



SANTHIRAM ENGINEERING COLLEGE:: NANDYAL
NH-40, Nandyal – 518501: Kurnool Dist. A.P.

R & D and IPR Cell
AY 2019-20

Govt/ NGO – Funded Projects

Sl. No	Name of the Investigator	Dept	Title of the Project	Amount Sanctioned	Name of the Agency	Gov/Non-Gov	Status of the project
1	Mrs G.Sowmya & Dr.M.V.Subramanyam	ECE	LabVIEW Based Text Detection and Object Recognition Prototype for the Blind and the Dumb People	0.098L	The Institution of Engineers, India	Government	Completed
2	Dr.M.V.Subramanyam	ECE	Recent advances in carbon nano tubes and Graphine based 3D interconnections through silicon vias	3.30L	AICTE, New Delhi	Government	Sanctioned and Rs.3.30Lac is released on 16-1-2020 and Completed.
3	Mrs G.Sowmya	ECE	Entrepreneurship Awareness camp	0.20L	DST-NIMAT New Delhi	Government	Sanctioned and Rs.0.016Lac is released on 23-10-2019 & Rs.0.004Lac is released on 13-11-2019 and Completed.
4	Dr.S.M.D.Farooq	CSE	Entrepreneurship Awareness camp	0.20L	DST-NIMAT New Delhi	Government	Sanctioned and Rs.0.016Lac is released on 23-10-2019 & Rs.0.004Lac is released on 13-11-2019 and Completed.


PRINCIPAL
Santhiram Engineering College
Nandyal, Kurnool(Dt.), A.P.


CO-ORDINATOR



Sowmya G <sowmya.ece@srecnandyal.edu.in>

Re: Project ID: RDUG2018027: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE

3 messages

RESEARCH IEI <research@ieindia.org>

Tue, Dec 4, 2018 at 10:49 AM

To: sowmya.ece@srecnandyal.edu.in

Cc: principal@srecnandyal.edu.in

R.4/2/UG/2018-19/RDUG2018027

Dear Sir/Madam,

We are pleased to inform you that your project has been shortlisted by us for a Grant-in-Aid for the financial year 2018-19.

As per the approved norms, grant will be released against approved projects only when both the guides are corporate members of IEI. In view of the above, the second guide may be requested to apply for appropriate category of membership and send scanned copies of the filled-in membership application form and cheque for membership fees to us. The details may be obtained from the link <https://www.ieindia.org/webui/iei-Memb.aspx>.

Also, keeping in view that not being an Institutional Member, your proposal has been recommended for IEI Grant-in-Aid Scheme, we would now request your college to take up Institutional Membership (IM) so as to avail R&D/Fellowship Grants in future.

The Institutional Members enjoy a host of benefits for lifetime against payment of a nominal one time fee of INR 1,77,000/- (inclusive of GST) like:

1. Institutional Members [IMs] will receive e-access of all IEI-Springer Journals and other Publications per year giving the latest knowledge as applicable to 15 Engineering Disciplines (Total worth INR 23,000/- per year).
2. IMs will be preferred over others while sanctioning of IEI R&D Grant-in-Aid
3. Five Library Cards of IEI libraries without payment of any fees, (Security deposit however, is applicable).
4. Participation of two representatives of Institutional Member in International activities organized by IEI across the country at a concession of 50% in Registration fee.
5. Participation of Deputed Staff (both Engineering and Managerial) in offered to regular Corporate Members.
6. Concession of 5% in the rate for advertisement in the Institution Publication provided these are sent directly to the Institution.
7. Use of Institution Premises for Technical / Academic purpose on payment of fee to be fixed by the State / Local Centre.
8. Facility of IEI guest room accommodation to Managerial / Technical Staff at rates fixed by the State / Local Centre.
9. Technical collaboration for arranging technical seminars/symposia/workshops etc. a grant of Rs 40,000/- for organizing two national level seminars/workshops in a year.

A copy of the Membership form is attached for your kind perusal. For further details please visit the link https://www.ieindia.org/webui/iei-Memb.aspx#institute_Memb.

Kindly expedite.

With regards,

IEI R&D Cell
 Technical Department
 The Institution of Engineers (India)
 8 Gokhale Road, Kolkata-700020
 West Bengal, India.

Website: www.ieindia.org

On Thu, Aug 23, 2018 at 11:25 AM Sowmya G <sowmya.ece@srecnandyal.edu.in> wrote:

To
 Director (Technical)
 The Institution of Engineers (India)

Principal
 Santhiram Engineering College
 NANDYAL

From
Santhiram Engineering college,
nandyal ,kurnool(dist),A.P

Sub:Submission IEI R&D Grand in Aid scheme Proposal---Reg

A Project Proposal entitled "**LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE**" has been submitted under IEI R&D Grant in-aid-scheme on the project category of 'Under Graduate' (UG)

I strongly believe that this project will help our nation to become mono pride on the specified technique. hence i submitted the proposal for your kind personal.

thanking you

 **Application_Form_Institutional_Member_IM.pdf**
398K

Dr.Subramanyam M.V <principal@srecnandyal.edu.in>

Tue, Dec 4, 2018 at 11:06 AM

To: sowmya.ece@srecnandyal.edu.in, Mallikarjuna Rao Y <hod.ece@srecnandyal.edu.in>

[Quoted text hidden]

Dr. M.V. Subramanyam B.E., M.Tech., Ph.D.
PRINCIPAL Santhiram Engineering College [SREC]
Nandyal, Kurnool Dist, A.P., INDIA

 **Application_Form_Institutional_Member_IM.pdf**
398K

Sowmya G <sowmya.ece@srecnandyal.edu.in>

Wed, Dec 5, 2018 at 3:38 PM

To: principal@srecnandyal.edu.in

good afternoon sir

here attached IE application form and DD for Membership application please find the attachment

thank you sir

[Quoted text hidden]

2 attachments



S1.jpg
414K

 **IE application form.pdf**
1454K



Sowmya G <sowmya.ece@srecnandyal.edu.in>

Fwd: Project ID: UG2019024: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE

Tue, Jun 16, 2020 at 4:58 PM

Dr.Subramanyam M.V <principal@srecnandyal.edu.in>
To: Sowmya G <sowmya.ece@srecnandyal.edu.in>

----- Forwarded message -----

From: RESEARCH IEI <research@ieindia.org>

Date: Tue, Jun 16, 2020 at 4:38 PM

Subject: Re: Project ID: UG2019024: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE

To: Dr.Subramanyam M.V <principal@srecnandyal.edu.in>

R.4/2/UG/2018-19/UG2019024

Dear Sir/Madam,

This has reference to our trailing mail.

We would like to remind you that your UG project titled "LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE" was sanctioned a grant amount of Rs 9,800/- during the FY 2018-19 under IEI R&D Grant-in-Aid Scheme through NEFT dated 20/12/2018.

It may kindly be noted that though the stipulated period for carrying out the sanctioned project is over, we could not formally close the project because we are yet to receive the following documents:

- (1) soft & hard copy of Project Report and
- (2) soft copy of IEI R&D Compendium Proforma in editable format (preferably in .doc/.docx)

These documents should be forwarded to research@ieindia.org immediately. Besides, a hard copy Project Report should reach us via post within the next 15 days.

The submission will be treated as successful and complete only on receipt of the above documents. Failure to send in the above documents within the mentioned time frame may force us to consider further project proposals from your Institution/College/University in future. Kindly treat the matter as urgent and do the needful in this regard.

With best regards,

IEI R&D Cell
Technical Department
The Institution of Engineers (India)
8 Gokhale Road, Kolkata-700020
West Bengal, India.

Website: www.ieindia.org

On Mon, Oct 14, 2019 at 10:43 AM RESEARCH IEI <research@ieindia.org> wrote:
R.4/2/UG/2018-19/UG2019024

Dear Sir/Madam,

This has reference to the trailing mail.

Please be informed that the project completion report and final project report are not same. Final project report should contain the outcome of the project with more details and preferably in manuscript format. The hard copy of

Principal
Santhiram Engineering College

3/20/2021

Santhiram Engineering College Mail - Fwd: Project ID: UG2019024: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION...

the final project report should be submitted in a bound volume where in the title page of the Project Report, it should be mentioned that "The Project has been funded by The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020 under R&D Grant-in-Aid scheme".

Also, you are again requested to submit the Compendium Proforma in editable format (preferably in .doc/.docx) since the submitted soft copy doesn't contain images and it is incomplete.

Please note that after project completion, application form is not required any more so kindly do not submit the same.

The submission will be treated as successful and complete only on receipt of the above documents in desired format.

With regards,

IEI R&D Cell
Technical Department
The Institution of Engineers (India)
8 Gokhale Road, Kolkata-700020
West Bengal, India.

Website: www.ieindia.org

On Sat, Oct 12, 2019 at 3:52 PM Dr.Subramanyam M.V <principal@sreknandyal.edu.in> wrote:

Respected sir,

we have already submitted the soft copy and hard copy of Project ID: UG2019024: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE on 21.09.19, based on your mail on 09.10.19 we are again sending the

1. Final project completion report
2. Utilization certificate
3. Video of the project

for your consideration and treating as successful completion of the project please accept the same and acknowledge us with thanks and regards

On Wed, Oct 9, 2019 at 3:53 PM RESEARCH IEI <research@ieindia.org> wrote:
R.4/2/UG/2018-19/UG2019024

Dear Sir/Madam,

This has reference to the trailing mail.

We are yet to receive the Final Project Report in soft and hard copy where in the title page of the Project Report, it should be mentioned that "The Project has been funded by The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020 under R&D Grant-in-Aid scheme".

Also, you are requested to submit the Compendium Proforma in editable format (preferably in .doc/.docx).

The submission will be treated as successful and complete only on receipt of the above documents.

With best regards,

IEI R&D Cell
Technical Department
The Institution of Engineers (India)
8 Gokhale Road, Kolkata-700020
West Bengal, India.

Website: www.ieindia.org


Principal
Santhiram Engineering College
MANDYAL

On Sat, Sep 21, 2019 at 4:29 PM Dr.Subramanyam M.V <principal@srecnandyal.edu.in> wrote:

Respected sir,

Thank you very much for sanctioning a project to us. Now I am here with submitting the following information for your reference and necessary approval.

1. Final project completion report
2. Utilization certificate
3. Video of the project

please accept the same and acknowledge us with thanks and regards

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Dr.M.V.Subramanyam *B.E,M.Tech,Ph.D*
PRINCIPAL
Santhiram Engineering College [SREC]
Nandyal, Kurnool Dist, A.P., INDIA

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Dr.M.V.Subramanyam *B.E,M.Tech,Ph.D*
PRINCIPAL
Santhiram Engineering College [SREC]
Nandyal, Kurnool Dist, A.P., INDIA

[Quoted text hidden]



Principal
Santhiram Engineering College
NANDYAL



The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

PROJECT COMPLETION REPORT

1. Project ID : RDUG2018027
2. Project Title : LabView Based Text Detection And Object Recognition Prototype For The Blind And The Dumb People
3. Name of the Investigator : Sunitha.Bellam
 - a. E-mail: suni1998reddy@gmail.com
 - b. Contact Address: H.NO:2-27,Hussaianapuram,Betamcherla mandal, Kurnool dist,A.P-518598
 - c. Mobile No.: 9701730798
4. Name of the Institution of which Investigator is attached: Santhiram Engineering College
5. Name and Designation of the Guide /supervisor: Dr.M.V.Subramanyam
 - a. E-mail: principal@srecnandyal.edu.in
 - b. Mobile No.:9866308475
6. Name of the Director /Principal of the Institution: Dr.M.V.Subramanyam
7. Date of Release of R & D Grant: 4/12/2018
8. Date of Commencement of the Project: 21/12/2018
9. Amount of R & D Grant: 9,800/-
10. Date of Receipt of R & D Grant: 21/12/2018
11. How much work is yet to be completed with the reason of delay:
 - a. Percentage of work completed: 100%
 - b. Amount utilized till date: 43,800/-

Continued.....


