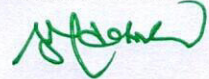


**3.1.2. The institution provides seed money to its teachers for research**

Academic Year	2020-21	2019-20	2018-19	2017-18	2016-17
Seed Money Provided INR in Lakhs	6.5	10.6	0	0.1	0.45

Verified and found Correct

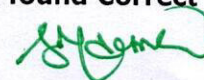


**PRINCIPAL**  
**PRINCIPAL**  
**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
Sree Sainath Nagar, A. RANGAMPET  
Chittoor (Dist.) - 517 102, A.P., INDIA.

**3.1.2. The institution provides seed money to its teachers for research**

<b>Name of the Teacher provided with Seed Money</b>	<b>The amount of seed money (in Lakhs)</b>	<b>Year of receiving</b>
Dr. K. Ramani	1.5	2020-21
Dr. S. Prabhu, Dr. B. Hemanth Kumar	1.6	2020-21
Dr. A. Chithambar Ganesh	1.8	2020-21
Dr. T. Hari Prasad	0.6	2020-21
Ms. M. Bharathi, Dr. N. Padmaja	1	2020-21
Dr E Parimalasundar, Dr D Suresh Babu	0.50	2019-20
Dr Dadamiah PMD Shaik	1	2019-20
Dr. N. Manikandan, Dr. J.S. Binoj	1	2019-20
Ms. K. Neelima	1.5	2019-20
Dr. Argha Sarkar	1.75	2019-20
Dr. K. G. Suma	0.5	2019-20
Dr. R. Vinoth	1.75	2019-20
Dr. B. Sachuthananthan	1	2019-20
Dr. M. Babu Raj, Dr. S. Ragu Nathan	1.6	2019-20
Mr. D.N. Kartheek	0.1	2017-18
Mr. K. Ayyappa Swamy	0.45	2016-17
<b>Total</b>	<b>17.65</b>	

**Verified and found Correct**



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**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
**(AUTONOMOUS)**

Sree Sainath Nagar, A. RANGAMPET  
Chittoor (Dist.) - 517 102, A.P., INDIA.

**2020-21**

2018-19

### Internal Funding – Projects Selected

Sl. No.	Name of the Project	Principal Investigator	Duration	Amount (Rs.)	Remarks
1.	Design, Analysis and Prototype Modeling of Reduced Switch Compact Multilevel Inverter for Medium Power Solar PV System	Dr. V. Arun & Mr. G.S. Arun Kumar	2 Years	2,00,000	
2.	A Dynamic object Recognition System for Visually Impaired	Dr. K. Ramani	2 Years	1,50,000	
3.	Wood and Pest Detection in Agricultural Farms from Drone captured images using Deep Learning Techniques	Dr. V. Anantha Natarajan	2 Years	2,00,000	
4.	Driver Assistance System under Bad Weather Conditions	Dr. T.V.S. Gowtham Prasad	2 Years	1,00,000	
5.	Development and fabrication of optical chemical sensors for the determination and extraction of toxic metal ions in industrial effluents and natural aquifers	Dr. Y. Tharakeswar & Dr. G. Rambabu	2 Years	1,50,000	
6.	Synthesis of exfoliate and decorated MoS <sub>2</sub> (Ni, Pd) layered films: Study the impact of catalyst preparation variables on material structure and catalytic performance	Dr. V. Nirupama	2 Years	1,00,000	
7.	Prediabetes Information Investigation system by using Analytical Methods	Dr. O. Obulesu & Dr. Vellingiri J	2 Years	50,000	
8.	Performance Evaluation of Water Cooler Cum water Heater with Tube in Tube Heat Exchanger	Dr. R. Satya Meher	2 Years	1,00,000	
9.	Automation of Aerators based system on Water Quality Parameters in Aqua Culture	Mr. G. Hemanth Kumar & Mr. D.R. Kumar Raja	2 Years	1,50,000	
10.	Design and Implementation of New Biorthogonal Wavelets and its application to Image processing	Mr. Jaya Krishna Sunkara	2 Years	No Money	

*Lazar Mathew*  
 Dr. T. Lazar Mathew  
 30-08-18

*D. D. Jhaganu*  
 Dr. D. Jhaganu

*I. Sudarsan Kum*  
 Dr. I. Sudarsan Kum

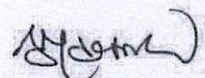
*B. Ravisekhar*  
 B. Ravisekhar

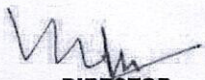
SREE VIDYANIKETHAN ENGINEERING COLLEGE  
SREE SAINATH NAGAR, A.RANGAMPET  
CHANDRAGIRI MANDAL CHITTOOR DISTRICT, A.P.  
PROVISIONAL BALANCE SHEET AS ON 31.03.2021

LIABILITIES	Amount Rs.	Amount Rs.	ASSETS	Amount Rs.	Amount Rs.
Capital Fund of SVET (O.B)	50,23,21,620		<b>FIXED ASSETS:</b>		
Add: Excess of Income over expenditure	3,30,86,480	53,54,08,100	I. Land		13,98,547
Endowment Fund		8,50,000	<b>II. Buildings</b>		
<b>Loans &amp; Advances:</b>			Gross Block (Sch. III)	1,25,19,29,430	
I. Secured Loans:			Less: Depreciation	38,53,95,729	
Adhra Bank Term Loan - V	-			86,65,33,701	
Adhra Bank New Term Loan	77,34,04,894		Add: Building under constr. (W.I.P)	-	86,65,33,701
Andhra Bank Vehicles Loan	9,43,701		<b>III. Plant/Machinery</b>		
HDB Financial Services	-		Gross Block (Sch. III)	62,83,89,908	
ICICI Bank - Vehicle loan & Equipment Loan	-	77,43,48,595	Less: Depreciation	45,36,07,371	17,47,82,537
<b>Other Liabilities:</b>			<b>IV. Equipments-MODROBS:(AICTE)</b>		
Amounts payable	7,95,85,510		Computers/Accessories and other Equipts - IT	45,01,757	
Provision for Gratuity	7,09,87,521		Lab Equipments-ME	86,470	
Professional Tax payable	1,150		Lab Equipments-CSSE	1,79,843	
Undisbursed salaries	5,07,44,030		Machinery/Equipment-EEE	26,77,278	
Caution Deposit	2,31,73,301		Computers & Accessories - CSE	8,29,267	
Sundry Creditors (Sche.-I)	4,31,52,381		Lab Equipments, Computers etc. - ECE	34,85,025	
Security deposit from Staff	3,00,546		Computers & other Equipts - GEBH	8,69,106	
Students Security Deposit	37,68,820		Machinery/Equipment-EIE	26,32,832	
Excess fee (Refundable to Students)	4,06,57,727	31,23,70,986	Lab Equipments - CE	7,83,799	
			Computers & Accessories - MCA	3,49,119	1,63,94,496
			<b>OTHER ASSETS:</b>		
			<b>I. Advances/Deposits :-</b>		
			Advances (Sch. II B & C)	9,98,51,892	
			SEED Money Advances & Development [Research]	1,50,000	
			Deposits (Sch-III)	6,13,13,665	16,13,15,557
			Amounts Receivable		34,65,46,929
			Pre-Paid Insurance & Expenses		41,76,729
			Pre-Paid Affiliation fee		18,36,919
			<b>II. Cash &amp; Bank Balances :-</b>		
			Bank Balances (Schedule-IV)	4,99,77,673	
			Cash - Exam. Cell	14,591	4,99,92,264
<b>Total</b>		<b>1,62,29,77,681</b>	<b>Total</b>		<b>1,62,29,77,681</b>

For M/s. Rajagopal Naidu & Co  
Chartered Accountants  
FRN: 0102908, Tirupati

Mg. P/r.: M. RAJAGOPAL NAIDU, F.C.A.,  
IM.No.021210

  
**PRINCIPAL**  
**PRINCIPAL**  
SREE VIDYANIKETHAN ENGINEERING COLLEGE  
(AUTONOMOUS)  
Sree Sainath Nagar, A. RANGAMPET  
Chittoor (Dist.) - 517 102, A.P., INDIA.

  
**DIRECTOR**  
(Finance & Administration)  
**DIRECTOR**  
(FINANCE & ADMINISTRATION)  
SREE VIDYANIKETHAN EDUCATIONAL TRUST  
Sree Sainath Nagar, A. RANGAMPET-517 102  
Chittoor (Dist), A.P.

## **Internally Funded (Seed Money) Project - Details**

Project Title : A Dynamic Object Detection for Visually Impaired

Department : Information Technology

Name of the PI : Dr. K. Ramani

Name of the Co-PI (if any) : --NA--

Affiliation of PI & Co-PI : Professor & Head, Dept. of IT, SVEC

Year of Funding (Financial year) : 2020-21

Project Duration : 2 Years (Extended by 8 months)

Amount Sanctioned (in Rs.) : 1,50,000/-

Abstract/Brief Summary of the project :

Objectives of the project:

- To design and develop a novel camera-based approach to automatically detect and recognize objects of surrounding environment.
- To develop a text to audio translation system.
- To develop an approach to find the distance between object and human and intimating the same through audio.
- To develop a Mobile App for object recognition with above features.
- To develop approaches for navigation and way finding and to enable independent access unfamiliar indoor and outdoor environments and avoid dangers.

