by CamScanner

KSCST PROJECTS

UTILIZATION CERTIFICATE

KSCST Student project program 39th series - 2015-2016

Sl No	Title of the project	Amount	Certified that KSCST has provided partial financial support of RS35000/- towards Biofuel and SPP student project program 39 th series
1	Pollution study on polymeric surge arrestor	3000/-	Sum of Rs35000/- only has been utilize for the purpose Biofuel and SPP student project program for which it was sanction
2	Study on the Chemical composition and invitro evaluation of their Pharmacological activity	6000/-	
3	Simarouba oil-Cake:The solid low value substrate to produce Lipase with potential application in Bio-Diesel extraction and to assay the toxicity of Phytochemical in inhibition of Lipase activity	13000/-	
4	Dual biofuel Production From Microalgae	9000/-	
5	Next Generation E-Voting System For Elderly And Blind Users	4000/-	
6	Aggregate Crypto System for scalable data sharing in cloud storage	3000/-	

Certified that I have satisfied myself that condition on which the grant in aid sanctioned has been duly/are be fulfilled and that I have excise the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of check exercised

1. Cash book
2. Vouchers

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

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

Creating Tomorrow

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to Visveswaraya Technological University, Belgaum & Approved by AICTE - New Delhi)

Sl. No	Project proposal ref no	Title of the project	Dept./Guide	Amount Sanction by KSCST	Amount utilized by the college	Balance if any to be refunded to KSCST
1	39S_BE_1925	Pollution study on polymeric surge arrestor	EEE/ Dr. K N Ravi	3000/-	3000/-	0
2	39S_BE_1928	Study on the Chemical composition and invitro evaluation of their Pharmacological activity	BT/ Dr. Anand S	6000/-	6000/-	0
3	39S_BE_050	Simarouba oil-Cake: The solid low value substrate to produce Lipase with potential application in Bio-Diesel extraction and to assay the toxicity of Phytochemical in inhibition of Lipase activity	BT/ Prof. Shobha G	13000/-	13000/-	0
4	39S_BE_088	Dual biofuel Production From Microalgae	BT/ Prof. Saranya D	9,000	9,000	0
5	39S_BE_1911	Next Generation E-Voting System For Elderly And Blind Users	EC/ Prof. Karthik N. C.	4000	4000	0
6	39S_BE_1924	Aggregate Crypto system for Scalable data sharing in cloud Storage	IS/Prof. Prerana Chaitra	3000	3000	0

Signature of the Principal with seal

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

Signature of Auditor with seal



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