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Santhiram Engineering College
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The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

12. How much work is yet to be completed with the reason of delay: Nil

- a. Work yet to be completed with details: Nil
- b. Reason for delay: Nil

13. Probable date of completion of the project: 14/09/2019

14. Amount of matching grant :

- a) Name and address of the organization: SREC,NH-18,Nerawada 'X' roads ,Nandyal ,Kurnool dist,A.P,518501
- b) Date of receipt: 21/12/2018
- c) Amount received: 9,800/-
- d) Amount utilised till date: 9,800/-

15. Name of the organizations providing support to the project:

- a. Name of the organization: **Santhiram Engineering College**
- b. Nature of support e.g. financial, technical and infrastructural : **financial, technical and infrastructural**
- c. Support yet to bereceived: **34,000/-**

16. Project Achievements in brief:

We developed a prototype which is useful for blind and dumb people

17. Expected beneficiaries of the project: 1. **Object recognition and detection for blind people**

prototype 2. **Temperature and humidity conditions of the surroundings are obtained from the**

3. The text data entered in the software by the dumb people is visible to others.

18. Any other information to be furnished regarding progress of project: 1. **Next we will go for paper publication in reputed journal.**

rights 2. **once the prototype is published we will apply for patent**

Continued.....


Principal
Santhiram Engineering College
NANDYAL



The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

PROJECT I.D. RDUG2018027

CERTIFICATE

Certified that:

1. The above progress report is correctly and duly audited: YES
2. The necessary infrastructure is available for completion of the project by the due date: YES
3. The balance amount is readily available for completion of the project by the due date: YES
4. Interim technical report on the project has been enclosed: NA
5. The project will be completed by the due date: YES

B. Sunitha

Signature of the Investigator


Signature of the Guide


Signature & Seal of the Director/Principal



Dr. M.V. Subramanyam
B.E., M.Tech., Ph.D., MIEEE, FIETE, MISTE, MIE, MCSI
PRINCIPAL
Santhiram Engineering College
NANDYAL-518501, Kurnool (Dt.) A.P.


Principal
Santhiram Engineering College
NANDYAL



The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

UTILISATION CERTIFICATE

(To be submitted in duplicate)

[FOR THE FINANCIAL YEAR - (ENDING 31ST
MARCH)]

1. Project.I.D : RDUG2018027
2. Title of the Project : LabView Based Text Detection And Object Recognition Prototype For The Blind And The Dumb People
3. Name of the Institution : Santhiram Engineering College
4. Name of the Project Guide (PG) : Dr.M.V.Subramanyam

UTILISATION CERTIFICATE

Certified that out of Rs. 9,800/- of grants-in-aid sanctioned during the year 2018-19 in favour of SREC R&D under IEI's letter No. _____ dated 20/12/2018 and Rs. 9,800. A sum of Rs. Nine thousand eight hundred rupees only has been utilised for the purpose of R&D Grant-in-Aid-scheme for which it was sanctioned and that the balance of Rs. _____ remaining unutilised at the end of completion has been returned to IEI (vide Cheque/DD No. NA dated NA).

Signature of Principal Guide with
date & seal



Signature of Registrar/
Director /
Principal with date & seal

Dr. M.V. Subramanyam
B.E., M.Tech., Ph.D., MIEEE, FIETE, MISTE, MIE, MCSI
PRINCIPAL
Santhiram Engineering College
NANDYAL-518501, Kurnool (Dt.) A.P.



Accounts Officer of the
Institute with date & seal





The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

Objectives (not more than 300 words – in Aerial 9 pt.)

- Most of the people suffer with visual or auditory disabilities either because of weakness or lack of capacity to utilize the sensory organs such as eye and/or ear. These sensory organs basically have control over the remaining parts of the body.
- Object recognition and detection are considered most important help that we can provide through electronic travel aids for the blind since they need a totally independent travel kit that works on the artificial intelligence
- Here the project is focused on the implementation of a hardware and software to recognize an object by using ultrasound technology.
- Another objective of this project is to upgrade the object identification module to notify the temperature and humidity conditions of the location through buzzer.

Achievements (not more than 750 words – in Aerial 9 pt)

- Here we developed a module which is helpful for the blind and the dumb people.
- With the help of this kit the disability persons can survive by their own and can carry the kit along with them when in need.
- The project kit also gives the information about temperature and humidity report of their surroundings.

Papers published in journals / Papers presented in Seminars / M.Tech Thesis / Ph.D Thesis / Patent generated from thisProject NA

Grant received from IET & Year: Rs. 9,800
Year: 2018-19


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Santhiram Engineering College
NANDYAL



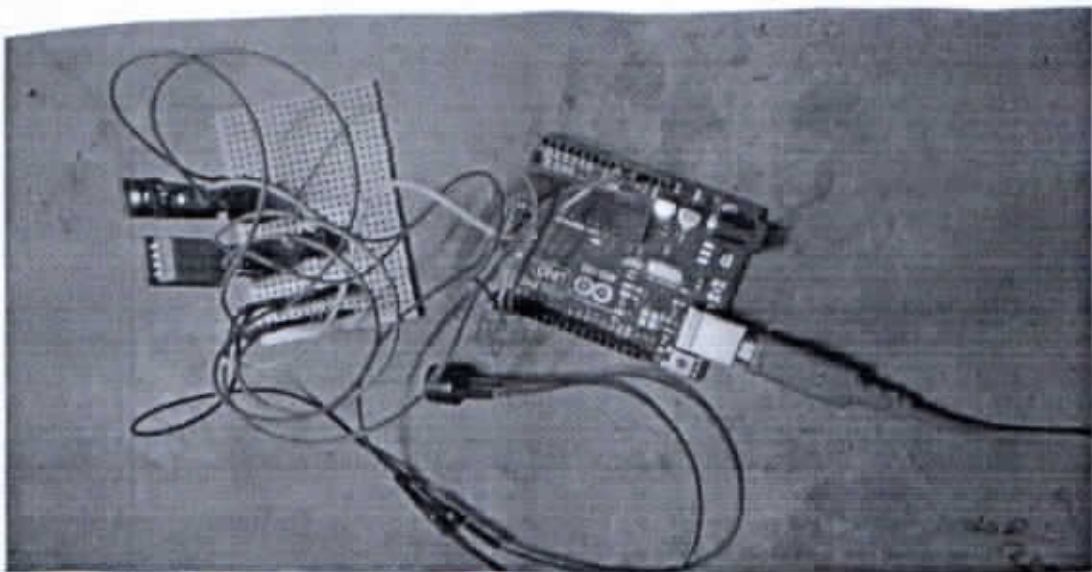
The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme
IEI R&D COMPENDIUM PROFORMA

Project title

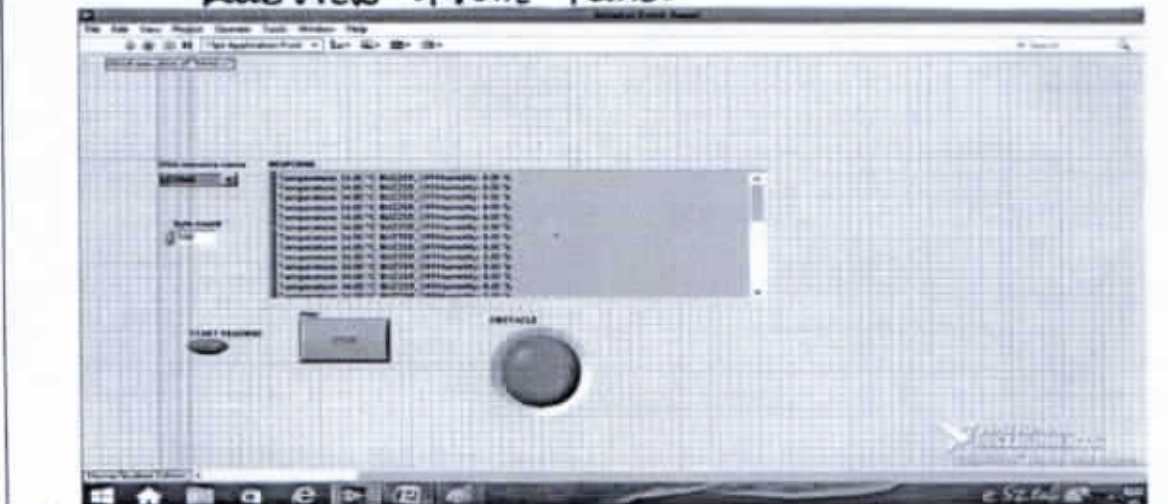
LabView Based Text Detection and Object Recognition Prototype For The Blind And The Dumb People

<u>Student</u>	<u>Guide</u>
Name : B. Sunitha Email : suni1998reddy@gmail.com Mobile : 9701730798 IEI Membership No.: NA	Name: Dr.M.V.Subramanyam Dept.: ECE Email: principal@sreenandyaLedu.in Mobile: 9866308475 IEI Membership No.:M131932-3
<u>Institute</u>	
Name: Sauthiram Engineering college Address: NH-18, Nerawada 'X' roads ,Nandyal ,Kurnool dist,A.P,518501 Institutional Membership No.: ----	

Title of the photo: *Text Detection And Object Recognition Module*



Title of the photo: *Object Recognition & Temp Humidity Condition on LabView front Panel*





Lab View based Text Detection and Object Recognition Prototype for the Blind and the Dumb People

Student

B Sunitha, Naga Anitha Regati
Leelavathi Gopavaram
suni1998reddy@gmail.com

Guide

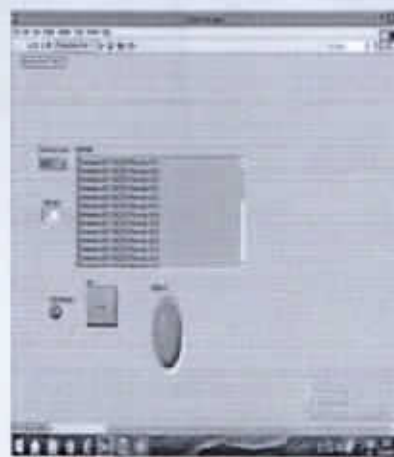
Dr M V Subramanyam, *MIE*
G Sowmya, *MIE*
principal@srecnandyal.edu.in

Institute

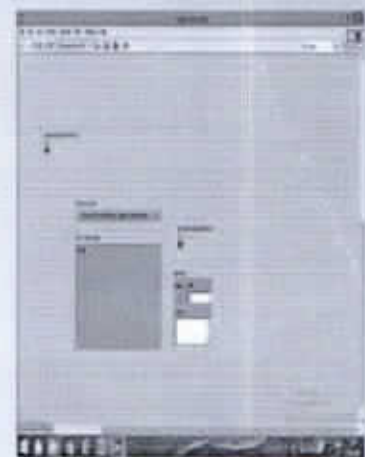
Santhiram Engineering College
NH-18, Nerawada 'X' Roads, Nandyal
Kurnool, Andhra Pradesh
NON-IM



Sensors kit interfaced with
Arduino board



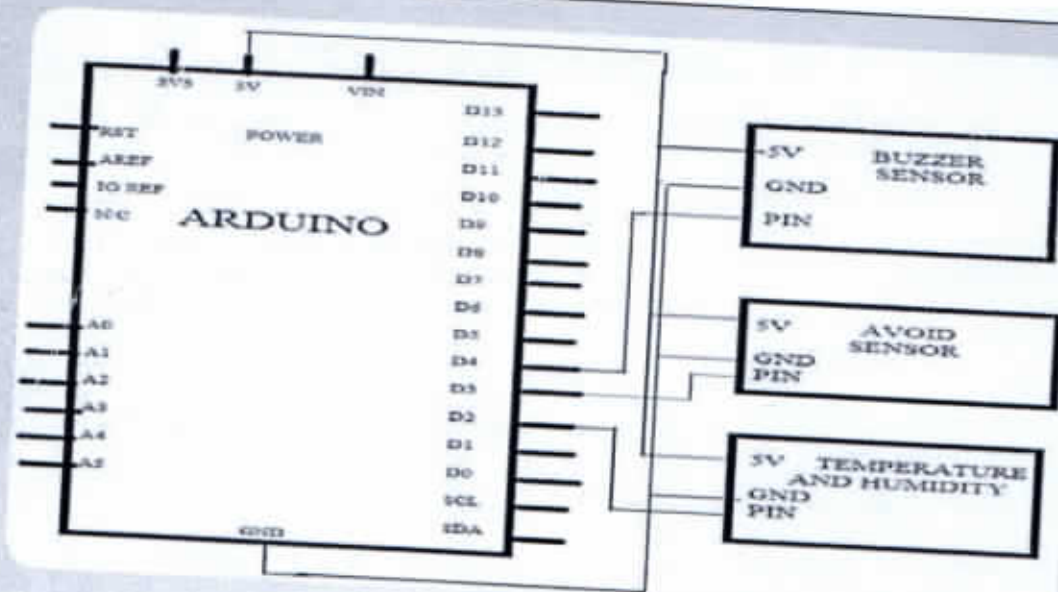
Output in LabVIEW front panel for
DHT and Obstacle detection