Work Done till date :

- Presented a paper titled Multi-Object Detection System for Visually-Impaired, International Conference on Smart Computing and

Control of Systems (ICSCCS-2019) organized by Sree Vidyanikethan Engineering College, Tirupati during 17-19 October, 2019

- Presented a Paper Titled "Virtual Tourist Guide APP" in 3<sup>rd</sup> International Conference on New Scientific creations in Engineering and Technology on 19.03.2021

Expected Outcomes :

1. Optimized algorithms for object recognition
2. A voice based navigation system for visually impaired people.
3. Interior and exterior object identification with distance.
4. Historical places description through AR and VR techniques

K. Ramani  
(Principal Investigator Name)  
(Dr. K. RAMANI)

**Dr. K. RAMANI**  
Professor & Head  
Dept. of Information Technology  
Sree Vidyanikethan Engineering College  
A. RANGAMPET-517 102

Photo(s)

ASB Account	05-75 Years	Accidental Cover Only	1,00,000
ASB Plus Account	05-75 Years	Accidental Cover Only	1,50,000
ABG Account	05-75 Years	Accidental Cover Only	1,00,000
ABJ Account	18-55 Years	Accidental and Natural Death Cover	1,00,000
ABJ Plus Account	18-55 Years	Accidental and Natural Death Cover	1,50,000
ABJ Double Plus Account	18-55 Years	Accidental and Natural Death Cover	1,00,000
ABJ Triple Plus Account	18-55 Years	Accidental and Natural Death Cover	1,50,000
AB Kiddy Bank (Kids Khazana)	0-18 Years	For Child - Accidental Cover	1,50,000
	18-70 Years	For Parent / Guardian Cover	1,50,000
AB Arogyadan	3 Months-70 Yrs	Renewable life long	
Deposit Schemes	RD Account, RD Plus Account Fixed Deposit, Kalpaturu Deposit, AB Tax Saver Deposit, AB Freedom Deposit, AB Double Deposit, AB Money-Time Deposit		

For Further Information and scheme details please contact the nearest branch

Conditions apply

- ★ Andhra Bank is merely a mobilizer / facilitator for the Insurance and is no way liable for any claim. For the name of the Insurer & applicable terms and conditions of Insurance, customer may approach the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)
- ★ For the applicable rates of interest contact the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)

Dr. Romane, IT

Note: 1. Account holders are requested to maintain sufficient balance in the account for deduction of Insurance premium and also to verify whether the premium is deducted or not on due dates. Bank will not be responsible for non-deduction of premium due to paucity of clear funds in the account.  
2. While presented for updation of the Pass Book a new line appear every time at the end of transactions. Acronyms / Abbreviations used are provided in the last page.

शाखा /Branch

1540 SRI VIDYA NIKETHAN

ETIRUPATHI

CHITTOR DIST, ANDHRA PRADESH

TIRUPATHI

ANDHRA PRADESH -517102

खाताधारक का नाम

Name of A/c Holder

M/S DYNAMIC OBJECT RECOGNITION

पत्ता Address SREE VIDYANIKETHAN ENGINEERING COLLEGE

SREE SAINATH NAGAR A RANGAMPETA

फोन नंबर TIRUPATHI

Phone No. ANDHRA PRADESH-517102

919963971785

प्रकार /Mode

AUTHORISED SIGNITORY / CONS. ATTORNE

07-05-2010



पास बुक PASS BOOK



Comp. No. 11302

BrPh :0877-2247949

IFSC CODE: UBIN0815403

MICR CODE: 517011007

bm1540@andhrabank.co.in

खाता नंबर 154010100123186

A/c. No.

Scheme Code: SBOGP

CUST.ID : 58772118

पश्चिम कार्यालय मैफाबाद हैदराबाद - 500 004



Account Date	Particulars	Cheque No.	Amount Withdrawn	Amount Deposited	Balance	Initial
18/05/2019	CASH RECEIPT			500.00	500.00Cr	
06/06/2019	Int. Pd: 070519 to 310519			1.00	501.00Cr	Dr. Ramana (T)
18/06/2019	CS01 SMS Chrgs/Apr-Jun		18.00		483.00Cr	
06/09/2019	Int. Pd: 010619 to 310819			4.00	487.00Cr	
18/09/2019	CS01 SMS Chrgs/Jul-Sep		18.00		469.00Cr	
03/12/2019	Int. Pd: 010919 to 301119			4.00	473.00Cr	
17/12/2019	CS01 SMS Chrgs/Oct-Dec		18.00		455.00Cr	
05/03/2020	Int. Pd: 011219 to 290220			4.00	459.00Cr	
12/04/2020	Int. Pd: 010320 to 310320			1.00	460.00Cr	
22/06/2020	CS01 SMS Chrgs/Apr-Jun		17.70		442.30Cr	
07/07/2020	Int. Pd: 010420 to 300620			3.00	445.30Cr	
20/09/2020	CS01 SMS Chrgs/Jul-Sep		17.70		427.60Cr	
04/10/2020	Int. Pd: 010720 to 300920			3.00	430.60Cr	
(Date:02-12-2020	Clr Bal: Cr Rs.430.60		Avail AmtCr Rs.430.60	Eff Bal:Cr Rs.430.60	)	

20/12/2020	CS01 SMS Chrgs/Oct-Dec		17.70		412.90Cr	
24/12/2020	TRF SREE VIDYANIKETHAN			150000.00	150412.90Cr	
(Date:01-01-2021	Clr Bal: Cr Rs.150412.90		Avail AmtCr Rs.150412.90	Eff Bal:Cr Rs.150412.90	)	

Dt:17.12.2020

From

**Dr. K. RAMANI**

Professor and Head

Dept. of Information Technology

S.V.E.C., A.Rangampet- 517 102

To

**The Principal**

Sree Vidyanikethan Engineering College

A.Rangampet- 517 102

Respected Sir,

Sub: Request for release of fund-Implementation of Internal Funded project **A Dynamic Object Recognition System for Visually Impaired** under seed money scheme-  
Reg.

Ref: No. SVET/Approval/SEED DST Funds/SVEC/0237/2018, Dt. 29.11.2018

For the Internal Funded project under seed money scheme titled "**A Dynamic Object Recognition System for Visually Impaired**" implementation hardware and cloud computing services are required. Hence, I request you, to release fund **Rs. 1,50,000/- (One Lakh and fifty Thousands)** into the account M/s DYNAMIC OBJECT RECOGNITION bearing No: **154010100123186**, SVEC(Extn.) Counter, Andhra Bank, A. Rangampet, as early as possible.

Thanking you sir,

Yours faithfully,



**(K. Ramani)**

Dt:29.12.2020

From

**Dr. K. RAMANI**

Professor and Head

Dept. of Information Technology

S.V.E.C., A.Rangampet- 517 102

To

**The Principal**

Sree Vidyanikethan Engineering College

A.Rangampet- 517 102

Respected Sir,

Sub: Request for release of fund-purchase of items- Internal Funded project under seed money scheme- Reg.

Ref: No. SVET/Approval/SEED DST Funds/SVEC/0237/2018, Dt. 29.11.2018

I inform you that the following items for the Internal Funded project under seed money scheme titled "A Dynamic Object Recognition System for Visually Impaired" implementation are required (The costs are obtained from e-commerce website Amazon). Hence, I request you, to provide the same as early as possible.

S. No	Item Description	No. of Units	Cost (Rs.)
1.	Raspberry PI 4, 8 GB RAM Combo kit	01 No.	9,000/-
2.	PI camera	02 No.	800/- (@400/- per unit)
3.	Ultrasonic Sensors	06 No.	900/- (@150/- per unit)
4.	Soil Moisture and LDR Sensors	01 No.	200/-
5.	Switch	01 No.	500/-
6.	Soldering Kit	01 No.	400/-
7.	Re-chargable Battery (Ambrane 27000mAh Li Polymer)	01 No.	2,000/-
8.	Speakers (USB based Zebronics)	01 No.	700/-
<b>Total</b>			<b>14,500/-</b>

Thanking you sir,

Approved for 14500/-

Yours faithfully,

K. Ramani  
(K. Ramani)

P. C. Chalapathi

29/12/2020



Tax Invoice/Bill of Supply/Cash Memo  
(Original for Recipient)

**Sold By :**  
Discount Bazaar India  
\* SURVEY NO. 38/2, 39 AND 40,  
JADIGENAHALLI HOBLI, KACHARAKANAHALLI  
VILLAGE, HOSAKOTE TALUK, Bengaluru  
(Bangalore) Urban  
Bangalore, Karnataka, 562114  
IN

**Billing Address :**  
P BHASHA  
1-82, MUSLIM STREET, NARASINGAPURAM  
VILLAGE, CHANDRAGIRI MANDAL  
CHITTOOR, ANDHRA PRADESH, 517102  
IN  
State/UT Code: 37


PAN No: BPGPS3361Q  
GST Registration No: 29BPGPS3361Q1Z0

**Shipping Address :**  
P BHASHA  
P BHASHA  
1-82, MUSLIM STREET, NARASINGAPURAM  
VILLAGE, CHANDRAGIRI MANDAL  
CHITTOOR, ANDHRA PRADESH, 517102  
IN

State/UT Code: 37  
Place of supply: ANDHRA PRADESH  
Place of delivery: ANDHRA PRADESH

Order Number: 402-7407023-5071526  
Order Date: 06.01.2021

Invoice Number : IN-BLR5-29350  
Invoice Details : KA-BLR5-391812865-2021  
Invoice Date : 06.01.2021

Sl. No	Description	Unit Price	Discount	Qty	Net Amount	Tax Rate	Tax Type	Tax Amount	Total Amount
1	PIBOX India Raspberry Pi 4 8GB Easy Cool 8 Combo kit 4823W with Pi4 8GB Pi4 Fan case, Dual Speed Fan, 32GB Noobs Card, BIS 3 Amps Charger, 3 Piece Heatsink, HDMI Cable and Accessories - 2020 Model   B08L5L2WJN ( L5-YRRA-09HX )	₹7,286.44	₹0.00	1	₹7,286.44	18%	IGST	₹1,311.56	₹8,598.00
<b>TOTAL:</b>								₹1,311.56	₹8,598.00
<b>Amount in Words:</b> Eight Thousand Five Hundred And Ninety-eight only									
<b>For Discount Bazaar India:</b>  <b>Authorized Signatory</b>									

Whether tax is payable under reverse charge - No



Tax Invoice/Bill of Supply/Cash Memo  
(Original for Recipient)

**Sold By :**  
ROBOTICS EMBEDDED EDUCATION  
SERVICES PVT  
\* SURVEY NO. 38/2, 39 AND 40,  
JADIGENAHALLI HOBLI, KACHARAKANAHALLI  
VILLAGE, HOSAKOTE TALUK, Bengaluru  
(Bangalore) Urban  
Bangalore, Karnataka, 562114  
IN

