



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341052, 23340040, 23340040 ♦ Telefax: 080-23348840

Email: office@kscst.lisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.lisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Alva's Institute of Engineering and Technology,
Moodbidri - 574 225.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : 43S_BE_0142

Ref : Your Project Proposal entitled " FOOD WASTAGE REDUCTION MOBILE APPLICATION

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Chandan B	Budget	
	Mr. Anand R	Particulars	Amount (Rs.)
	Mr. Shradha Raj K	Materials/Consumables	3,000.00
	Mr. Jeevith R	Labour	-
Guide/s	Prof. Venkatesh	Travel	-
	Mr. Vasudev S Shahapur	Miscellaneous	500.00
Department	Computer Science And Engineering	Report	500.00
		Total	4,000.00
	Four Thousand Rupees Only		

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 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.lisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

PRINCIPAL
Alva's Institute of Engg. & Technology,
Moodbidri - 574 225, D.K.

By Dattababu Dal P
HOD/CS

19/3/20
D-67

6) Introduction / background

(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.

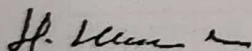
The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

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,

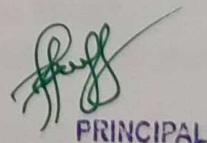


(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Computer Science And Engineering
Alva'S Institute Of Engineering And Technology,
Moodbidri - 574 225.
- 2) Prof. Venkatesh
Department of Computer Science And Engineering
Alva'S Institute Of Engineering And Technology,
Moodbidri - 574 225.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI - 590018**



A PROJECT REPORT ON

“FOOD WASTAGE REDUCTION SYSTEM”

Submitted in partial fulfillment for the award of Degree of,

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

By

CHANDAN B	4AL16CS400
ANAND R	4AL15CS008
SHRADHARAJ K	4AL17CS402
JEEVITH R	4AL15CS044

Under the Guidance of
Prof. Venkatesh
Associate Professor



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
MOODBIDRI-574225, KARNATAKA 2019 – 2020**

**ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225,
KARNATAKA**



**DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING**

CERTIFICATE

This is to certify that the project entitled **"FOOD WASTAGE
REDUCTION SYSTEM"** has been successfully completed by

CHANDAN B	4AL16CS400
ANAND R	4AL15CS008
SHRADHARAJ K	4AL17CS402
JEEVITH R	4AL15CS044

The bonafide students of **DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND
TECHNOLOGY** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI** during the year 2019-2020. 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 Bachelor of Engineering
Degree.

**Prof. Venkatesh
Project Guide**

**Dr. Manjunath K. Kari
Head of the department
Dept. Of Computer Science & Engineering
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, K.A.**

**Dr. Peter Fernandes
Principal**

Name of the Examiners

- 1.
- 2.

PRINCIPAL
**Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, K.A.**
Signature with Date

ABSTRACT

The sharp increase in the amount of wastage in terms of food makes the need for charity in terms of donation. In the current scenario food is being wasted daily on a large basis in different restaurants, weddings, social functions, college canteens and many other social events. The proposed system presents, a new internet-based application that provides a platform for donating leftover food to all needy people/organizations. The system is shown to be an effective means of donating things to organizations, etc. over the internet. This system will create a common collaboration portal for hotels/restaurants and charities, charity can directly contact restaurants who have food remaining and report generation which will show how much food is donated by which restaurant and providing reward points for them. In this system Food Donor, Food receiver, Third party vendor, admin and premium user are the main modules where Food Donor can be any organization, institute or college who wants to donate food and create a new food donation request and Food receiver can be any charity firm seeking for food. Food item's will be categorised separately, where Donor can select the category of food which will be donated, which will be help for receiver to choose food item as receiver's taste, among different category of donated food before requesting for food. A new food donation request will be created on the portal and once the request is accepted, a notification is sent to Third party vendor which is responsible for moving food from food donor to food receiver. The premium users are the ones who donate food on a daily basis.