Output in front panel for text to
speech

OBJECTIVES

- Most of the people suffer with visual or auditory disabilities either because of weakness or lack of capacity to utilize the sensory organs such as eye and/or ear. These sensory organs basically have control over the remaining parts of the body. This predicament could be in-born or due to the age factor or sometimes meeting with may result from an accident. Disability affects the life of humans irrespective of its origin and reason. The disables require support from other people in their day to day activities.
- Sound source locator is inherently important for safety, survival and navigation of the physically challenged individuals. In addition to sound source locator the acoustic cues and the visual cues are needed for object detection, tracking and distance measurement etc.
- Object recognition and detection are considered most important help that we can provide through electronic travel aids for the blind since they need a totally independent travel kit that works on artificial intelligence
- Here the project is focused on the implementation of a hardware and software to recognize an object by using ultrasound technology
- Another objective of this project is to upgrade the object identification module to notify the temperature and humidity conditions of the location through buzzer.



Prototype Implementation

The project also aims to design a prototype that helps the disables especially the blind and the dumb to walk free as a normal person identifying the objects as well as texts that comes on their way besides notifications of a temperature and humidity conditions of the concerned location.

ACHIEVEMENTS

A module was developed which is helpful for the blind and the dumb people. The design using LabVIEW software and hardware sensors interfaced with Arduino board, achieved designed kit specifications and proved efficient for blind and dumb people with low cost equipment. With the help of this kit the persons with disability can be on their own and can also carry the kit along with them when in need. The project kit also gives the information about temperature and humidity report of their surroundings.

DESCRIPTION

- The developed kit was tested using Arduino Uno board and sensors like obstacle sensor, temperature sensor, buzzer, text converter and Lab VIEW software.
- The blind people could identify an obstacle present in front of them with the help of a buzzer sound.
- The dumb people able to deliver their speech by entering the text in the software which is converted to speech and delivered through the speakers.
- Temperature and humidity could be identified by the device using temperature and humidity sensors.

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



STTP- Sanction Letter

Ref. No. 34-65/180/RIFD/STTP/Policy-1/2018-19

Date _____

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi – 110070

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20– reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 330000 /-** (**Rupees Three Lakh Thirty Thousand Only**) for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	SANTHIRAM ENGINEERING COLLEGE , NH-18, NANDYAL, KURNOOL DIST, A.P KURNOOL-518501 Andhra Pradesh
2.	Permanent ID of Institute	1-5783126
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. VENKATA MAKAM
5.	Amount sanctioned	Rs. 330000/-
6.	Amount to be released	Rs.330000/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Recent advances in Carbon Nanotube and Graphene based 3-D Interconnections Through silicon Vias

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.
2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.


Santharam Engineering College
NANDYAL

3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AADAS8901L	STATE BANK OF INDIA	Rajeev Gandhi Memorial college for engineering and technology	PONEM MANADAL, KURNOOL DISTT, ANDHRA PRADESH 518113	Principal SREC	Current Account	36090312520	SBIN0010577

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

- The full amount of the grant sanctioned is being released as advance to the University/Institute.
- The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

II Maintenance of Accounts

- The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

IV. Submission of Documents by the University/Institutions to AICTE

Principal
Sathiram Engineering College
MANADAL

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

(i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

(ii) Feedback form in the prescribed proforma.

(iii) Copy of the proceedings and completion report.

(iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).

(v) Report submitted by Program Evaluation Committee (PEC).

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

a. **Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.**

b. **Money to be reimbursed on the grant (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.**

c. **As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.**

d. **The STTP is a residential program of a duration of six days with minimum 40 participants.** The approved STTP shall be conducted within three months from the date of release of funds.

e. **If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.**

f. The expenditure under the Heads '**Honorarium to Course Coordinator**' and '**Honorarium to Resource Persons**' shall not exceed **1% & 20% respectively** of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.

Principal
Santhiram Engineering College
NANDYAL

- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/180/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **Program Evaluation Committee (PEC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:
- (i) Principal/Director/Registrar of the institution (Chairperson).
 - (ii) Coordinator of the program (Member Secretary).
 - (iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

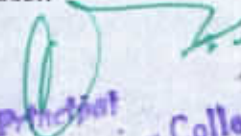
NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,


(Dileep N Malkhede)
Advisor-I (RIFD)

Copy forwarded for information and necessary action to :-

1. **Name and Address of the Coordinator**
Dr. VENKATA MAKAM
SANTHIRAM ENGINEERING COLLEGE
NH-18, NANDYAL, KURNOOL DIST, A.P
NANDYAL 518501 Andhra Pradesh
2. **The Registrar / Director / Principal**
SANTHIRAM ENGINEERING COLLEGE
NH-18, NANDYAL, KURNOOL DIST, A.P
NANDYAL 518501 Andhra Pradesh
3. **Guard File**


Principal
Santhiram Engineering College
NANDYAL

11 2 DEC 2019

Fwd: DST-NIMAT Project 2019-20: Sanction Order

2 messages

Dr.Subramanyam M.V <principal@srecnandyal.edu.in>

Thu, Dec 31, 2020 at 11:45 AM

To: Sowmya G <sowmya.ece@srecnandyal.edu.in>, Dr Farooq Sunar Mahammad <farooq.cse@srecnandyal.edu.in>

----- Forwarded message -----

From: **Sareen** <sareen@ediindia.org>

Date: Wed, Aug 14, 2019 at 12:22 PM

Subject: DST-NIMAT Project 2019-20: Sanction Order

To: <principal@srecnandyal.edu.in>, <principal.srec@srecnandyal.edu.in>, <principal.srec.x5@gmail.com>, <srec.nandyal@gmail.com>

This is a soft copy only for prior Information, no attachments included - (Hard copy with attachments already sent through Speed-post)

Dr. M. V. Subramanyam

Principal & Professor (Department of ECE)

Santhiram Engineering College

NH-18, Nerawada 'X' Roads

Nandyal - 518 501

District: Kurnool

Andhra Pradesh

Dear Sir,

Sub: DST-NIMAT Project 2019-20: Sanction Order

Greetings from Entrepreneurship Development Institute of India, Ahmedabad!

This is with reference to your proposal submitted for conducting activities / programme(s) under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Government of India, New Delhi.


We are happy to inform you that the following activities / programmes have been sanctioned:

Sr. No.	Activity / Programme	No.	Amount in Rs.	Locations
1	Entrepreneurship Awareness Camp (EAC)	2	40000	As mentioned in proposal
	Total	2	40000	

You are requested to please go through the enclosed **Guidelines / Terms & Conditions** as it is **mandatory to follow the same.**

Please note that the **first installment is to be released on receipt of the following documents;**

1. Duly Signed Agreement
2. Duly Signed "Terms & Conditions"
3. Action Plan [Annexure-I]
4. Bank Details [Annexure-IA]


Principal
Santhiram Engineering College
NANDYAL

The funds will be transferred through RTGS/NEFT. Please make sure that the above said documents must reach us as early as possible, but not later than ONE MONTH of receiving this sanction letter. Non receipt of the same may be considered as your unwillingness to take up the programme(s).

For any additional information, please contact either me (Email ID: sareen@ediindia.org, Mobile: 09925110040) or my colleague Mr. Prakash Solanki (Email ID: psolanki@ediindia.org, Mobile: 09723816384).

We look forward to have a long term professional relationship.

Thanking you, with regards,

--
S. B. Sareen
Faculty & Head
Centre for SMEs & Business Development Services
Entrepreneurship Development Institute of India
P.O.Bhat - 382 428
Dist. Gandhinagar
Gujarat (India)

Tel.: 0091-79-23 96 91 63
Tele Fax: 0091-79-23 96 91 55 [Direct]
Fax: 0091-79-23 96 91 64
e.mail: sareen@ediindia.org
Mobile: 099 25 11 00 40

Disclaimer: This e-mail and its attachment/s, if any, may contain official information from EDII. If you are not the intended recipient, please notify the sender immediately and delete this e-mail. Any dissemination or use of this information by a person other than the intended recipient is unauthorised. The responsibility lies with the recipient to check this email and any attachment from the presence of viruses.

Think before you print, "File this email in an email folder and save a tree." Go Green...

--
Dr.M.V.Subramanyam REMOVED
PRINCIPAL
Santhiram Engineering College [SREC]
Nandyal, Kurnool Dist, A.P., INDIA

Sowmya G <sowmya.ece@srecnandyal.edu.in>
To: "AmareswaraKumar M.V" <amar.cse@srecnandyal.edu.in>

Fri, Mar 26, 2021 at 10:42 AM

[Quoted text hidden]


Principal
Santhiram Engineering College
NANDYAL



SANTHIRAM ENGINEERING COLLEGE:: NANDYAL
NH-40, Nandyal – 518501: Kurnool Dist. A.P.

R & D and IPR Cell
AY 2018-19

Govt/ NGO – Funded Projects

S.No	Name of the Investigator	Dept	Title of the Project	Amount Sanctioned	Name of the Agency	Gov/Non-Gov	Status of the project
1	Mr.P.Bhaksar	CSE	Efficient and Reliable Routing Protocol for Wireless Sensor Networks (WSN'S)	1L	Union Grants Commission (UGC)	Government	Rs. 0.28Lac is released on 18-12-2018 and Completed.
2	Mr.K. Rajasekhara Reddy Mr. M.Y. Veeresh	EEE	Design & implementation of String Combiner Box	2L	Sprouts Energy Private Limited	Non-Government	Rs. 1.12Lac is released on 25-03-2019 & Rs. 0.88Lac is released on 26-03-2019 and Completed.
3	Mrs.G.Sowmya Mr.C.V.Subhaskara Reddy	ECE	Design and implementation of Data Monitoring System	6.10L	Sprouts Energy Private Limited	Non-Government	Sanctioned and Rs. 2.0Lac is released on 25-03-2019, Rs. 1.90Lac is released on 26-03-2019 & Rs. 2.19Lac is released on 27-03-2019 and Completed.
4	Mrs G.Sowmya & Dr.M.V.Subramanyam	ECE	LabVIEW Based Text Detection and Object Recognition Prototype for the Blind and the Dumb People	0.098L	The Institution of Engineers, India	Government	Sanctioned and Rs. 0.098Lac is released on 20-12-2018.
5	Mr. S.Nagendrudu	CSE	Design of College Maintenance Software	1.04L	Global College of Engg and Tech, Kadapa	Non-Government	Sanctioned and Rs. 1.04Lac is released on 27-03-2019 and Completed.


PRINCIPAL
Santhiram Engineering College
Nandyal, Kurnool(Dt.), A.P.