**Billing Address :**  
P BHASHA  
1-82, MUSLIM STREET, NARASINGAPURAM  
VILLAGE, CHANDRAGIRI MANDAL  
CHITTOOR, ANDHRA PRADESH, 517102  
IN  
**State/UT Code: 37**

**PAN No:** AAGCR7293D  
**GST Registration No:** 29AAGCR7293D1Z0

**Shipping Address :**  
P BHASHA  
P BHASHA  
1-82, MUSLIM STREET, NARASINGAPURAM  
VILLAGE, CHANDRAGIRI MANDAL  
CHITTOOR, ANDHRA PRADESH, 517102  
IN

**State/UT Code: 37**

**Place of supply:** ANDHRA PRADESH  
**Place of delivery:** ANDHRA PRADESH

**Order Number:** 402-1193641-2917940  
**Order Date:** 06.01.2021

**Invoice Number :** IN-BLR5-1142  
**Invoice Details :** KA-BLR5-160679401-2021  
**Invoice Date :** 06.01.2021

Sl. No	Description	Unit Price	Discount	Qty	Net Amount	Tax Rate	Tax Type	Tax Amount	Total Amount
1	REES52 Raspberry Pi Night Vision Camera Adjustable-Focus Module 5MP OV5647 Webcam Video 1080p for Raspberry-pi 2 Raspberry-pi 3 Model B Model B+   B075ZY6N2Q ( RP205 )	₹1,269.49	₹0.00	1	₹1,269.49	18%	IGST	₹228.51	₹1,498.00
	Shipping Charges	₹33.90	-₹33.90		₹0.00	18%	IGST	₹0.00	₹0.00
<b>TOTAL:</b>								₹228.51	₹1,498.00

**Amount in Words:**

One Thousand Four Hundred Ninety-eight only

For ROBOTICS EMBEDDED EDUCATION SERVICES PVT:



Authorized Signatory

Whether tax is payable under reverse charge - No

Sub: Raspberry Pi 4 8GB- cost is referred in 3 e-commerce websites- Reg.


1. URL : <https://www.electronicshub.in/official-raspberry-pi-4-desktop-kit-8gb-ram>

**Package Includes**

Raspberry Pi 4 Desktop kit is supplied with:

1. Raspberry Pi 4 Model B with 8GB Ram
2. Guide Book
3. Raspberry Pi Keyboard & Mouse
4. Micro HDMI to Standard HDMI (A/M) 1m Cables-2Pcs
5. Raspberry Pi 15.3W USB-C Power Supply (Indian Plug)
6. Raspberry Pi 4 Case
7. 16GB NOOBS with Raspbian microSD card

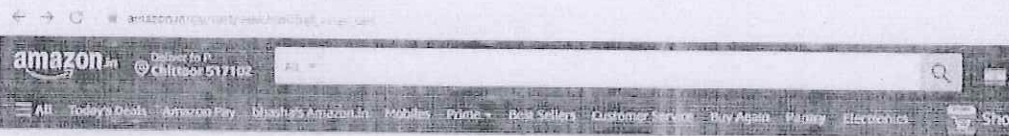
**Shopping Cart**

Image	Product Name	Model	Quantity	Tax	Unit Price	Total
	Official Raspberry Pi 4 Desktop Kit - 8GB Ram	EC-4785	1	IGST (18%)	Rs.9,995.00	Rs.9,995.00
					Sub-Total:	Rs.9,995.00
					IGST (18%):	Rs.1,799.10
					Total:	Rs.11,794.10

2. [https://www.amazon.in/India-Raspberry-Charger-Heatsink-Accessories/dp/B08L5L2WJN/ref=asc\\_df\\_B08L5L2WJN/?tag=googleshopdes-21&linkCode=df0&hvadid=396987072201&hvpos=&hvnetw=g&hvrand=2892499423108524480&hvpone=&hvtwo=&hvtm=&hvdv=c&hvdvcmid=&hvllocint=&hvllocphy=9040219&hvtargid=pla-982261018529&pvc=1&ext\\_vrnc=hi](https://www.amazon.in/India-Raspberry-Charger-Heatsink-Accessories/dp/B08L5L2WJN/ref=asc_df_B08L5L2WJN/?tag=googleshopdes-21&linkCode=df0&hvadid=396987072201&hvpos=&hvnetw=g&hvrand=2892499423108524480&hvpone=&hvtwo=&hvtm=&hvdv=c&hvdvcmid=&hvllocint=&hvllocphy=9040219&hvtargid=pla-982261018529&pvc=1&ext_vrnc=hi)

**PIBOX India**


1. Raspberry Pi 4 8GB
2. Pi4 Fan case
3. Dual Speed Fan
4. 32GB Noobs Card
5. BIS 3 Amps Charger
6. 3 Piece Heatsink
7. HDMI Cable



Pay faster for all your shopping needs with Amazon Pay balance  
Get instant refund on cancellations (Zero payment follows)

**Shopping Cart**

Updated: All items



**PIBOX India Raspberry Pi 4 8GB Easy Cool & Combo kit 4823W with Pi4 8GB, Pi4 Fan case, Dual Speed Fan, 32GB Noobs Card, BIS 3 Amps Charger, 3 Piece Heatsink, HDMI Cable and Accessories - 2020 Model**

Qty: 1

₹18,598.00

Subtotal (1 item): ₹18,598.00

To

**The Principal,**  
Sree Vidyanikethan Engineering College,  
Sree Sainath Nagar,  
**Tirupati.**

Sir,

Sub: Sree Vidyanikethan Engineering College – Financial Assistance  
under Seed Grant - Accord of Approval for the year 2021-22 – Reg.

Ref : Your Note NO. Nil, Dt.23.12.2021.

\* \* \*

This is to inform you that approval has been accorded to release an amount of **Rs. 5,00,000/-** (Rupees Five Lakhs Only) towards **Financial Assistance under Seed Grants to Faculty of Sree Vidyanikethan Engineering College for the year 2021-22** to initiate Research activities as recommended by the Committee Constituted for selection of projects under the scheme. The details are as follows;-

S.No.	Faculty Name & Department	Titles of the proposal	Seed money Requested Rs.	Seed Money Granted/Approval Rs.
01.	Dr. S.Prabhu and Dr.B.Hemanth Kumar EEE	Design, Analysis, Implementation and Testing of Novel High Power Density Switched Reluctance Hub Motor for Electric Vehicles	1,66,000	1,60,000
02.	Dr. A.Chithambar Ganesh, CE	Development of sustainable paver Block using Hazardous Waste	2,00,000	1,80,000
03.	Dr. Hariparsad Tarigonda, ME	Experimental studies on Thermal Energy Storage System using composite phase change materials	60,000	60,000
04.	Ms. M.Bharathi and Dr. N.Padmaja, ECE	Design and Implementation of New Architecture of MAC Core for Real time Digital Signal processing Applications	1,50,000	1,00,000
<b>Total:</b>			<b>5,00,000</b>	

Sree Sainath Nagar, Tirupati,

Andhra Pradesh - 517 102.

+91-877-3066777

+91-877-3066999

www.vidyanikethan.edu

The Faculty members who have been granted and received seed money have to initiate their research activity immediately and present the progress of their project to the committee on a quarterly basis.

Further we also inform you that the sanctioned amount will be deposited into the respective account of the Faculties opened for the purpose and the Faculty may be advised to complete the project within 12 months from the receipt of grant amount.

Thanking You,

Yours faithfully,



**(B. RAVI SEKHAR)**

Director (Finance & Administration)



2420

20

23-12-2021

**Note Submitted to Director (F&A)**

Sub : Release of seed Grant to faculty for the year 2020-21 - Reg.

With a view to provide support to initiate Research activities which has the potential of scaling-up for preparing project proposals for from funding agencies, Proposals are invited from SVEC faculty and 6 following proposals are received from 3 departments requesting for sanctioning of seed money grant.

The applicants presented their proposals before a committee consisting Advisor Cum Director, Director (A&R), Principal, Vice-Principal. The committee also had detailed discussions on the outcome of the proposed research activity and chances of applying to various funding agencies for getting funds for taking the research activity forward or submitting of papers in peer reviewed journals. The committee opined that the seed money grant may be provided for initiating their research activity as per the details given here under.

S.No.	Faculty Name & Department	Title of the Proposal	Seed Money Requested	Seed Money Granted /Approved
1.	Dr. S. Prabhu and Dr. B. Hemnath Kumar EEE	Design, Analysis, Implementation and Testing of Novel High power Density Switched Reluctance Hub Motor for Electric Vehicles	Rs.1,66,000/-	Rs.1,60,000/-
2.	Dr. B. Sachuthananthan ME	Conversion of old two wheelers to low cost electric vehicle and establishing SVEC vehicle power train research & Skill development centre	Rs.1,50,000/-	Nil (deferred)
3.	Dr. A. Chithambar Ganesh CE	Development of sustainable Paver Block using Hazardous Waste	Rs.2,00,000/-	Rs.1,80,000/-
4.	Dr. Hariprasad Tarigonda ME	Experimental studies on Thermal Energy Storage System using composite phase change materials	Rs.60,000/-	Rs.60,000/-
5.	Ms. M. Bharathi and Dr. N. Padmaja ECE	Design and Implementation of New Architecture of MAC Core for Real time Digital Signal processing Applications	Rs.1,50,000/-	Rs.1,00,000/-
6.	Dr. A Gnana Sagaya Raj ME	Simulation of Cold Flow and Combustion studies in a DI Diesel Engine - A CFD Study using Converge	Rs.1,50,000/-	Work station available in CSE Department with Dr. Ananth Natarajan may be used for his work.
			<b>Total</b>	<b>Rs.5,00,000/-</b>

1. The faculty members who have been granted and received seed money have to initiate their research activities immediately.

**SREE VIDYANIKETHAN EDUCATIONAL TRUST**  
Sree Sainath Nagar  
A.RANGAMPET-517 102

They have to present the progress of their project in front of a committee on a quarterly basis. Project should be completed with in 12 months from the receipt of the amount.

27-DEC-2021  
(Dr. T. Nageswara Prasad)  
Vice Principal, SVEC

(DR. B.M. Satish)  
Principal, SVEC

(Dr. P. Giridhara Reddy)  
Director (A&R)

(Dr. L. Venugopal Reddy)  
Advisor Cum Director, SVET

RECEIVED  
No:.....

