**Dr. S. G. Sreekanteswara Swamy**
**Executive Secretary**

28th March, 2018

Ref: 7.1.01/SPP/08

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

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
**Your Project Proposal Reference No. :  41S_BE_0934**

Ref : Your Project Proposal entitled "  **LEARN AND  TEACH A PLATFORM FOR A DIGITAL CLASSROOM**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

| Students | Mr. Akash Kubasad and others | Budget | Amount (Rs) |
|---|---|---|---|
| | | Materials/Consumables | 3,000.00 |
| **Guide/s** | Mr. Vasudev Shahapur | Labor | - |
| | | Travel | - |
| **Department** | Computer Science And Engineering | Miscellaneous | 500.00 |
| | | Report | 500.00 |
| | | **TOTAL** | 4,000.00 |
| | **RUPEES FOUR THOUSAND** | | |

The following are the guidelines to carryout the project work :

a)  The project should be performed based on the objectives of the proposal sent by you.

b)  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.

c)  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.

d)  Please quote your **project sanction reference number printed above** in all your future correspondences.

e)  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 points:

1) Title of the project
2) Name of the College & Department
3) Name of the students & Guide(s)
4) Keywords

5) 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.)**

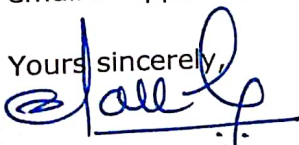e) Projects selected for Seminar / Exhibition will be awarded.

**The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.**
*DEMO OF THE PROJECT WITH TWO / THREE CASE TO FILL UP THE GAP BETWEEN STUDENTS AND TEACHERS.*

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 by email / Website announcement.**

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

Yours sincerely,

(S.G.S. Swamy)

Copy to:
1) The Head of the Department of
    Computer Science And Engineering
    Alva'S Institute Of Engineering And Technology,
    Shobavana Campus,
    Mijar, Moodbidri - 574 225.

2) Mr. Vasudev Shahapur
    Department of Computer Science And Engineering
    Alva'S Institute Of Engineering And Technology,
    Shobavana Campus,
    Mijar, Moodbidri - 574 225.

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

## JNANA SANGAMA CAMPUS, BELGAVI-590010

## PROJECT REPORT

### On

## "LEARNERS AND TEACHERS: Location Specific Learning Platform"

### Submitted by

| | |
|---|---|
| **Mr. AKASH KUBSHAD** | **4AL14CS004** |
| **Mr. HRISHIKESH SHETTY** | **4AL14CS027** |
| **Mr. KARTHIK OV** | **4AL14CS033** |
| **Mr. NAGESH NAYAK** | **4AL14CS047** |

### In partial fulfillment of the requirements for the degree of

## BACHELOR OF ENGINEERING

### In

## COMPUTER SCIENCE AND ENGINEERING

### Under the Guidance of

## Mr. VASUDEV S

## SENIOR ASSOCIATE PROFESSOR

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## ALVAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

### Moodbidri-574225, Karnataka

### 2017– 2018

# ALVAS INSTITUTE OF ENGINEERING AND TECHNOLOGY

## MIJAR, MOODBIDRI D.K. -574225

## KARNATAKA

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

# CERTIFICATE

Certified that the project work entitled "LEARNERS AND TEACHERS: Location Specific Learning Platform" is a bonafide work carried out by

| | |
|---|---|
| Mr. AKASH KUBSHAD | 4AL14CS004 |
| Mr. HRISHIKESH SHETTY | 4AL14CS027 |
| Mr. KARTHIK OV | 4AL14CS033 |
| Mr. NAGESH NAYAK | 4AL14CS047 |

in partial fulfilment for the award of BACHELOR OF ENGINEERING in COMPUTER SCIENCE AND ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the year 2017–2018. 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.

Mr. Vasudev S

**Project Guide**

Dr. Manjunath Kothari

**H.O.D.**
Dept. of Computer Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

Dr. Peter Fernandes

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

**Name of the Examiners**

**Signature with Date**

1.

2.

# ABSTRACT

The joy meeting an expert, for a craving learner. The proposed framework connects the ones who are eager to share knowledge to those who are passionate to learn. The system allows anyone to sign up for teaching or learning regardless their profession. Major features of the proposed framework include displaying the location of trainers and trainees as well as it provides all their contact details. The users can interact within the platform by making use of real time messenger application developed using Firebase that includes web-socket feature. The framework also incorporates Google maps API's to locate users as well as filter the trainers according to the interest of trainees. The application is feasible for those who have decent information on a specific topic and can influence and impart an individual with rich amount of data. From a learner's perspective, anyone who wants to learn anything new, can join the platform and connect with trainers.