CO-ORDINATOR



SANTHIRAM ENGINEERING COLLEGE
NANDYAL - 515001, KURNOOL DIST.
Dist - 515001
Sl. No. 13.04.2
To: MSB

Acc. No. 845
Date 12/12/2018

UNIVERSITY GRANTS COMMISSION - SOUTH EASTERN REGIONAL OFFICE
5-9-194, CHIRAG ALI LANE, IV FLOOR, A.P.S.E.C. BUILDING, HYDERABAD - 500 001
Phones: 040 - 23204735, 23200708 FAX: 040 - 23214734, Website: www.ugc.ac.in/ugcsero@gmail.com

No: F. MRP-652/16 (MRP/UCC-SERO)

December, 2018

The South Eastern Regional Office
University Grants Commission
Hyderabad - 500 001

LINK NO: 6328 DEPT: COMPUTER SCIENCE AND ENGINEERING
CON CODE: APJN037

11 DEC 2018

Sub: Release of Grants-in-Aid to The Principal, SANTHIRAM ENGINEERING COLLEGE NANDYAL, KURNOOL DIST. 515001 Under the Scheme "Minor Research Projects" - Reg.

Sir/Madam,

On the basis of the accounts received for the first installment grant, I am to convey the sanction of the Commission for the payment of Rs.28000 to The Principal, SANTHIRAM ENGINEERING COLLEGE NANDYAL, KURNOOL DIST. 515001, as second installment towards the Minor Research Project entitled Efficient and Reliable Routing Protocol for Wireless Sensor Networks (WSNs) awarded to PROF PARUMANCHALA BHASKAR, Department of COMPUTER SCIENCE AND ENGINEERING as per the details given below:-

Item	Allocation (Rs.)	Amount sanctioned so far (Rs.)	Amount sanctioned being (Rs.)	Total amount sanctioned (Rs.)
Hiring Services	10000	5000	5000	9000
Contingency	30000	15000	12000	27000
Chemicals	00	00	00	00
Travel/Field Work	30000	15000	12000	27000
Total	70000	35000	29000	63000
Equipment	00	00	00	00
Books	30000	30000	00	30000
Total	30000	30000	00	30000
Grand Total	100000	65000	29000	93000

1. The grant is debitable to following head of account:

Amount Sanctioned	Head Of Account	Category
Rs.28000	SC-3(A)-2202.03.789.28.02.31 - 19(XIV)	SC

2. The sanctioned amount is debitable to the Major Head of Account: SC-3(A)-2202.03.789.27.02.31 - 19(XIV) - Committed Liabilities (GIA/31) - Minor Research Project (SC) and is valid for payment during the financial year 2018-19 Only and subject to the condition indicated below:

3. The amount of the Grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer) INCC-SERO, Hyd. on the Grants-In Aid Bill and shall be disbursed to and credited to "The Principal, SANTHIRAM ENGINEERING COLLEGE, NANDYAL, KURNOOL DIST. - 515001, by Electronic Mode through PFMS Portal at the following details:

(a) Account No: 33245622746 (b) IFSC Code: SBIN0010577 (c) UniqueID: APRU00005554

(d) Name & Address of Account Holder: The Principal, SANTHIRAM ENGINEERING COLLEGE, NANDYAL, KURNOOL DIST. (e) Name & Address of Bank Branch: SBI, BMCET BR.

- The Grant is subject to the adjust on the basis of Utilization Certificate in the prescribed Proforma submitted by the Institution.
- The Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.
- The institution may follow the General Financial Rules, 2017 and take urgent necessary action to amend their manuals or financial procedures to bring them in conformity with GFRs, 2017 and those don't have their own approved manuals or financial procedures may adopt the provision of GFRs 2017 and instructions / Guidelines there under from time to time.
- The Utilization Certificate to the effect that the grant has been utilized for the propose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.

Principal
Santhiram Engineering College
NANDYAL

8. The assets acquired wholly or substantially out of UGC's Grant shall NOT be disposed or encumbered or utilized for the purposes other than those for which the grants was given without proper sanction of the UGC and should at any time the institution ceases to function, such assets shall revert to the University Grants Commission.
9. A Register of Assets acquired wholly or substantially out of the Grant shall be maintained by the Institution in the prescribed proforma.
10. The Grantee Institution shall ensure the utilization of Grants-in-Aid for which it is being sanctioned / paid. In case of Non-Utilization / Part Utilization thereof, simple interest @ 10% per annum, as amended from time to time on the unutilized amount from the date of credit of amount to the date of refund as per provision contained in General Financial Rules of Govt. of India will be charged.
11. The Institution shall follow strictly the Government of India/ UGC's Guidelines regarding implementation of the reservation policy (Both Vertical [for SC/ST & OBC] and horizontal [for Persons with disability etc.]) in teaching and non-teaching posts.
12. The Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act 1963 and Official Languages (Use for Official Purposes of Union) Rules, 1976 etc.
13. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 49/2014 (P.No.10-11/12 (Admn.A&B) dated 23.03.2014.
14. The Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions - 2009* and amendments thereof.
15. It may be noted that the accounts of the grantee institutions shall be subject to inspection by Officers of the SERO, UGC, Hyderabad.
16. The sanction issues in exercise of the delegation of powers vide Commission Office Order No: 25/92 dated 6 May 01 1992.
17. The funds to the extent are available under the Scheme.
18. No Extension will be given beyond two years of term.
19. The Principal Investigator of the Project has to send the final Technical Report to this office and a copy to The Director, Information and Library Networking Center (INFLIBNET), Opposite Gujarat University Guest House, Post Box No. 4116, Navrangpura, Ahmedabad - 380 009.
20. A certificate to the effect that books & journals and equipments purchased under the scheme have been deposited to college/institution in the departmental/central library after the completion of this project must be submitted to UGC.
21. A certificate signed by the Principal Investigator and Principal to the effect that Executive summary of the report, Research documents, monograph, academic papers published under Minor Research Project has been posted on the website of the College.
22. The University/ College / Institution is registered / mapped with PFMS Portal*
23. The Expenditure is to be incurred using EAT module in PFMS.
24. The stepwise details for implementation of EAT Module is available at <http://www.ugc.ac.in> → Books and Manuals → EAT User Manual*

Yours faithfully

(Dr. R. Mann)
Joint Secretary

11/12/19

Copy forwarded for information and necessary action to:

- (1) The Principal (through RTGS/DIRECT CREDIT/Demand Draft)
SANTHIRAM ENGINEERING COLLEGE NANDYAL
KURNOOL DIST. 518501
He/She is requested to abide by the instructions/guidelines of sanction order.
- (2) The Principal Accountant General, ANDHRA PRADESH State
- (3) PROF. PARMANCHALA BHASKAR,
Department of COMPUTER SCIENCE AND ENGINEERING
SANTHIRAM ENGINEERING COLLEGE
NANDYAL, KURNOOL DIST. 518501.
- (4) The Commissioner/Director
Collegiate Education
Government of ANDHRA PRADESH

(Dr. R. Mann) (Kurnool)
Deputy Secretary

Dar GIA Sl.No. - 5 - 2018-2019

The sanctioned grant of Rs 28450/- has been transferred to your college Account as mentioned at the Point No. 2 of this Sanction Order by e-payment through PFMS portal with date 18.11.19. You are requested to acknowledge the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

(R. Aravind)
Accounts Officer

Principal
Santhiram Engineering College
NANDYAL



Sprouts Energy Pvt. Ltd.

Lr. No. SEPL/May/2018/12/03

Date: 12-05-2018

To
The Principal,
Santhiram Engineering College,
Nandyal, Kurnool, A.P.

Dear Sir,

Sub: SEPL – Acceptance – Layout & Specifications - reg

Ref. No: SREC/PRO/R&D/EEE/2017-18/P-09, Dt: 21.03.2018.

---XXX---

As per reference cited above, Sprouts Energy Private Limited wants to utilize the research activity from Santhiram Engineering College for the Project titled "**Design & implementation of String Combiner Box**". As per your requirements, we have enclosed the layout and specification of our solar power plant. We would like to procure 5 units of String Combiner Box. In this connection please inform us the terms and conditions for the same.

Thanking you

From Sprouts Energy Private Limited

Authorized Signature



Encl: Plant layout and specifications.

Principal

Santhiram Engineering College

#401, Indra Imperia, Above Yes Bank, Ramenthapur, Hyderabad – 500
013, Ph: 8309154730



Sprouts Energy Pvt. Ltd.

Lr. No. SEPL/June/2018/25/02

Date: 25-06-2018

To
The Principal,
Santhiram Engineering College,
Nandyal, Kurnool, A.P.

Dear Sir,

Sub: SEPL-Purchase order for Design & Implementation of String Combiner Box – Reg.
Ref. No: SREC/PRO/R&D/EEE/2017-18/P-15, Dt: 07.06.2018
---XXX---

With ref to the above sub cited, we are pleased to place the work order for the implementation of String Combiner Boxes, a total of 5 units within the duration of 6 months for the total cost of the purchase order is Rs.2,00,000/- (Two Lakh Rupees inclusive of all taxes).

S.No.	Material	Quantity	Per Unit Cost (in Rs.)	Total Cost (in Rs.)
1	String Combiner Box	5	40,000.00	2,00,000.00

Thanking you

From Sprouts Energy Private Limited

Authorized Signature  

#401, Indra Imperia, Above Yes Bank, Ramanthapur, Hyderabad – 500

Principal
Santhiram Engineering College
NANDYAL
013, Ph: 8309154730



Sprouts Energy Pvt. Ltd.

Lr. No. SEPL /August/2018/06/06 Date: 06-08-2018

To

The Principal,

Santhiram Engineering College,

Nandyal, Kurnool, A.P.

Dear Sir,

Sub: SEPL –Acceptance - Layout & Specifications - reg



Ref .No: SREC/PRO/R&D/ECE/2018-19/P-13, Dt: 11.07.2018.

---XXX---

As per reference cited above, Sprouts Energy Private Limited wants to utilize the research activity from Santhiram Engineering College for the Project titled "**Design and implementation of Data Monitoring System**". As per your requirements we enclosed the layout and specifications of our solar power plant. We would like to procure 14 units of Data Monitoring System. In this connection please inform us the terms and conditions for the same.

Thanking you

From Sprouts Energy Private Limited.

Authorized Signature

Encl: Plant layout and specifications


Principal
Santhiram Engineering College
NANDYAL

#401, Indra Imperia, Above Yes Bank, Ramanthapur, Hyderabad – 500
013, Ph: 8309154730



Sprouts Energy Pvt. Ltd.

Lr. No. SEPL /August/2018/24/11 Date: 24-08-2018

To

The Principal,

Santhiram Engineering College,

Nandyal, Kurnool, A.P.

Dear Sir,

Sub: SEPL-Purchase order for Design and implementation of Data monitoring System-Reg.

Ref. No: SREC/PRO/R&D/ECE/2018-19/P-17, Dt: 16.08.2018

---xxx---

With ref to the above sub cited, we are pleased to place the work order for the implementation of Data monitoring System, here a total 14 units within the duration of 6 months for the total cost of the purchase order is Rs. 6,09,000/- (Six Lakh Nine Thousand Rupees only inclusive all taxes).

S.No	Material	Quantity	Per Unit Cost (in Rs)	Total cost (in Rs)
1	Data Monitoring System	14	43,500.00	6,09,000.00

Thanking you

From Sprouts Energy Private Limited.

Authorized Signature 


Principal
Santhiram Engineering College
NANDYAL

#401, Indra Imperia, Above Yes Bank, Ramanthapur, Hyderabad – 500
013, Ph: 8309154730



Sprouts Energy Pvt. Ltd.

Lr. No. SEPL/March/2019/29/05

Date: 29-03-2019

To

The Principal,
Santhiram Engineering College,
Nandyal, Kurnool, A.P.

Dear Sir,

Sub: Payment of Research Project "Design and Implementation Data Monitoring System" - reg
Ref. No: SREC/PRO/R&D/ECE/2018-19/P-42, Dt: 08.02.2019.

---XXX---

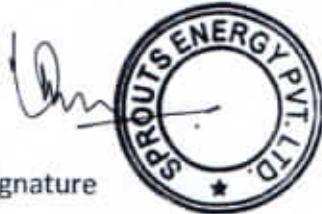
I wish to inform you that the modules are working properly, and your team is continuously monitoring and supporting. I am happy to inform you that the total amount of the project of **Rs.6,09,000/- (Six Lakh Nine Thousand Rupees only)** was paid as per the details given below.