M. Balaji  
Dr. B. Sachuthananthan  
28/12

**2019-20**

2996  
DFA

3/2

FCE

29.06.2019

To  
The Director (F & A)  
Sree Vidyanikethan Educational Trust  
Sree Sainath Nagar  
Tirupati.



Sir,

**Sub: Financial Sanction for Internal Projects**

Kindly refer our discussions on the above at different occasions.

On the basis of the proposals submitted and subsequent presentations by the investigators, a committee consisting of Research Advisor, Director (Q&D) and Director have selected the following projects for funding by our Institute (List attached).

Kindly issue financial sanction order for these projects at the earliest.

With Regards,

Yours sincerely

*Dr. Lazar Mathew*  
29.06.19

(Dr. LAZAR MATHEW)

*oe*  
*TV/2*  
6-7-2019

*Submitting to Hon'ble  
Chairman Sir for Approval*

*TV/2*  
*3/2*

*He  
to pay after  
opening their  
joint account*  
*TV/2*  
*5/7*

# SREE VIDYANIKETHAN EDUCATIONAL TRUST

SREE SAINATH NAGAR - TIRUPATI - 517 102

No.SVET/DST SEED/SVEC/Bank A/cs/0049/2019

Date: 16.02.2019

**The Principal,**  
Sree Vidyanikethan Engineering College,  
Sree Sainath Nagar,  
Tirupati - 517 102.

Sir,

Sub: **SVEC - SEED Money for Internal Funded Projects - Required to open Joint Bank Accounts by the Faculty - Information - Reg.**

Ref: 1. This office letter No.SVET/Approval/SEED DST Funds/SVEC/0237/2018,  
Dated 29.11.2018.

2. This office letter No.SVET/Approval/DST Funds/SVEC-CSE/0275/2018,  
Dated 19.12.2018.

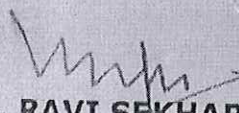
- - -

As you are aware that the Management, Sree Vidyanikethan Educational Trust sanctioned **Budget under SEED Money Scheme** to certain Faculty members of Sree Vidyanikethan Engineering College for execution of Internal Funded Projects.

In this connection, you are requested to advise the concerned Faculty members to open a separate **Joint Bank Accounts** in the name of the **Principal and Principal Investigator of the Project** for transfer of the sanctioned Funds.

Thank you,

Yours faithfully,

  
**(B. RAVI SEKHAR)**

Director

Finance & Administration

Copy to: The Research Advisor, SVEIs.

: The Director, SVEC.

: The COO, SVEC.

: The CAO, SVET.

: The SAO, SVEC.

: The Head Cashier, SVEC.

: The File.

**SREE VIDYANIKETHAN EDUCATIONAL TRUST**  
**Sree Sainath Nagar, Tirupati - 517 102.**  
**Internal Funding - Projects Selected**

2019-20

Sl. No.	Name of the Project	Principal Investigator	Duration	Amount (Rs.)	Remarks
1.	Detection of Glaucoma in Fundus Images using Soft Computing Techniques	Dr. K.G. Suma Dept. of CSE	18 Months	50,000	
2.	Real Time Monitoring and Fault Identification in Multilevel Inverter Fed Induction Motor Drive	Dr. E. Parimalasundar Dr. D. Suresh Babu Dept. of EEE	18 Months	50,000	
3.	Investigations on Electrochemical performance of Graphene / Mn304 Nanofilms for Supercapacitors	Dr. Dadamiah PMD Shaik Dept. of BS & H	18 Months	1,00,000	
4.	Fabrication and Characterization of Resistive Random Accesses Memories (RRAMs) for Energy Efficient Solution	Dr. Argha Sarkar Dept. of ECE	12 Months	1,75,000	
5.	Adjacent Error Detection and Correction for Fundus Images	Ms. K. Neelima Dept. of ECE	12 Months	1,50,000	
6.	Investigation on minimum thickness sheets which can be achieved by Wire Electrode Discharge Machining Process	Dr. M. Baburaj Dr. S. Ragu Nathan Dept. of Mechanical	18 Months	1,60,000	
7.	A comparative study on Wire Electrical Discharge Machining of Aerospace Materials	Dr. N. Manikandan & Dr. J.S. Binoj Dept. of Mechanical	12 Months	1,00,000	
8.	Study of Heat Transfer and Fluid Flow through Microchannel Heat Sink using Nanofluids	Dr. R. Vinoth Dept. of Mechanical	18 Months	1,75,000	
9.	Carbon Capture in CI Engine with Blends of Methyl Ester of Microalgae as Alternate Fuel	Dr. B. Sachuthananthan Dept. of Mechanical	12 Months	1,00,000	
10.	Evaluation of Microbiome of Pterocarpus Santalinus L. (Red Sanders) grown in Seshachalam Biosphere Reserve, A.P. India.	Dr. G. Ramakrishnaiah SVDC	16 Months	75,000	
11.	Neuroprotective and Neurobehavioral effects of etoricoxib against reversible middle cerebral artery occlusion and seizure models: Focus on biochemical and behavioral based mechanism in rats	Dr. Jayaraman Rajangam SVCP	12 Months	1,75,000	
12.	Evaluation of Borassus Flabellifera Trichomes as a Natural Hemostatic Agent	Dr. P. Latha SVCP	18 Months	1,00,000	
<b>TOTAL</b>				<b>14,10,000</b>	

Dr. T. Lazar Mathew  
29.06.19

Dr. DVS Bhagavanulu

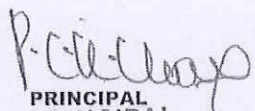
Dr. I. Sudarsen Kumar

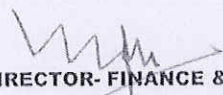
Mr. B. Ravisekhar


SREE VIDYANIKETHAN ENGINEERING COLLEGE  
SREE SAINATH NAGAR, A.RANGAMPET  
CHANDRAGIRI MANDAL CHITTOOR DISTRICT, A.P.

BALANCE SHEET AS ON 31.03.2020

LIABILITIES	Amount Rs.	Amount Rs.	ASSETS	Amount Rs.	Amount Rs.
Capital Fund of SVET (O.B)	68,03,01,010		<b>FIXED ASSETS:</b>		
Add: Excess of Income over expenditure	2,52,08,027	70,55,09,037	I. Land		13,98,547
Loss on Sale of Vehicle	-		II. Buildings		
Endowment Fund		8,50,000	Gross Block (Sch. III)	50,01,59,155	
<b>Loans &amp; Advances:</b>			Less: Depreciation	29,10,32,656	
I. Secured Loans:				20,91,26,499	
Adhra Bank Term Loan - V	-		Add: Building under constr. (W.I.P)	70,57,92,099	91,49,10,598
Adhra Bank New Term Loan	76,58,36,175		III. Plant/Machinery		
Andhra Bank Vehicles Loan	14,00,235		Gross Block (Sch. III)	61,66,61,530	
HDB Financial Services	-		Less: Depreciation	41,59,47,055	29,07,14,476
ICICI Bank - Vehicle loan & Equipment Loan	57,98,386	77,30,34,796	IV. Equipments-MODROBS:(AICTE)		
			Computers/Accessories and other Equipts - IT	45,01,757	
<b>Other Liabilities:</b>			Lab Equipments-ME	96,470	
Amounts payable	3,18,52,557		Lab Equipments-CSSE	1,79,843	
Provision for Gratuity	7,09,87,521		Machinery/Equipment-EEE	26,77,278	
Professional Tax payable	1,150		Lab Equipments, Computers etc. - ECE	34,85,025	
Undisbursed salaries	1,69,07,670		Computers & other Equipts - GEBH	8,69,106	
Caution Deposit	1,56,44,451		Machinery/Equipment-EIE	26,32,832	
Sundry Creditors (Sche.-I)	3,40,56,400		Lab Equipments - CE	7,83,799	
			Computers & Accessories - MCA	3,49,119	1,55,65,229
Security deposit from Staff	3,00,546		<b>OTHER ASSETS:</b>		
			I. Advances/Deposits :-		
Students Security Deposit	37,68,820		Advances (Sch. II B & C)	8,32,41,085	
Excess fee (Refundable to Students)	1,68,17,452	19,03,36,567	SEED Money Advances[Research & Development] (Sch. II A)	10,50,000	
			Deposits (Sch-III)	6,13,13,665	14,56,14,750
			Amounts Receivable		37,13,88,243
			Pre-Paid Insurance & Expenses		41,76,729
			Pre-Paid Affiliation fee		21,34,600
			II. Cash & Bank Balances :-		
			Bank Balances (Schedule-IV)	1,38,04,636	
			Cash - Exam. Cell	14,591	1,38,19,227
<b>Total</b>		<b>1,66,97,30,401</b>	<b>Total</b>		<b>1,66,97,30,401</b>

  
**PRINCIPAL**  
SREE VIDYANIKETHAN ENGINEERING COLLEGE  
(AUTONOMOUS)  
Sree Sainath Nagar, A. RANGAMPET  
Chittoor (Dist.) - 517 102, A.P., INDIA.

  
**DIRECTOR - FINANCE & ADMINISTRATION**  
**DIRECTOR**  
(FINANCE & ADMINISTRATION)  
SREE VIDYANIKETHAN EDUCATIONAL TRUST  
Sree Sainath Nagar, A. RANGAMPET-517 102  
Chittoor (Dist), A.P.

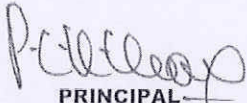
  
**AUDITOR**  
M. RAJASHEKAR REDDY, M.NO. 024011  
B.Sc., M.A., M.Com., F.C.A., D.I.S.A.,  
CHARTERED ACCOUNTANT  
10/80, Royal Nagar, TIRUPATI

SREE VIDYANIKETHAN ENGINEERING COLLEGE

SREE SAINATH NAGAR, A.RANGAMPET  
CHANDRAGIRI MANDAL, CHITTOOR DISTRICT,- A.P.

Schedule II - Advances

S.No.	PARTICULARS	Amount Rs.
A	SEED Money Advances[Research & Development] (Sch.II A)	
1	Dr.Argha Sarkar,Dept of ECE-Adv	1,75,000
2	Dr.B.Sachuthananthan,Dept of Mech-Adv	1,00,000
3	Dr.E Parimalasundar,Dept of EEE-Adv	50,000
4	Dr.K.G.Suma,Dept of CSE- Adv	50,000
5	Dr.M.Baburaj & Dr S.Raghu Nathan,Dept of Mech- Adv	1,60,000
6	Dr,N.Manikandan &J.S.Binoj,Dept of Mech-Adv	1,00,000
7	Dr.R.Vinoth,Dept of Mech- Adv	1,75,000
8	Ms.K.Neelima,Dept of ECE- Adv	1,50,000
9	Dadamiah PMD Shaik-Asst Prof-GEBH-Adv	1,00,000
	Total (A)	10,60,000



PRINCIPAL  
PRINCIPAL

SREE VIDYANIKETHAN ENGINEERING COLLEGE  
(AUTONOMOUS)

Sree Sainath Nagar, A. RANGAMPET  
Chittoor (Dist.) - 517 102, A.P., INDIA.

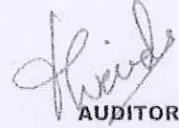


DIRECTOR-FINANCE & ADMINISTRATION  
DIRECTOR

(FINANCE & ADMINISTRATION)

SREE VIDYANIKETHAN EDUCATIONAL TRUST

Sree Sainath Nagar, A. RANGAMPET-517 102  
Chittoor (Dist), A.P.



AUDITOR

M. RAJAGOPAL NAIDU, M.NO. 024819  
B.Sc., M.A., M.Com., F.C.A., D.I.S.A.,  
CHARTERED ACCOUNTANT  
10/80, Royal Nagar, TIRUPATI



# SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet - 517102

## Internally Funded (Seed Money) Project - Details

Project Title : Real time monitoring and fault identification in multilevel inverter fed induction motor drive

Department : EEE

Name of the PI : Dr. E. Parimalasundar

Name of the Co-PI (if any) : Dr. Suresh Babu Daram

Affiliation of PI & Co-PI : Sree Vidyanikethan Engineering College (Autonomous), EEE Department

Year of Funding (Financial year) : 2019-2020 (01-07-2019)

Project Duration : 2 Years

Amount Sanctioned (in Rs.) : Rs. 50,000

Abstract/Brief Summary of the project :

Cascaded H-Bridge multilevel inverters are mostly preferred for adjustable speed electric drives used in industries and hybrid electric vehicles because of their advantages such as low harmonics, flexibility to use a set of batteries or fuel cells or any renewable energy sources in any intermediate stage of inverter and ability to reach desired high voltages. Since multilevel inverters are used in high power and expensive industrial applications, considering the investment cost and safety aspects, it is necessary to develop an accurate fault diagnostic system for carrying out preventive maintenance works. The most common faults occurring in the case of multilevel inverter drive systems are open-circuit or short-circuit in inverter power electronic switches



such as Insulated Gate Bipolar Transistor (IGBT) and Metal Oxide Semiconductor Field Effect Transistor (MOSFET). These open-circuit or short-circuit faults of power electronic switches lead to the system shutdown and high repairing cost. Hence once a fault in the switch occurs, it should be detected at the earliest in order to avoid the operation of drive and motor under abnormal conditions, which may lead to the failure of motor or drive and to major economic losses.

Fault diagnosis of multilevel inverter is a hot research topic and has created lot of interest among many researchers in the development of better fault diagnostic techniques and protection systems. Several techniques have been proposed to identify the faulty switches of inverters based on current measurement and analysis. Since the output current of inverter is dependent on nature of load, accurate fault detection is difficult under low current values. Many researchers developed the fault diagnostic system from the inverter output voltage measurement, because it is independent of load variations. However, only little information is available on the development of real time high performance fault diagnostic system of cascaded H-bridge multilevel inverter.

Inverters are given high priority in many large industrial drive applications. However, the reliability of multilevel inverters is mainly affected by the failure of power electronic switches. In this project, open-switch and short-switch failure of multilevel inverters and its identification using a high performance diagnostic system. In the proposed fault diagnostic system, It is possible to precisely identify the individual faulty switch (may be due to open-switch (or) short switch failure) of inverters which is useful for reliability of system. The main intend of this project is to recognize faulty switch of Five level cascaded H - Bridge Multilevel Inverter within a fraction of millisecond through hardware implementation along with advanced diagnostic techniques. For designing a proper multilevel inverter, it requires many number of

power electronic switches. If any fault occurs in that system, it is difficult to discover faulty power electronic switch.

By implementing these diagnostic techniques, it may give following advantages:

- Switching Losses are minimized.
- High power quality and output waveforms are obtained from inverter.
- Harmonic distortions and ripples are minimized by finding faulty switch.
- The quality of output voltage signal has to be improved from multilevel inverter and reliability of overall drive system is maintained.


Work done till date :

- In the absence of faults, Matlab/simulink is used to simulate the testing of a five-level cascaded multilevel inverter.
- During simulation analysis, faulty output voltage output patterns are inspected for open and short circuits.
- A simulation analysis is used to provide a quote for hardware components.
- Components are bought in order to put the prototype model into action.

Expected Outcomes :

- The faulty power electronic switch has to be identified and changed effectively which is supportive for electric power generation and transmission systems.
- In automotive industries, productivity cannot be affected due to the failure of power converter.
- There is a need for improved fault detection and isolation in power electronic converters for maximizing the reliability of renewable energy sources.

- This system offers a major change in terms of isolating faulty components and reconfiguring the converter in a manner that minimizes power outages.
- The CHB inverter provides a balanced output with low harmonic distortion owing to redundant switching states.
- This proposal will enrich for interfacing of renewable energy resources, industrial motor drives, electric vehicle drives and power grids.



Dr. E. Parimalasundar

(Principal Investigator Name)

Dr. Purnalekshmi, EEE

OUR DEPOSIT SCHEMES AT A GLANCE



SB Account	Age	COVERAGE	Amount of Coverage
SB Diamond Account	05-75 Years	Accidental Death Cover	5,00,000
	18-55 Years	Life Cover	1,00,000
SB Platinum Account	05-75 Years	Accidental Death Cover	10,00,000
	18-55 Years	Life Cover	2,00,000
ASB Account	05-75 Years	Accidental Cover Only	50,000
ASB Plus Account	05-75 Years	Accidental Cover Only	1,00,000
ABG Account	05-75 Years	Accidental Cover Only	1,50,000
ADJ Account	18-55 Years	Accidental and Natural Death Cover	1,00,000
ADJ Plus Account	18-55 Years	Accidental and Natural Death Cover	2,00,000
ADJ Double Plus Account	18-55 Years	Accidental and Natural Death Cover	5,00,000
ADJ Triple Plus Account	18-55 Years	Accidental and Natural Death Cover	10,00,000
AB Kiddy Bank (Plus Khazana)	0-18 Years	For Child - Accidental Cover	1,50,000
	18-70 Years	For Parent / Guardian Cover	1,50,000
AB Argyaan	3 Months-70 Yrs	Renewable Life Long	

★ Andhra Bank (as agent) is not an insurer or a facilitator for the insurance and is in no way liable for any claim. For the name of the insurer & applicable terms and conditions of insurance, policy holder may approach the Branch or refer Bank's website: www.andhrabank.in  
 ★ For the applicable rates of interest contact the Branch or refer Bank's website: www.andhrabank.in

Note: 1. Account holders are requested to maintain sufficient balance in the account for deduction of insurance premium and also verify whether the premium is deducted or not on due dates. Bank will not be responsible for non-deduction of premium due to paucity of their funds in the account.  
 2. While presented for updation of the Pass Book a New Line appear every time at the end of transactions. Acronym/Abbreviations used are provided in the last page.

शाखा /Branch  
 1540 SRI VIDYA NIKETHAN

Comp. No. 11302



BrPh : 0877-2247949  
 IFSC CODE: ANDB0001540  
 MICR CODE: 517011007  
 www.15400andhrabank.co.in

ETIRUPATHI  
 CHITTOR DIST, ANDHRA PRADESH  
 TIRUPATHI

पास बुक PASS BOOK

NOHRA PRADESH -517102  
 खाताधारक का नाम /S REAL TIME MONITORING-KLI

154010100125502

Name of A/c Holder  
 CO SVEC SREE SAI NATH NAGAR  
 पता Address RANGAMPET CHANORAGIRI MD

खाता नंबर  
 Account Code: SOGPG  
 CUST.ID : 59323127

CHITTOO!  
 फोन नंबर /NOHRA PRADESH-517102  
 Phone No.



प्रकार /Mode JOINTLY  
 29-07-2019

दिनांक /Date 29-07-2019 were insured up to Rs 1,00,000 by O/S customer, sub-jointly. Head Office, Salfabad, Hyderabad - 500 004.  
 नामांकन पंजीकृत : हो /नहीं / Nomination Registered : Yes / No Manager's Signature

Dr. Purnima Sundar, B.E.

दिनांक Date	विवरण Particulars	चेक नं. Cheque No.	आहरित राशि Amount Withdrawn	जमा की गई राशि Amount Deposited	खाता शेष Balance	संक्षिप्त हस्ताक्षर Initial
				50000.00	50000.00	
				125.00	50125.00	
			18.00		50107.00	
				416.00	50523.00	
			18.00		50505.00	
			45000.00		5505.00	
			Avail Amt Cr Rs. 5505.00	Eff Bal: Dr Rs. 5505.00		



**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
(AUTONOMOUS)  
SreeSainath Nagar, A. Rangampet - 517102

**Internally Funded (Seed Money) Project - Details**

Project Title : Investigations on Electrochemical Performance of Graphene/Mn<sub>3</sub>O<sub>4</sub> nano films for supercapacitors.