S.No.	Date	Cheque Number	Amount
1.	25-03-2019	777252	Rs. 2,00,000/-
2.	26-03-2019	777253	Rs. 1,90,000/-
3	27-03-2019	777254	Rs. 2,19,000/-
Total			Rs. 6,09,000/-

I request you to support us in future for any requirements and to verify the accounts.

Thanking you

From Sprouts Energy Private Limited



Authorized Signature

#401, Indra imperia, Above Yes Bank, Ramanthapur, Hyderabad – 500

013, Ph: 8309154730

NANDYAL



Sowmya G <sowmya.ece@srecnandyal.edu.in>

Re: Project ID: RDUG2018027: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE

3 messages

RESEARCH IEI <research@ieindia.org>

Tue, Dec 4, 2018 at 10:49 AM

To: sowmya.ece@srecnandyal.edu.in

Cc: principal@srecnandyal.edu.in

R.4/2/UG/2018-19/RDUG2018027

Dear Sir/Madam,

We are pleased to inform you that your project has been shortlisted by us for a Grant-in-Aid for the financial year 2018-19.

As per the approved norms, grant will be released against approved projects only when both the guides are corporate members of IEI. In view of the above, the second guide may be requested to apply for appropriate category of membership and send scanned copies of the filled-in membership application form and cheque for membership fees to us. The details may be obtained from the link <https://www.ieindia.org/webui/iei-Memb.aspx>.

Also, keeping in view that not being an Institutional Member, your proposal has been recommended for IEI Grant-in-Aid Scheme, we would now request your college to take up Institutional Membership (IM) so as to avail R&D/Fellowship Grants in future.

The Institutional Members enjoy a host of benefits for lifetime against payment of a nominal one time fee of INR 1,77,000/- (inclusive of GST) like:

1. Institutional Members [IMs] will receive e-access of all IEI-Springer Journals and other Publications per year giving the latest knowledge as applicable to 15 Engineering Disciplines (Total worth INR 23,000/- per year).
2. IMs will be preferred over others while sanctioning of IEI R&D Grant-in-Aid
3. Five Library Cards of IEI libraries without payment of any fees, (Security deposit however, is applicable).
4. Participation of two representatives of Institutional Member in International activities organized by IEI across the country at a concession of 50% in Registration fee.
5. Participation of Deputed Staff (both Engineering and Managerial) in offered to regular Corporate Members.
6. Concession of 5% in the rate for advertisement in the Institution Publication provided these are sent directly to the Institution.
7. Use of Institution Premises for Technical / Academic purpose on payment of fee to be fixed by the State / Local Centre.
8. Facility of IEI guest room accommodation to Managerial / Technical Staff at rates fixed by the State / Local Centre.
9. Technical collaboration for arranging technical seminars/symposia/workshops etc. a grant of Rs 40,000/- for organizing two national level seminars/workshops in a year.

A copy of the Membership form is attached for your kind perusal. For further details please visit the link https://www.ieindia.org/webui/iei-Memb.aspx#instite_Memb.

Kindly expedite.

With regards,

IEI R&D Cell
 Technical Department
 The Institution of Engineers (India)
 8 Gokhale Road, Kolkata-700020
 West Bengal, India.

Website: www.ieindia.org

On Thu, Aug 23, 2018 at 11:25 AM Sowmya G <sowmya.ece@srecnandyal.edu.in> wrote:

To
 Director (Technical)
 The Institution of Engineers (India)

Principal
 Santhiram Engineering College
 NANDYAL



Sowmya G <sowmya.ece@srecnandyal.edu.in>

Fwd: Project ID: UG2019024: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE

Tue, Jun 16, 2020 at 4:58 PM

Dr.Subramanyam M.V <principal@srecnandyal.edu.in>
To: Sowmya G <sowmya.ece@srecnandyal.edu.in>

----- Forwarded message -----

From: RESEARCH IEI <research@ieindia.org>
Date: Tue, Jun 16, 2020 at 4:38 PM
Subject: Re: Project ID: UG2019024: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE
To: Dr.Subramanyam M.V <principal@srecnandyal.edu.in>

R.4/2/UG/2018-19/UG2019024

Dear Sir/Madam,

This has reference to our trailing mail.

We would like to remind you that your UG project titled "LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE" was sanctioned a grant amount of Rs 9,800/- during the FY 2018-19 under IEI R&D Grant-in-Aid Scheme through NEFT dated 20/12/2018.

It may kindly be noted that though the stipulated period for carrying out the sanctioned project is over, we could not formally close the project because we are yet to receive the following documents:

- (1) soft & hard copy of Project Report and
- (2) soft copy of IEI R&D Compendium Proforma in editable format (preferably in .doc/.docx)

These documents should be forwarded to research@ieindia.org immediately. Besides, a hard copy Project Report should reach us via post within the next 15 days.

The submission will be treated as successful and complete only on receipt of the above documents. Failure to send in the above documents within the mentioned time frame may force us to consider further project proposals from your Institution/College/University in future. Kindly treat the matter as urgent and do the needful in this regard.

With best regards,

IEI R&D Cell
Technical Department
The Institution of Engineers (India)
8 Gokhale Road, Kolkata-700020
West Bengal, India.

Website: www.ieindia.org

On Mon, Oct 14, 2019 at 10:43 AM RESEARCH IEI <research@ieindia.org> wrote:
R.4/2/UG/2018-19/UG2019024

Dear Sir/Madam,

This has reference to the trailing mail.



Please be informed that the project completion report and final project report are not same. Final project report should contain the outcome of the project with more details and preferably in manuscript format. The hard copy of

the final project report should be submitted in a bound volume where in the title page of the Project Report, it should be mentioned that "The Project has been funded by The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020 under R&D Grant-in-Aid scheme".

Also, you are again requested to submit the Compendium Proforma in editable format (preferably in .doc/.docx) since the submitted soft copy doesn't contain images and it is incomplete.

Please note that after project completion, application form is not required any more so kindly do not submit the same.

The submission will be treated as successful and complete only on receipt of the above documents in desired format.

With regards,

IEI R&D Cell
Technical Department
The Institution of Engineers (India)
8 Gokhale Road, Kolkata-700020
West Bengal, India.

Website: www.ieindia.org

On Sat, Oct 12, 2019 at 3:52 PM Dr.Subramanyam M.V <principal@sreanandal.edu.in> wrote:

Respected sir,

we have already submitted the soft copy and hard copy of Project ID: UG2019024: LabVIEW BASED TEXT DETECTION AND OBJECT RECOGNITION PROTOTYPE FOR THE BLIND AND THE DUMB PEOPLE on 21.09.19, based on your mail on 09.10.19 we are again sending the

1. Final project completion report
2. Utilization certificate
3. Video of the project

for your consideration and treating as successful completion of the project please accept the same and acknowledge us with thanks and regards

On Wed, Oct 9, 2019 at 3:53 PM RESEARCH IEI <research@ieindia.org> wrote:

R.4/2/UG/2018-19/UG2019024

Dear Sir/Madam,

This has reference to the trailing mail.

We are yet to receive the Final Project Report in soft and hard copy where in the title page of the Project Report, it should be mentioned that "The Project has been funded by The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020 under R&D Grant-in-Aid scheme".

Also, you are requested to submit the Compendium Proforma in editable format (preferably in .doc/.docx).

The submission will be treated as successful and complete only on receipt of the above documents.

With best regards,

IEI R&D Cell
Technical Department
The Institution of Engineers (India)
8 Gokhale Road, Kolkata-700020
West Bengal, India.

Website: www.ieindia.org

Principal
Santhiram Engineering College
NANDYAL

On Sat, Sep 21, 2019 at 4:29 PM Dr.Subramanyam M.V <principal@srechandyal.edu.in> wrote:

Respected sir,

Thank you very much for sanctioning a project to us. Now I am here with submitting the following information for your reference and necessary approval.

1. Final project completion report
2. Utilization certificate
3. Video of the project

please accept the same and acknowledge us with thanks and regards

--

Dr.M.V.Subramanyam REMOVED
PRINCIPAL
Santhiram Engineering College [SREC]
Nandyal, Kurnool Dist, A.P., INDIA

--
Dr.M.V.Subramanyam REMOVED
PRINCIPAL
Santhiram Engineering College [SREC]
Nandyal, Kurnool Dist, A.P., INDIA

[Quoted text hidden]



Principal
Santhiram Engineering College
NANDYAL



The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

PROJECT COMPLETION REPORT

1. Project I.D : RDUG2018027
2. Project Title : LabView Based Text Detection And Object Recognition Prototype For The Blind And The Dumb People
3. Name of the Investigator : Sunita Bellam
 - a. E-mail: sunil1998reddy@gmail.com
 - b. Contact Address : ILNO:2-27,Hussainapuram,Betamcherla mandal, Kurnool dist,A.P-518598
 - c. Mobile No.: 9701730798
4. Name of the Institution of which Investigator is attached: Santhiram Engineering College
5. Name and Designation of the Guide / supervisor: Dr.M.V.Subramanyam
 - a. E-mail: principal@sreenandya.edu.in
 - b. Mobile No.:9866308475
6. Name of the Director /Principal of the Institution: Dr.M.V.Subramanyam
7. Date of Release of R & D Grant: 4/12/2018
8. Date of Commencement of the Project: 21/12/2018
9. Amount of R & D Grant: 9,800/-
10. Date of Receipt of R & D Grant: 21/12/2018
11. How much work is yet to be completed with the reason of delay:
 - a. Percentage of work completed: 100%
 - b. Amount utilized till date: 43,800/-

Continued.....


Principal
Santhiram Engineering College
NANDYAL



The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

12. How much work is yet to be completed with the reason of delay: Nil

- a. Work yet to be completed with details: Nil
- b. Reason for delay: Nil

13. Probable date of completion of the project: 14/09/2019

14. Amount of matching grant :

- a) Name and address of the organization: SREC,NH-18,Nerawada 'X' roads ,Nandyal ,Kurnool dist,A.P,518501
- b) Date of receipt: 21/12/2018
- c) Amount received: 9,800/-
- d) Amount utilised till date: 9,800/-

15. Name of the organizations providing support to the project:

- a. Name of the organization: Santhiram Engineering College
- b. Nature of support e.g. financial, technical and infrastructural : financial, technical and infrastructural
- c. Support yet to be received: 34,000/-

16. Project Achievements in brief:

We developed a prototype which is useful for blind and dumb people

17. Expected beneficiaries of the project: 1. Object recognition and detection for blind people

- 2. Temperature and humidity conditions of the surroundings are obtained from the prototype
- 3. The text data entered in the software by the dumb people is visible to others.

18. Any other information to be furnished regarding progress of project: 1. Next we will go for paper publication in reputed journal.

rights

2. once the prototype is published we will apply for patent

Continued.....

Principal
Santhiram Engineering College
NANDYAL



The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

PROJECT I.D. __RDUG2018027

CERTIFICATE

Certified that:

1. The above progress report is correctly and duly audited: YES
2. The necessary infrastructure is available for completion of the project by the due date: YES
3. The balance amount is readily available for completion of the project by the due date: YES
4. Interim technical report on the project has been enclosed: NA
5. The project will be completed by the due date: YES

B. Sunitha
Signature of the Investigator

[Signature]
Signature of the Guide

[Signature]
Signature & Seal of the Director/Principal



Dr. M.V. Subramanyam
B.E., M.Tech., Ph.D., MIEEE, FIETE, NISTE, MIE, MCSI
PRINCIPAL
Santhiram Engineering College
NANDYAL-518501, Kurnool (Dt.) A.P.

[Signature]
Principal
Santhiram Engineering College
NANDYAL



The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

UTILISATION CERTIFICATE

(To be submitted in duplicate)

[FOR THE FINANCIAL YEAR - (ENDING 31ST
MARCH)]

1. Project I.D : RDUG2018027
2. Title of the Project : LabView Based Text Detection And Object Recognition Prototype For The Blind And The Dumb People
3. Name of the Institution : Santhiram Engineering College
4. Name of the Project Guide (PG) : Dr.M.V.Subramanyam

UTILISATION CERTIFICATE

Certified that out of Rs. 9,800/- of grants-in-aid sanctioned during the year 2018-19 in favour of SREC R&D under IEI's letter No. _____ dated 20/12/2018 and Rs. 9,800. A sum of Rs. Nine thousand eight hundred rupees only has been utilised for the purpose of R&D Grant-in-Aid-scheme for which it was sanctioned and that the balance of Rs. ----- remaining unutilised at the end of completion has been returned to IEI (vide Cheque/DD No. NA dated NA).