Department : BS & H

Name of the PI : Dr. Dadamiah PMD Shaik

Name of the Co-PI (if any) : Dr M. V. Sasi Kumar

Affiliation of PI & Co-PI : Assistant professor (SL)

Year of Funding (Financial year) : 2019

Project Duration : 18 month

Amount Sanctioned (in Rs.) : Rs 1,00,000/-

Abstract/Brief Summary of the project :

Investigations on Electrochemical Performance of Graphene/Mn<sub>3</sub>O<sub>4</sub> nano films for supercapacitors

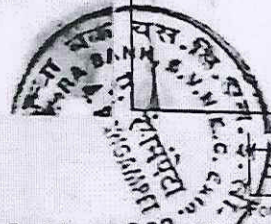
Work Done till date :

The PI Dr. Dadamiah PMD Shaik is on long leave (LOP) and due to covid, the project is in slow pace.

*M.V. Sasi Kumar*

Dr M. V. Sasi Kumar  
(Co-Principal Investigator)

Dr. Dadamwa Shaik; AEBH



OUR DEPOSIT SCHEMES AT A GLANCE

SB Account	Age	COVERAGE	Amount
SB Diamond Account	05-75 Years 18-55 Years	Accidental Death Cover Life Cover	
SB Platinum Account	05-75 Years 18-55 Years	Accidental Death Cover Life Cover	
ASB Account	05-75 Years	Accidental Cover Only	
ASB Plus Account	05-75 Years	Accidental Cover Only	
ABG Account	05-75 Years	Accidental Cover Only	
ABJ Account	18-55 Years	Accidental and Natural Death Cover	
ABJ Plus Account	18-55 Years	Accidental and Natural Death Cover	
ABJ Double Plus Account	18-55 Years	Accidental and Natural Death Cover	
ABJ Triple Plus Account	18-55 Years	Accidental and Natural Death Cover	
AB Kiddy Bank (Kids Khazana)	0-18 Years 18-70 Years	For Child - Accidental Cover For Parent / Guardian Cover	
AB Arogyadan	3 Months-70 Yrs	Renewable life long	

Deposit Schemes RD Account, RD Plus Account Fixed Deposit, Kalpataru Deposits, AB Tax Saver Deposit, AB Freedom AB Double Deposit, AB Money-Time Deposit

- ★ For Further Information and scheme details please contact the nearest branch
- ★ Andhra Bank is merely a mobilizer / facilitator for the Insurance and is no way liable for any claim. For the name of the Insurer & applicable terms and of Insurance, customer may approach the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)
- ★ For the applicable rates of interest contact the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)

Note: 1. Account holders are liable for the account for deduction of Insurance premium and also verify Whether the premium is deducted or not on due date. 2. While processed for updation of account details like Life appear every time at the end of transactions. Acronyms/Abbreviations used are provided in the last page.

शाखा /Branch  
1540 SRI VIDYA NIKETHAN

ETIRUPATHI  
CHITTOR DIST, ANDHRA PRADESH  
TIRUPATHI  
ANDHRA PRADESH -517102

खाताधारक का नाम / Name of A/c Holder  
M/S CENTRE FOR APPLIED SCIENCES

पत्ता Address A RANGAMPET CHANDRAGIRI MD  
CHITTOOR  
ANDHRA PRADESH-517102  
फोन नंबर / Phone No. 919445481096

प्रकार /Mode ALL JOINTLY  
25-07-2019

दिनांक /Date Deposits are insured up to Rs 1,00,000 by the Insurer, Customer, Manager's Signature



पास बुक PASS BOOK



Comp. No.  
BrPh :0877-2247949  
IFSC CODE: ANDB000154  
MICR CODE: 517011007  
bm1540@andhrabank.co

खाता नंबर / A/c No & scheme Code: SBOSP  
154010100125421  
CUST.ID : 59294397

प्रमुख कार्यालय, सैफाबाद, हैदराबाद  
Head Office, Saifabad, Hyderabad

Scanned with CamScanner

दिनांक Date	विवरण Particulars	चेक क्र. Cheque No.	आहरित राशि Amount Withdrawn	जमा की गई राशि Amount Deposited	खाता शेष Balance
Account No: 154010100125421					
06/08/2019	TR FROM 003331043805851			100000.00	100000.00
06/09/2019	Int. Pd: 250719 to 310819			249.00	100249.00
18/09/2019	CS01 SMS Chrgs/Jul-Sep		18.00		100231.00
03/12/2019	Int. Pd: 010919 to 301119			787.00	101018.00
17/12/2019	CS01 SMS Chrgs/Oct-Dec		18.00		101000.00
05/03/2020	Int. Pd: 011219 to 290220			792.00	101792.00
26/03/2020	CS01 SMS Chrgs/Jan-Mar		17.70		101774.30
12/04/2020	Int. Pd: 010320 to 310320			280.00	102054.30
23/06/2020	CS01 SMS Chrgs/Apr-Jun		17.70		102036.60
07/07/2020	Int. Pd: 010420 to 300620			761.00	102797.60
20/09/2020	CS01 SMS Chrgs/Jul-Sep		17.70		102779.90
04/10/2020	Int. Pd: 010720 to 300920			775.00	103554.90
(Date:22-10-2020	Clr Bal: Cr Rs.103554.90		Avail AmtCr Rs.	103554.90	Eff Bal:Cr Rs.103554.90





# SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet – 517102

## Internally Funded (Seed Money) Project - Details

Project Title	:A Comparative Study on Wire Electrical Discharge Machining of Aerospace Materials
Department	: Mechanical Engineering
Name of the PI	:Dr. N. MANIKANDAN
Name of the Co-PI (if any)	:Dr. J. S. BINOJ
Affiliation of PI & Co-PI	:Associate Professor, M.E, SVEC.
Year of Funding (Financial year)	:2019-2020(Extended due to COVID)
Project Duration	:12 months
Amount Sanctioned (in Rs.)	:1,00,000

Abstract/Brief Summary of the project :

**Superalloys are exceptional category of materials that possess excellent properties for various high temperature applications. Superalloys are also known as high performance alloys and extensively predominant that plays a major role in various manufacturing applications. The properties of strength at high temperature, degradation resistance in oxidation and corrosive environments makes the superalloys for prevalent uses in various engineering applications. Due to the favourable properties of superalloys, it has the ability to perform at high temperature applications such as aerospace components, steam turbine power plants, exhaust valves of turbocharger, equipment for heat treatment and petrochemical industries (Pollack and Tin, 2006). High hardness and hot strength, high strain hardening, high shear strength and low thermal conductivity are the properties which makes the nickel based super alloys hard to machine materials.**

Work Done till date :

- **Material Purchased,**
- **Machining completed,**
- **Conference Presentations and publications done,**
- **Microstructural studies under progress,**
- **Paper writing to peer reviewed jnls in progress and**
- **Report writing under progress**

Expected Outcomes :

During the course of research, a good interaction will be made with R & D laboratories working in this field. Machinability analysis and optimization parameters for the selected hard materials will be performed and identified. The encouraging results will be shared with scientific community through conferences and special lectures. Reasonable number of publications will be done in peer-reviewed journals. The encouraging results and new invention will be patented with the help of DST and pilot level work will be planned with industrial sectors either government or private.



(Dr. N. Manikandan)

**Dr. N. MANIKANDAN, M.E., Ph.D. (NIT-T)**  
**Associate Professor**  
**Department of Mechanical Engineering**  
**SREE VIDYANIKETAN ENGINEERING COLLEGE**  
**(Autonomous)**

Sree Sainath Nagar, TIRUPATI-517 102  
Chittoor District, Andhra Pradesh, India



# SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet - 517102

## Internally Funded (Seed Money) Project - Details

<b>Project Title</b>	: Adjacent Error Detection and Correction for Fundus Images
<b>Department</b>	: Electronics and Communication Engineering
<b>Name of the PI</b>	: Ms. Neelima K
<b>Name of the Co-PI (if any)</b>	: -
<b>Affiliation of PI &amp; Co-PI</b>	: Assistant Professor, Department of ECE, SreeVidyanikethan Engineering College, A. Rangampet, Tirupati
<b>Year of Funding (Financial year)</b>	: 2019-20
<b>Project Duration</b>	: One Year
<b>Amount Sanctioned (in Rs.)</b>	: Rs. 1,50,000/-
<b>Abstract/Brief Summary of the project</b>	:

The investigation of clinical reports suggested that more than ten percent patients with diabetes have a high risk of eye issues. In the recent years, there has been a dramatic increase in the number of diabetic patients suffering from diabetic retinopathy (DR). Diabetic Retinopathy (DR) is an eye ailment which influences eighty to eighty-five percent of the patients who have diabetes for more than ten years. The retinal fundus images with disease detected may undergo either shrinkage or enlargement when transmitted in a communication channel. This affects the decision of doctors with wrong diagnosis like the patient may be considered for treatment only with tablets or may be operated with laser treatment even when it is not necessary. To overcome this challenge error detection and correction methods are proposed and applied to the transmitted images for originality.

### **Work Done till date:**

New error detection and correction algorithms are developed, modeled in Verilog HDL and verified.

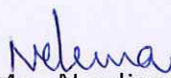
New error detection and correction algorithms are developed, modeled in Verilog HDL and verified.

The image processing is done for gray scale images and the error detection and correction algorithms are applied. The results ensured accuracy in gray scale images.

Still the work is to be completed and ensured for color image processing.

**Expected Outcomes:**

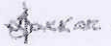
- Development of new Error Detection and Correction Codes.
- Application of these codes to image processing.
- Development of codes to read and write images using Verilog HDL.
- Establishing or using the link between MATLAB and Xilinx Vivado Tools for image processing.
- Implementation of Image Processing algorithms on FPGA.

  
Ms. Neelima K

**(Principal Investigator Name)**

**Details of the Project**

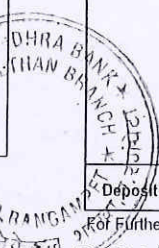
1. Title of Project: **Fabrication and Characterization of Resistive Random Accesses Memories (RRAMs) for Energy Efficient Solution**
  
2. Organization
  - a) Name: Sree Vidyanikethan Engineering College
  - b) Address: Sree Sainath Nagar, Tirupati, Andhra Pradesh 517102,
  
3. Chief Investigator
  - a) Name: Dr. Argha Sarkar
  - b) Designation: Assistant Professor
  - c) Department: ECE
  - c) Address: College Quarters, Sree Vidyanikethan Engineering College Campus, A Rangampet, Tirupati, Andhra Pradesh 517102
  - d) Email: argha15@gmail.com/argha.nit@gmail.com
  
4. Collaboration (if required): Dr. Pinaki Chakraborty, (former Dean R&D, NIT Arunachal Pradesh), HoD & Associate professor, Dept. of Physics, Raiganj University, (Govt. of West Bengal) 733134

  
Principal Investigator

(Dr. ARGHA SARKAR)

Dr. Argho Sarkar, ECE

OUR DEPOSIT SCHEMES AT A GLANCE



Savings	SB Account	Age	COVERAGE	Amount of Coverage
Insurance Linked SB Accounts	SB Diamond Account	05-75 Years 18-55 Years	Accidental Death Cover Life Cover	5,00,000 1,00,000
	SB Platinum Account	08-75 Years 18-55 Years	Accidental Death Cover Life Cover	10,00,000 2,00,000
	ASB Account	05-75 Years	Accidental Cover Only	50,000
	ASB Plus Account	05-75 Years	Accidental Cover Only	1,00,000
	ABG Account	05-75 Years	Accidental Cover Only	1,50,000
	ABJ Account	18-55 Years	Accidental and Natural Death Cover	1,00,000
	ABJ Plus Account	18-55 Years	Accidental and Natural Death Cover	2,00,000
	ABJ Double Plus Account	18-55 Years	Accidental and Natural Death Cover	5,00,000
	ABJ Triple Plus Account	18-55 Years	Accidental and Natural Death Cover	10,00,000
	AB Kiddy Bank (Kids Khazana)	0-18 Years 18-70 Years	For Child - Accidental Cover For Parent / Guardian Cover	1,50,000 1,50,000
AB Arogyadan	3 Months-70 Yrs	Renewable life long		
Deposit Schemes	RD Account, RD Plus Account Fixed Deposit, Kalpataru Deposit, AB Tax Saver Deposit, AB Freedom Deposit, AB Double Deposit, AB Money-Time Deposit			

For Further information and scheme details please contact the nearest branch

\* Conditions apply

- ★ Andhra Bank is merely a mobilizer / facilitator for the Insurance and is no way liable for any claim. For the name of the Insurer & applicable terms and conditions of Insurance, customer may approach the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)
- ★ For the applicable rates of interest contact the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)

Note: 1. Account holders are requested to maintain sufficient balance in the account for deduction of Insurance premium and also to verify whether the premium is deducted or not on due dates. Bank will not be responsible for non-deduction of premium due to paucity of clear funds in the account.

2. While presented for updation of the Pass Book a new line appear every time at the end of transactions. Acronyms / Abbreviations used are provided in the last page.

शाखा / Branch

Comp. No. 11302

1540 SRI VIDYA NIKETHAN



आन्ध्रा बैंक  
देशवासियों का बैंक

Andhra Bank  
Where India Banks

BrPh : 0877-2247949

IFSC CODE: ANDB0001540

HICR CODE: 517011007

bm1540@andhrabank.co.in

ETIRUPATHI

CHITTOOR DIST, ANDHRA PRADESH

TIRUPATHI

ANDHRA PRADESH - 517102

खाताधारक का नाम

Name of A/c Holder

N/S NAND ELECTRONICS RESEARCH FUND

पास बुक PASS BOOK

खाता नंबर 154010100125032  
A/c. No.

पत्ता Address: SREE SAI NATH NAGAR A RANAGAMPETA

CHANDRAGIRI MANDAL

फोन नंबर CHITTOOR

Phone No. ANDHRA PRADESH-517102

प्रकार / Mode 19832659394

AUTHORISED SIGNATORY / CONS. ATTORNEY

दिनांक / Date: 07-02-2019

नामांकन पंजीकृत: हा / नहीं / Nomination Registered: Yes / No



प्रबंधक

Manager's Signature

Scheme Code: SBOGP

CUST.ID : 59199110

प्रधान कार्यालय, सैफाबाद, हैदराबाद - 500 004

Head Office, Saifabad, Hyderabad - 500 004.

Deposits are insured up to Rs 1,00,000 by DICGC per customer, subject to change from time to time

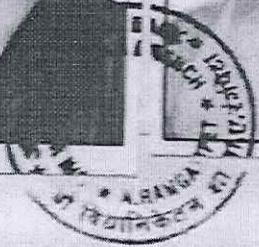
Dr. Argha Sarkar, EOD

दिनांक Date	विवरण Particulars	चेक क्र. Cheque No.	आहरित राशि Amount Withdrawn	जमा की गई राशि Amount Deposited	खाता शेष Balance	संक्षिप्त हस्ताक्षर Initial
06/08/2019 (Date:22-08-2019)	TR FROM 0033310 2019 Clr Bal: Cr	13805851 Rs.175000.00	Avail AmtCr Rs.	175000.00 Eff	175000.00 Cr Bal:Cr Rs.175000.00	
06/09/2019	Int. Pd: 160719 to 310819			436.00	175436.00 Cr	
18/09/2019	CS01 SMS Chrgs/ Jul-Sep		18.00	1377.00	175418.00 Cr	
03/12/2019	Int. Pd: 010919 to 301119		18.00		176795.00 Cr	
17/12/2019	CS01 SMS Chrgs/ Oct-Dec			1329.00	176777.00 Cr	
05/03/2020	Int. Pd: 011219 to 290220		17.70		178106.00 Cr	
26/03/2020	CS01 SMS Chrgs/ Jan-Mar			464.00	178088.30 Cr	
12/04/2020	Int. Pd: 010320 to 310320		17.70		178552.30 Cr	
22/06/2020	CS01 SMS Chrgs/ Apr-Jun			1332.00	178534.60 Cr	
07/07/2020 (Date:14-07-2020)	Int. Pd: 010420 to 300620 2020 Clr Bal: Cr	Rs.179866.60	Avail AmtCr Rs.	179866.60 Eff	Bal:Cr Rs.179866.60	



Dr. Suma, CSK

Account	Age	COVERAGE	Amount of Coverage
SB Classic Account	18-25 Years	Accidental Death Cover	5,00,000
SB Platinum Account	26-35 Years	Life Cover	1,00,000
	36-45 Years	Accidental Death Cover	10,00,000
	46-55 Years	Life Cover	2,00,000
ASB Account	18-25 Years	Accidental Cover Only	50,000
ASB Plus Account	26-35 Years	Accidental Cover Only	1,00,000
ABG Account	36-45 Years	Accidental Cover Only	1,50,000
ABJ Account	18-25 Years	Accidental and Natural Death Cover	1,00,000
ABJ Plus Account	26-35 Years	Accidental and Natural Death Cover	2,00,000
ABJ Double Plus Account	36-45 Years	Accidental and Natural Death Cover	5,00,000
ABJ Triple Plus Account	46-55 Years	Accidental and Natural Death Cover	10,00,000
AB Kiddy Bank (Kiddi Khazana)	0-18 Years	For Child - Accidental Cover	1,50,000
AB Argyadan	18-70 Years	For Parent / Guardian Cover	1,50,000
	3 Months-70 Yrs	Renewable life long	



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 2. While presented for updation of the Pass Book a New Line appear every time at the end of transactions. Acronyms/Abbreviations used are provided in the last page.

शाखा /Branch

1540 SRI VIDYA NIKETHAN

ETIRUPATHI  
CHITTOR DIST, ANDHRA PRADESH

खाताधारक का नाम  
Name of A/c Holder -517102

पता Address

कोन नंबर  
Phone No

प्रकार /Mode  
ANDHRA PRADESH-517102

दिनांक /Date: 919442544040

नामांकन संख्या / No. / Naming on Pass Book



पास बुक PASS BOOK

Comp. No. 11302

BrPh : 0877-2247949  
IFSC CODE: ANDR0001540  
MICR CODE: 517011007  
bm1540@andhrabank.co.in

खाता नंबर  
A/c. No. 54010100125634

Scheme Code: S806P  
CUST.ID : 59335572



प्रधान कार्यालय, सैराबाद, हैदराबाद - 500 004



deposits are insured up to Rs 1,00,000 by DICGC per customer, subject to change from time to time

दिनांक Date	विवरण Particulars	चेक क्र. Cheque No.	आहरित राशि Amount Withdrawn	जमा की गई राशि Amount Deposited	खाता शेष Balance	संक्षिप्त हस्ताक्षर Initial
Account No: 154010100125634						
06/08/2019	TR FROM 003331043805856			50000.00	50000.00Cr	
06/09/2019	Int. Pd: 300719 to 310819			125.00	50125.00Cr	
18/09/2019	CS01 SMS Chrgs/Jul-Sep		18.00		50107.00Cr	
03/12/2019	Int. Pd: 010919 to 301119			416.00	50523.00Cr	
17/12/2019	CS01 SMS Chrgs/Oct-Dec		18.00		50505.00Cr	
05/03/2020	Int. Pd: 011219 to 290220			408.00	50913.00Cr	
26/03/2020	CS01 SMS Chrgs/Jan-Mar		17.70		50895.30Cr	
12/04/2020	Int. Pd: 010320 to 310320			140.00	51035.30Cr	
22/06/2020	CS01 SMS Chrgs/Apr-Jun		17.70		51017.60Cr	
07/07/2020	Int. Pd: 010420 to 300620			381.00	51398.60Cr	
20/09/2020	CS01 SMS Chrgs/Jul-Sep		17.70		51380.90Cr	
04/10/2020	Int. Pd: 010720 to 300920			388.00	51768.90Cr	
20/12/2020	CS01 SMS Chrgs/Oct-Dec		17.70		51751.20Cr	
04/01/2021	Int. Pd: 011020 to 311220			390.00	52141.20Cr	

Date:08-01-2021 Clr Bal: Cr Rs.52141.20 Avail AmtCr Rs.52141.20 Eff Bal:Cr Rs.52141.20 )

Dr. Vinodh.