Signature of Principal Guide with
date & seal



Signature of Registrar/
Director /
Principal with date & seal

Dr. M.V. Subramanyam
B.E. M.Tech. Ph.D. MIEEE, FIETE, MISTE, MIE, MCSI
PRINCIPAL
Santhiram Engineering College
NANDYAL-518501, Kurnool (Dt.) A.P.



Signature of
Accounts Officer of the
Institute with date & seal





The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

Objectives (not more than 300 words – in Aerial 9 pt.)

- Most of the people suffer with visual or auditory disabilities either because of weakness or lack of capacity to utilize the sensory organs such as eye and/or ear. These sensory organs basically have control over the remaining parts of the body.
- Object recognition and detection are considered most important help that we can provide through electronic travel aids for the blind since they need a totally independent travel kit that works on the artificial intelligence
- Here the project is focused on the implementation of a hardware and software to recognize an object by using ultrasound technology.
- Another objective of this project is to upgrade the object identification module to notify the temperature and humidity conditions of the location through buzzer.

Achievements (not more than 750 words – in Aerial 9 pt.)

- Here we developed a module which is helpful for the blind and the dumb people.
- With the help of this kit the disability persons can survive by their own and can carry the kit along with them when in need
- The project kit also gives the information about temperature and humidity report of their surroundings.

Papers published in journals / Papers presented in Seminars / M.Tech Thesis / Ph.D Thesis / Patent generated from this Project NA

Grant received from IET & Year Rs. 9,800

Year 2018-19


Principal
Santhiram Engineering College
NANDYAL



The Institution of Engineers (India)
Technical Department
R&D Grant-in-aid Scheme

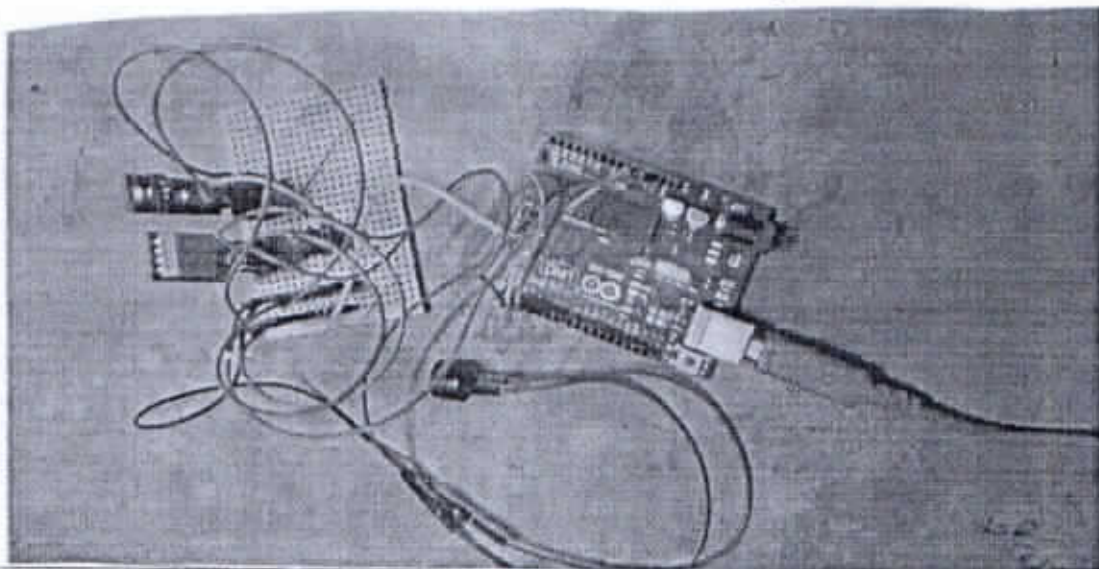
IEI R&D COMPENDIUM PROFORMA

Project title

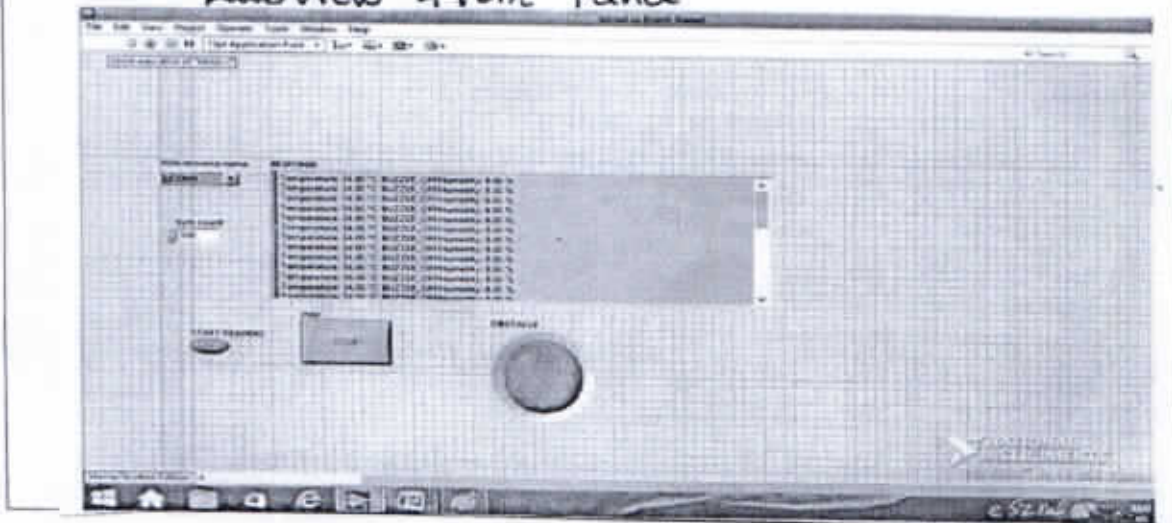
LabView Based Text Detection and Object Recognition Prototype For The Blind And The Dumb People

<u>Student</u>	<u>Guide</u>
Name :B. Sunitha Email: suni1998reddy@gmail.com Mobile: 9701730798 IEI Membership No.: NA	Name: Dr.M.V.Subramanyam Dept.: ECE Email: principal@sreenandya.edu.in Mobile: 9866308475 IEI Membership No.:M131932-3
<u>Institute</u>	
Name: Santhiram Engineering college Address: NH-18, Nerawada 'X' roads ,Nandyal ,Kurnool dist,A.P.518501 Institutional Membership No.: ----	

Title of the photo: *Text Detection And Object Recognition Module*



Title of the photo: *Object Recognition & Temp Humidity Condition on LabView front Panel*





Lab View based Text Detection and Object Recognition Prototype for the Blind and the Dumb People

Student

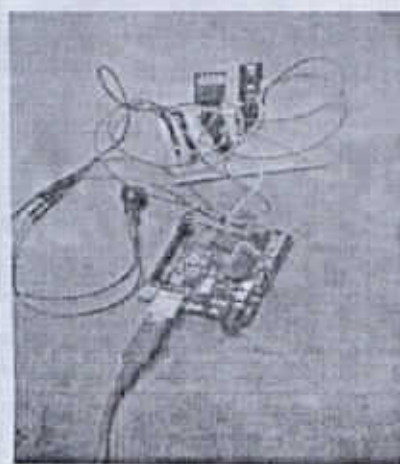
B Sunitha, Naga Anitha Regati
Leelavathi Gopavaram
sunj1998reddy@gmail.com

Guide

Dr M V Subramanyam, MIE
G Sowmya, MIE
principal@sreknandyal.edu.in

Institute

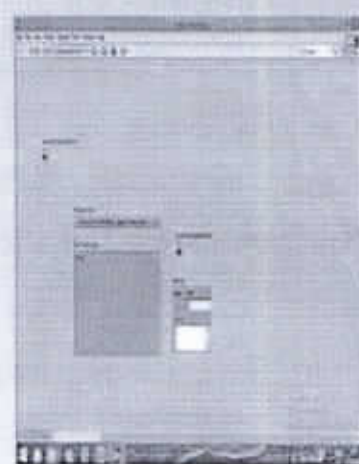
Santhiram Engineering College
NH-18, Nerawada 'X' Roads, Nandyal
Kurnool, Andhra Pradesh
NON-IM



Sensors kit interfaced with Arduino board



Output in LabVIEW front panel for DHT and Obstacle detection



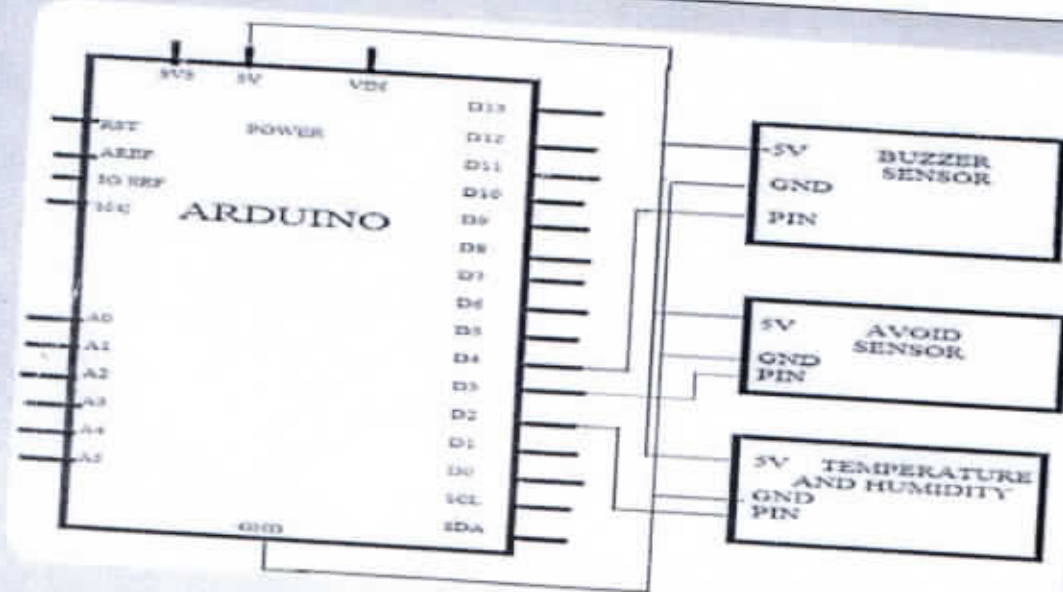
Output in front panel for text to speech

OBJECTIVES

- Most of the people suffer with visual or auditory disabilities either because of weakness or lack of capacity to utilize the sensory organs such as eye and/or ear. These sensory organs basically have control over the remaining parts of the body. This predicament could be in-born or due to the age factor or sometimes meeting with may result from an accident. Disability affects the life of humans irrespective of its origin and reason. The disables require support from other people in their day to day activities.
- Sound source locator is inherently important for safety, survival and navigation of the physically challenged individuals. In addition to sound source locator the acoustic cues and the visual cues are needed for object detection, tracking and distance measurement etc.
- Object recognition and detection are considered most important help that we can provide through electronic travel aids for the blind since they need a totally independent travel kit that works on artificial intelligence
- Here the project is focused on the implementation of a hardware and software to recognize an object by using ultrasound technology
- Another objective of this project is to upgrade the object identification module to notify the temperature and humidity conditions of the location through buzzer.

R&D under IEI Grant-in-aid Scheme

Principal
Santhiram Engineering College
MANDYAL



Prototype Implementation

- The project also aims to design a prototype that helps the disables especially the blind and the dumb to walk free as a normal person identifying the objects as well as texts that comes on their way besides notifications of a temperature and humidity conditions of the concerned location.

ACHIEVEMENTS

A module was developed which is helpful for the blind and the dumb people. The design using LabVIEW software and hardware sensors interfaced with Arduino board, achieved designed kit specifications and proved efficient for blind and dumb people with low cost equipment. With the help of this kit the persons with disability can be on their own and can also carry the kit along with them when in need. The project kit also gives the information about temperature and humidity report of their surroundings.

DESCRIPTION

- The developed kit was tested using Arduino Uno board and sensors like obstacle sensor, temperature sensor, buzzer, text converter and Lab VIEW software.
- The blind people could identify an obstacle present in front of them with the help of a buzzer sound.
- The dumb people able to deliver their speech by entering the text in the software which is converted to speech and delivered through the speakers.
- Temperature and humidity could be identified by the device using temperature and humidity sensors.

Principal
 Santhiram Engineering College
 NANDYAL

R&D under IEI Grant-in-aid Scheme



GLOBAL COLLEGE OF ENGINEERING & TECHNOLOGY, KADAPA

[Approved by AICTE, New Delhi and Affiliated to JNTUA, Anantapuram]
Recognized under UGC Act, 1956, ISO 9001:2015
Chennur Road, CHINNAMACHUPALLI (V), Chennur(M), KADAPA - 518 102

Call : 8068802014, 8880617733
e-mail: principal@globalcollege.ac.in
globalenggkdp@gmail.com
website: www.globalcollege.ac.in

Ref. No. GCET/ CSE/ SW-C01

Date: 11.10.2018

To
The Principal,
Santhiram Engineering College,
Nandyal, Kurnool, A.P.

Dear Sir,

Sub:Approval of College **Maintenance Software project** proposal – Reg/
Ref.1:SREC/PRO/R&D/CSE/2018-19/P-15 Dt.:24/7/2018

It is to bring up to date you that GCET is interested to move towards with your proposed software for College Maintenance (Ref.1). We feel that your proposal needs some additional custom-made with respect to the following aspects:

1. The Software needs to work for any type of Examinations seating plan.
2. Software has to come out Payment details of purchased Equipment to canteen and store.

It is further notified that a total budget of **Rs.1,04,000/- (Rupees one Lakh Four Thousands only)** has been allocated from GCET towards the successful implementation of this research project within the 3 months and we are anticipating get notification from you.

Thank you

With regards,

PRINCIPAL

Global College of Engineering & Technology
Chinnamachupalli(V), Chennur (M), Kadapa (Dt.)

Principal
Santhiram Engineering College
NANDYAL



GLOBAL COLLEGE OF ENGINEERING & TECHNOLOGY, KADAPA

[Approved by AICTE, New Delhi and Affiliated to JNTUA, Anantapuram]

Recognized under UGC Act, 1956, ISO 9001:2015

Chennur Road, CHINNAMACHUPALLI (V), Chennur(M), KADAPA - 518 182

Call : 808850887, 8660887722
e-mail: principal@jntua.ac.in
globalengg@p@rediffmail.com
Website: www.globe.ac.in

Ref. No. GCET/ CSE/ SW-C02

Date: 29-03-2019

To

The Principal,

Santhiram Engineering College,

Nandyal, Kurnool, A.P.

Dear Sir,

Sub: Payment of Research Project "College Maintenance software project - Reg.

Ref. No: SREC/PRO/R&D/CSE/2018-19/P-27 , Dt.: 03/01/2019

---XXX---

I wish to inform you that the College maintenance software is working properly and your team is continuously monitoring and supporting. I am happy to inform you that the total amount of the project of Rs.1,04,000/- (One Lakh Four Thousand Rupees only) was paid as per the details given below.

S.No.	Date	Cheque Number	Amount
1.	27-03-2019	100855	Rs. 1,04,000/-
Total			Rs. 1,04,000/-

I request you to support us in future for any requirements and to verify the accounts.

Thanking you sir,

With regards,

PRINCIPAL

Global College of Engineering & Technology
Chinnamachupalli(V), Chennur (M), Kadapa (Dt.)

Principal

Santhiram Engineering College

NANDYAL



SANTHIRAM ENGINEERING COLLEGE

Dr. M.V. SUBRAMANYAM

B.E., M.Tech., Ph.D., MIEEE, FIETE, MISTE, MIE

Principal

Cell : 9866308475

Lr. No: SREC/PRO/R&D/CSE/2018-19/P-15

Date:24/7/2018

To
The Principal
GlobalCET,Satellite City, Kadapa (Dist.,)
Andhra Pradesh,Pin Code: 516162

Dear Sir/Madam

Sub.: Introducing the development of College Maintenance Software – Software
Research proposal - Reg.

We are happy to inform you that,we have developed a new “College Maintenance Software”.
The proposed software mainly focused on the following modules.

Module 1: Seating plan for conducting Internal and External Exams

Module 2: Preparation of Time tables for even and odd semesters

Module 3: EAMCET exam software for Conducting Mock Assessment


Module 4: Comprehensive online exam as per JNTUA


Module 5: Generation of inventory incanteen and stores

We are developing the software according to our client's requisite. This software's will
be more customized in harmony with your future needs also. We will feel happy to help you in
making your assignment much simpler and that also on a reduction in your operational cost.

This software will work effectively and efficiently for real time application. We hope for
a good research oriented business outlook.

Thank you


Principal
Santhiram Engineering College
NANDYAL

With regards

Principal
Santhiram Engineering College
NANDYAL



SANTHIRAM ENGINEERING COLLEGE:: NANDYAL

NH-40, Nandyal – 518501: Kurnool Dist. A.P.

R&D and IPR Cell

A.Y. 2017-18

Govt/ NGO – Funded Projects

Sl. No	Name of the Investigator	Dept	Title of the Project	Amount Sanctioned	Name of the Agency	Govt/Non-Govt	Status of the project
1	Mr.P.Bhaksar	CSE	Efficient and Reliable Routing Protocol for Wireless Sensor Networks (WSN'S)	1L	Union Grants Commission (UGC)	Government	Under progress
2	Mr.K. Rajasekhara Reddy Mr. M.Y.Veeresh	EEE	Design & implementation of String Combiner Box	2L	Sprouts Energy Private Limited	Non-Government	Sanctioned


PRINCIPAL
Santhiram Engineering College
Nandyal, Kurnool (Dist.), A.P.


CO-ORDINATOR



SANTHIRAM ENGINEERING COLLEGE
NANDYAL - 518501, KURNOOL DIST.
(R.A. - 2) - U.A.
Sl. No. 13822
Dr. 02/12/18
H.S.B.

A/c Cr. No. 805
Date: 12/12/2018

UNIVERSITY GRANTS COMMISSION - SOUTH EASTERN REGIONAL OFFICE
5-9-194, CHIRAG ALI LANE, IV FLOOR, A.P.S.F.C. BUILDING, HYDERABAD - 500 001
Phone: 040 - 23204735, 23200208 FAX: 040 - 23204734, Website: www.ugc.ac.in/ugsero@gmail.com

No: E. MRP-652976 (SERP/UGC-SERO)

December, 2018

The Principal,
South Eastern Regional Office,
University Grants Commission,
Hyderabad - 500 001

LINKNO:6528 DEPT:COMPUTER SCIENCE AND ENGINEERING
COMCODE:APJN037

11 DEC 2018

Sub: Release of Grants-in-aid to The Principal, SANTHIRAM ENGINEERING COLLEGE NANDYAL, KURNOOL DIST. 518501, Under the Scheme "Minor Research Projects" - Reg.

Sir/Madam,

On the basis of the accounts received for the first installment grant, I am to convey the sanction of the Commission for the payment of Rs.28000 to The Principal, SANTHIRAM ENGINEERING COLLEGE NANDYAL, KURNOOL DIST. 518501, as second installment towards the Minor Research Project entitled Efficient and Reliable Routing Protocol for Wireless Sensor Networks (WSNs) awarded to PROF PARUMANCHALA BHASKAR, Department of COMPUTER SCIENCE AND ENGINEERING as per the details given below:

Item	Allocation (Rs.)	Amount sanctioned so far (Rs.)	Amount sanctioned being (Rs.)	Total amount sanctioned (Rs.)
Hiring Services	10000	5000	4000	9000
Contingency	30000	15000	12000	27000
Chemicals	00	00	00	00
Travel/Field Work	30000	15000	12000	27000
Total	70000	35000	28000	63000
Equipment	00	00	00	00
Books	30000	30000	00	30000
Total	30000	30000	00	30000
Grand Total	100000	65000	28000	93000

1. The grant is debtable to following head of account.

Amount Sanctioned	Head Of Accounts	Category
Rs.28000	SC-3(A)-2202.03.780.27.02.31 - 19(XXV)	SC

2. The sanctioned amount is debtable to the Major Head of Account: SC-3(A)-2202.03.780.27.02.31 - 19(XXV) - Committed Liabilities: CIA(31) - Minor Research Project (SC) and is valid for payment during the financial year 2018-19 Only and subject to the condition indicated below:

3. The amount of the Grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer) UGC-SERO, Hyd. on the Grants-in Aid Bill and shall be disbursed to and credited to "The Principal, SANTHIRAM ENGINEERING COLLEGE, NANDYAL, KURNOOL DIST. - 518501, by Electronic Mode through PFMS Portal at the following details:

(a) Account No: 33245622746 (b) IFSC Code: SBIN0010577 (c) UniqueID: APXU00005554

Name & Address of Account Holder: The Principal, SANTHIRAM ENGINEERING COLLEGE, NANDYAL, KURNOOL DIST. (r)
Name & Address of bank branch: SBI, RCMCET BR.

- The Grant is subject to the adjust on the basis of Utilization Certificate in the prescribed Proforma submitted by the Institution.
- The Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.
- The Institution may follow the General Financial Rules, 2017 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2017 and those don't have their own approved manuals on financial procedures may adopt the provision of GFRs 2017 and instructions / Guidelines there under from time to time.
- The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.

Principal
Santhiram Engineering College
NANDYAL


- 8. The assets acquired wholly or substantially out of UGC's Grant shall NOT be disposed or encumbered or utilized for the purposes other than those for which the grants was given without proper sanction of the UGC and should at any time the Institution ceased to function, such assets shall revert to the University Grants Commission.
- 9. A Register of Assets acquired wholly or substantially out of the Grant shall be maintained by the Institution in the prescribed proforma.
- 10. The Grantee Institution shall ensure the utilization of Grants-in-Aid for which it is being sanctioned / paid. In case of Non-Utilization / Part Utilization thereof, simple interest @ 10% per annum, as amended from time to time on the unutilized amount from the date of credit of amount to the date of refund as per provision contained in General Financial Rules of Govt. of India will be charged.
- 11. The Institution shall follow strictly the Government of India/ UGC's Guidelines regarding Implementation of the reservation policy (Both Vertical (for SC/ST & OBC) and horizontal (for Persons with disability etc.)) in teaching and non-teaching posts.
- 12. The Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act 1963 and Official Languages (Use for Official Purposes of Union) Rules, 1976 etc.
- 13. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 69/2014-F.No.10-11/12 (Admin/AD) dated 23.03.2014.
- 14. The Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions - 2009 and amendments thereof.
- 15. It may be noted that the accounts of the grantee institution shall be subject to inspection by Officers of the SEHD, UGC, Hyderabad.
- 16. The sanction issues in exercise of the delegation of powers vide Commission Office Order No. 25/72 dated May 01, 1972.
- 17. The funds to the extent are available under the Scheme.
- 18. No Extension will be given beyond two years of term.
- 19. The Principal Investigator of the Project has to send the final Technical Report to this office and a copy to The Director, Information and Library Networking Center (INFLIBNET), Opposite Gujarat University Guest House, Post Box No. 4116, Navrangpura, Ahmadabad - 380 019.
- 20. A certificate to the effect that books & journals and equipments purchased under the scheme have been deposited to college/institution in the departmental/central library after the completion of this project must be submitted to UGC.
- 21. A certificate signed by the Principal Investigator and Principal to the effect that Executive summary of the report, Research documents, monograph, academic papers published under Minor Research Project has been posted on the website of the College.
- 22. The University/ College / Institution is registered / mapped with PFMS Portal.
- 23. The Expenditure is to be incurred using EAT module in PFMS.
- 24. The stepwise details for implementation of EAT Module is available at [http://www.ugc.ac.in](#) → [Books and Manuals](#) → [EAT User Manual](#).

Yours faithfully

 Dr. G. Srinivas
 Joint Secretary
 11/12/19

Copy forwarded for information and necessary action to:


- (1) The Principal (through RTGS/DIRECT CREDIT/Demand Draft)
 SANTHIRAM ENGINEERING COLLEGE NANDYAL
 KURNOOL DIST. 516501
 He/She is requested to abide by the instructions/guidelines of sanction order.
- (2) The Principal Accountant General, ANDHRA PRADESH
- (3) PROF. PARUMANCHALA BHASKAR
 Department of COMPUTER SCIENCE AND ENGINEERING
 SANTHIRAM ENGINEERING COLLEGE
 NANDYAL, KURNOOL DIST. 516501.
- (4) The Commissioner/Director
 Collegiate Education
 Government of ANDHRA PRADESH


 (Dr. R. Manoj Kumar)
 Deputy Secretary

Car GIA S.No. -5- /2019-2019

The sanctioned grant of Rs 26000.00 has been transferred to your college Account as mentioned at the Point No. 2 of this Sanction Order by e-payment through PFMS portal vide date 12.12.19. You are requested to acknowledge the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

(R. Rajagopal)
 Accounts Officer


Principal
Santhiram Engineering College
NANDYAL



Sprouts Energy Pvt. Ltd.

Lr. No. SEPL/May/2018/12/03

Date: 12-05-2018

To
The Principal,
Santhiram Engineering College,
Nandyal, Kurnool, A.P.

Dear Sir,

Sub: SEPL – Acceptance – Layout & Specifications - reg

Ref. No: SREC/PRO/R&D/EEE/2017-18/P-09, Dt: 21.03.2018.

---xxx---

As per reference cited above, Sprouts Energy Private Limited wants to utilize the research activity from Santhiram Engineering College for the Project titled "**Design & implementation of String Combiner Box**". As per your requirements, we have enclosed the layout and specification of our solar power plant. We would like to procure 5 units of String Combiner Box. In this connection please inform us the terms and conditions for the same.

Thanking you

From Sprouts Energy Private Limited




Authorized Signature

Encl: Plant layout and specifications.


Principal

Santhiram Engineering College

#401, Indra Imperia, Above Yes Bank, Ramanthapur, Hyderabad – 500
013, Ph: 8309154730



Sprouts Energy Pvt. Ltd.

Lr. No. SEPL/June/2018/25/02

Date: 25-06-2018

To
The Principal,
Santhiram Engineering College,
Nandyal, Kurnool, A.P.

Dear Sir,

Sub: SEPL-Purchase order for Design & Implementation of String Combiner Box – Reg.
Ref. No: SREC/PRO/R&D/EEE/2017-18/P-15, Dt: 07.06.2018

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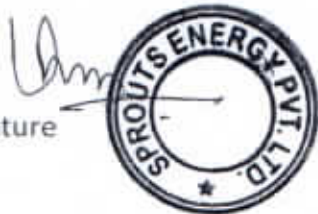
With ref to the above sub cited, we are pleased to place the work order for the implementation of String Combiner Boxes, a total of 5 units within the duration of 6 months for the total cost of the purchase order is Rs.2,00,000/- (Two Lakh Rupees inclusive of all taxes).

S.No.	Material	Quantity	Per Unit Cost (in Rs.)	Total Cost (in Rs.)
1	String Combiner Box	5	40,000.00	2,00,000.00

Thanking you

From Sprouts Energy Private Limited

Authorized Signature



#401, Indra Imperia, Above Yes Bank, Ramanthapur, Hyderabad – 500

Principal
013 Ph: 8309154730
Santhiram Engineering College
NANDYAL



SANTHIRAM ENGINEERING COLLEGE:: NANDYAL

NH-40, Nandyal – 518501: Kurnool Dist. A.P.

R&D and IPR Cell

A.Y. 2016-17

Govt/ NGO – Funded Projects

SLNo	Name of the Investigator	Dept	Title of the Project	Amount Sanctioned	Name of the Agency	Govt/Non-Govt	Status of the project
1	Mr.P.Bhaksar	CSE	Efficient and Reliable Routing Protocol for Wireless Sensor Networks (WSN'S)	1L	Union Grants Commission (UGC)	Government	Sanctioned and Rs. 0.65Lac is released on 07-04-2017


PRINCIPAL
Santhiram Engineering College
Nandyal, Kurnool(Dt.), A.P.


CO-ORDINATOR



SANTHIRAM ENGINEERING COLLEGE
 Nandyal - 515011, KURNOOL DIST.
 Pin - 515011
 SL No 13848 Date 02/12/16
 to HCS

A/c Cr. No. 545
 Date: 12/12/2016

UNIVERSITY GRANTS COMMISSION - SOUTH EASTERN REGIONAL OFFICE
 5-9-194, CHIRAG ALI LANE, IV FLOOR A.P.S.E.C. BUILDING, HYDERABAD - 500 001
 Phones: 040 - 23204735, 23202208 FAX: 040 - 23204734, Website: www.ugc.ac.in, ugsero@gmail.com

No: F. MRP-6528/16 (MRP/UGC-SERO)

December, 2016

The
 South Eastern Regional
 University Grants Commission
 Hyderabad - 500001

LINE NO: 6328 DEPT: COMPUTER SCIENCE AND ENGINEERING
 COMCODE: APJN037

11 DEC 2016

Sub Release of Grants in Aid to The Principal SANTHIRAM ENGINEERING COLLEGE NANDYAL KURNOOL DIST. 515011 Under the Scheme "Minor Research Projects" - Reg.

Sir/Madam,

On the basis of the accounts received for the first instalment grant, I am to convey the sanction of the Commission for the payment of Rs.28000 to The Principal, SANTHIRAM ENGINEERING COLLEGE NANDYAL KURNOOL DIST. 515011 as second instalment towards the Minor Research Project entitled Efficient and Reliable Routing Protocol for Wireless Sensor Networks (WSNs) awarded to PROF PARUMANCHALA BHASKAR Department of COMPUTER SCIENCE AND ENGINEERING as per the details given below:-

Item	Allocation (Rs.)	Amount sanctioned so far (Rs.)	Amount sanctioned being (Rs.)	Total amount sanctioned (Rs.)
Hiring Services	10000	5000 ✓	4000 ✓	9000
Contingency	30000	15000	11000	26000
Chemicals	00	00	00	00
Travel/Field Work	30000	15000	12000	27000
Total	70000	35000	28000	63000
Equipment	00	00	00	00
Books	30000	30000	00	30000
Total	30000	30000	00	30000
Grand Total	100000 ✓	65000 ✓	28000 ✓	93000 ✓

1. The grant is debitable to following head of account.

Amount Sanctioned	Head Of Accounts	Category
Rs.28000	SC-3(A)-2202.03.789.28.02.11 - 19(XIV)	SC

2. The sanctioned amount is debitable to the Major Head of Account: SC-3(A)-2202.03.789.27.02.11 - 19(XIV) - Committed Liabilities: GIA(31) - Minor Research Project (SC) and is valid for payment during the financial year 2016-19 Only and subject to the condition indicated below:

3. The amount of the Grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer) UGC-SERO, Hyd. on the Grants-in Aid Bill and shall be disbursed to and credited to The Principal, SANTHIRAM ENGINEERING COLLEGE NANDYAL, KURNOOL DIST. - 515011, by Electronic Mode through PFMS Portal at the following details:

(a) Account No: 33245622746 (b) IFSC Code: SBIN0010577 (c) UniqueID: APKU00005554

* (d) Name & Address of Account Holder: The Principal, SANTHIRAM ENGINEERING COLLEGE NANDYAL, KURNOOL DIST. (e) Name & Address of Bank Branch: SBI, RGMCEET BR.

- The Grant is Subject to the adjust on the basis of Utilization Certificate in the prescribed Proforma submitted by the Institution.
- The Institution shall maintain proper accounts of the expenditure out of the Grants which shall be utilized only on the approved items of expenditure.
- The Institution may follow the General Financial Rules, 2017 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2017 and those don't have their own approved manuals on financial procedures may adopt the provision of GFRs 2017 and instructions / Guidelines there under from time to time.
- The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.

Principal
 Santhiram Engineering College
 NANDYAL

LSRANG00008

8. The assets acquired wholly or substantially out of UGC's Grant shall NOT be disposed or encumbered or utilized for the purposes other than those for which the grants was given without proper sanction of the UGC and should at any time the institution ceased to function, such assets shall revert to the University Grants Commission.
9. A Register of Assets acquired wholly or substantially out of the Grant shall be maintained by the institution in the prescribed proforma.
10. The Grantee Institution shall ensure the utilization of Grants-in-Aid for which it is being sanctioned / paid. In case of Non-utilization / Part Utilization thereof, simple interest @ 10% per annum, as ascertained from time to time on the unutilized amount from the date of credit of amount to the date of refund as per provision contained in General Financial Rules of Govt. of India will be charged.
11. The Institution shall follow strictly the Government of India/ UGC's Guidelines regarding implementation of the reservation policy (Both Vertical (for SC/ST & OBC) and horizontal (for Persons with disability etc.)) in teaching and non-teaching posts.
12. The institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act 1963 and Official Languages (Use for Official Purposes of Union) Rules, 1976 etc.
13. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 69/2014 (F.No.10-11/12 (Admin.A&B) dated 23.03.2014.
14. The institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions - 2009 and amendments thereof.
15. It may be noted that the accounts of the grantee institution shall be subject to inspection by Officers of the SERIS, UGC, Hyderabad.
16. The sanction issues in exercise of the delegation of powers vide Commission Office Order No. 25/92 dated May 01, 1992.
17. The funds to the extent are available under the Scheme.
18. No Extension will be given beyond two years of term.
19. The Principal Investigator of the Project has to send the final Technical Report to this office and a copy to The Director, Information and Library Networking Center (INFLIBNET), Opposite Gujarat University Guest House, Post Box No. 4116, Navarangpura, Ahmedabad - 380 009.
20. A certificate to the effect that books & journals and equipments purchased under the scheme have been deposited to college/institution in the departmental/central library after the completion of this project must be submitted to UGC.
21. A certificate signed by the Principal Investigator and Principal to the effect that Executive summary of the report, Research documents, monograph, academic papers published under Minor Research Project has been posted on the website of the College.
22. The University/ College / Institution is registered / mapped with PFMS Portal.
23. The Expenditure is to be incurred using EAT module in PFMS.
24. The stepwise details for implementation of EAT Module is available at <https://www.nic.in/> → Books and Manuals → EAT User Manual.

Yours faithfully

(Dr. G. Srinivas)
Joint Secretary

11/12/19

Now forwarded for information and necessary action to:

- (1) The Principal (through RTGS/DIRECT CREDIT/Demand Draft)
SANTHIRAM ENGINEERING COLLEGE NANDYAL
KURNOOL DIST. 518501.
He/She is requested to abide by the instructions/guidelines of sanction order.
- (2) The Principal Accountant General, ANDHRA PRADESH State.
- (3) PROF. PARUMANCHALA BHASKAR
Department of COMPUTER SCIENCE AND ENGINEERING
SANTHIRAM ENGINEERING COLLEGE
NANDYAL, KURNOOL DIST. 518501.
- (4) The Commissioner/Director
Collegiate Education
Government of ANDHRA PRADESH

R. Hanu Kumar

(Dr. R. Manoj Kumar)
Deputy Secretary

Cor GIAS.No. - 5 - /2018-2019

The sanctioned grant of Rs.20000.00/- has been transferred to your college Account as mentioned at the Point No. 2 of this Sanction Order by e-payment through PFMS portal vide date 18/12/19. You are requested to acknowledge the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

(R. Karappa)
Accounts Officer

Principal
Santhiram Engineering College
NANDYAL