OUR DEPOSIT SCHEMES AT A GLANCE



SB Account	Age	COVERAGE	Amount of Coverage
SB Diamond Account	05-75 Years	Accidental Death Cover	5,00,000
	18-55 Years	Life Cover	1,50,000
SB Platinum Account	05-75 Years	Accidental Death Cover	10,00,000
	18-55 Years	Life Cover	2,00,000
ASB Account	05-75 Years	Accidental Cover Only	50,000
ASB Plus Account	05-75 Years	Accidental Cover Only	1,00,000
ABG Account	05-75 Years	Accidental Cover Only	1,50,000
ABJ Account	18-55 Years	Accidental and Natural Death Cover	1,00,000
ABJ Plus Account	18-55 Years	Accidental and Natural Death Cover	2,00,000
ABJ Double Plus Account	18-55 Years	Accidental and Natural Death Cover	5,00,000
ABJ Triple Plus Account	18-55 Years	Accidental and Natural Death Cover	10,00,000
AB Kiddy Bank (Kids Khazana)	0-18 Years	For Child - Accidental Cover	1,50,000
	18-70 Years	For Parent / Guardian Cover	1,50,000
AB Arogyadan	3 Months-70 Yrs	Renewable life long	

Deposit Schemes

RD Account, RD Plus Account Fixed Deposit, Kalpataru Deposit, AB Tax Saver Deposit, AB Freedom Deposit, AB Double Deposit, AB Money-Time Deposit

For further information and scheme details please contact the nearest branch.

\* Conditions apply

- ★ Andhra Bank is merely a mobilizer/facilitator for the insurance and is not liable for any claim. For the name of the Insurer & applicable terms and conditions of insurance, customer may approach the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)
- ★ For the applicable rates of interest contact the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)

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2. While presented for updation of the Pass Book a New Line appear every time at the end of transactions. Acronyms/Abbreviations used are provided in the last page.

शाखा /Branch

Comp. No. 11302

1540 SRI VIDYA NIKETHAN



BRPH : 0677-2247949  
IFSC CODE: ANDB0001540  
NECR CODE: 517011007  
bm1540@andhrabank.co.in

ETIRUPATHI  
CHITTOOR DIST, ANDHRA PRADESH  
TIRUPATHI  
ANDHRA PRADESH -517102

पास बुक PASS BOOK

खाताधारक का नाम M/S HEAT TRANSFER IN MOHS

खाता नंबर 154010100125530

Name of A/c Holder

A/c. No.

CO SVED, SREE SAI NATH NAGAR

Scheme Code: SB06P

पता Address A RANGAMPET CHANDRAGIRI MD

CUST ID : 59306832

फोन नंबर CHITTOOR  
ANDHRA PRADESH-517102

Phone No. 919944280433

प्रकार /Mode ALL JOINTLY

दिनांक /Date 16-02-2019

प्रबंधक  
Signature

प्रधान कार्यालय, सेफाबाद, हैदराबाद - 500 0  
Head Office, Sarifabad, Hyderabad - 500 0

गणना/Registration: Yes / No

Dr. Vinodh

क्र. सं.	विवरण Particulars	चेक नं. Cheque No.	आहरित राशि Amount Withdrawn	जमा की गई राशि Amount Deposited	खता शेष Balance	संक्षिप्त हस्ताक्षर Initial
2019	19			175000.00	175000.00	
2019	Int. No. 260719 to 310819			436.00	175436.00	
2019	USD SMS Chrgs. Jul-Sep		16.00		175420.00	
2019	Int. No. 010919 to 301119			1377.00	176797.00	
2019	USD SMS Chrgs/Oct-Dec		18.00		176779.00	
2019	रिजर्व	82807	100000.00		76779.00	
2019	Int. No. 011219 to 300320			1329.00	78108.00	
2019	Int. No. 010320 to 310320			289.00	78397.00	
2020	USD SMS Chrgs. Apr-Jun		17.70		78219.30	
2020	Int. No. 010420 to 300620			584.00	78803.30	
2020	USD SMS Chrgs. Jul-Sep		17.70		78625.60	
2020	Int. No. 010720 to 300920			385.00	79010.60	
2020-12-31	2020 Clr Bal. Cr. No. 19885.60		4881.20	838.00	79010.60	

**Internally Funded (Seed Money) Project - Details**

Project Title	: Study on the use of Methyl Ester of Water Hyacinth as alternate fuel in a Diesel engine
Department	: Mechanical Engineering
Name of the PI	: Dr.B.SACHUTHANANTHAN
Name of the Co-PI (if any)	: DR.KESAVULU
Affiliation of PI & Co-PI	: Sree Vidyanikethan Engineering College
Year of Funding (Financial year)	: 2019-20
Project Duration	: 2 Years
Amount Sanctioned (in Rs.)	: Rs 1,00,000/-(Rupees One lakh only)

Abstract/Brief Summary of the project : Due to the increasing awareness of the depletion of fossil fuel resources and environmental issues, biodiesel became more and more attractive in the recent years. Diesel engines are widely used in light, medium and heavy-duty vehicles like load carriers, tractors, and power generation devices. Any country's development is strongly dependent on the availability of fuels for transportation, agriculture and power generation sectors. For many developing countries like India, meeting the high demand for oil is a major challenge. In this connection there is need to search alternative fuels in place of petrol diesel products. Several alternative fuels are being considered for use in diesel engines. The potential alternative fuels are liquid fuels, like vegetable oils. Biodiesel is one of the alternatives to diesel and petrol fuels. The properties of biodiesels are nearer to diesel fuel, it can be directly used in diesel engines without any modification of

the engine. The objective of the present work is to Extract Biodiesel from Water Hyacinth plants and use it as an alternative fuel for Diesel engine. This Experimental work investigates the performance, combustion and emission characteristics of Diesel engine with water Hyacinth Biodiesel blended with mixtures of Zinc Oxide (ZnO) and Magnesium Oxide (MgO) Nano particles. Owing to the higher surface area/volume ratio characteristics of nanoparticles, the degree of mixing and chemical reactivity are enhanced during the combustion, attaining better performance, combustion and emission attributes of the diesel engine.

Also the higher NO<sub>x</sub> emission arised due to the use of Biodiesel shall be controlled with the use of SCR(Selective Catalytic Reduction Technique) at the exhaust to control the major toxic gases.

Work Done till date :

Installed a 25 liters Biodiesel Manufacturing plant in Our Thermal Engineering Laboratory

Did Experiment on Diesel engine using Methyl Ester of Water Hyacinth Biodiesel as fuel

Did Experiment on Diesel engine using Methyl Ester of Water Hyacinth Biodiesel as fuel with Selective Catalytic Reduction Technique as after treatment technique

Submitted two article for an International conference

११.०

Expected Outcomes :

Determining the suitability of Water Hyacinth plants as a source for Biofuel extraction.

Determining the use of oil extracted from Water Hyacinth as a suitable fuel to run Diesel Engines.



: Dr. B. SACHUTHANANTHAN  
(Principal Investigator Name)

Dr. Sahebhananathan

1540101001255

OUR DEPOSIT SCHEMES AT A GLANCE



SB Account	Age	COVERAGE	Amount of Coverage
SB Diamond Account	05-75 Years	Accidental Death Cover	5,00,000
	18-55 Years	Life Cover	1,00,000
SB Platinum Account	05-75 Years	Accidental Death Cover	10,00,000
	18-55 Years	Life Cover	2,00,000
ASB Account	05-75 Years	Accidental Cover Only	50,000
ASB Plus Account	05-75 Years	Accidental Cover Only	1,00,000
ABG Account	05-75 Years	Accidental Cover Only	1,50,000
ABJ Account	18-55 Years	Accidental and Natural Death Cover	1,00,000
ABJ Plus Account	18-55 Years	Accidental and Natural Death Cover	2,00,000
ABJ Double Plus Account	18-55 Years	Accidental and Natural Death Cover	5,00,000
ABJ Triple Plus Account	18-55 Years	Accidental and Natural Death Cover	10,00,000
AB Kiddy Bank (Kids Khazana)	0-18 Years	For Child - Accidental Cover	1,50,000
	18-70 Years	For Parent / Guardian Cover	1,50,000
AB Arogyadan	3 Months-70 Yrs	Renewable life long	

RD Account, RD Plus Account Fixed Deposit, Kalpataru Deposit, AB Tax Saver Deposit, AB Freedom Deposit, AB Double Deposit, AB Money-Time Deposit

For further information and scheme details please contact the nearest branch

\* Andhra Bank is merely a mobilizer/facilitator for the insurance and is no way liable for any claim. For the name of the insurer & applicable terms and conditions of insurance, customer may approach the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)

\* For the applicable rates of interest contact the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)

Note: 1. Account holders are requested to maintain sufficient balance in the account for deduction of insurance premium and also verify whether the premium is deducted or not on due dates. Bank will not be responsible for non-deduction of premium due to paucity of clear funds in the account.

2. While presented for updation of the Pass Book a New Line appear every time at the end of transactions. Acronyms/Abbreviations used are provided in the last page.

शाखा /Branch  
1540 SRI VIDYA NIKETHAN

ETIRUPATHI  
CHITTOR DIST, ANDHRA PRADESH  
TIRUPATHI  
ANDHRA PRADESH -517102



Comp. No. 11302  
BrPh :0877-2247949  
IFSC CODE: ANDB0001540  
MICR CODE: 517011007  
bm1540@andhrabank.co.in

पास बुक PASS BOOK

खाताधारक का नाम M/S, BIOFUEL EXTRACTION  
Name of A/c Holder  
CO SVEC SREE SAI NATH NAGAR  
पत्ता Address  
4 RANGAMPET CHANDRAGIRI MD  
CHITTOOR  
फोन नंबर ANDHRA PRADESH-517102  
Phone No.  
प्रकार /Mode JOINTLY  
29-07-2019

154010100125573  
खाता नंबर  
A/c No  
Scheme Code: S80GP  
CUST.ID : 59322245




दिनांक /Date: 29-07-2019  
नामांकन पंजीकृत : हाँ / नहीं / Nomination Registered : Yes / No  
प्रधान कार्यालय, सैफाबाद, हैदराबाद - 500 004  
Head Office, Saifabad, Hyderabad - 500 004.

दिनांक Account No: 154010100125573 Date	विवरण Particulars	चेक क्र. Cheque No.	आहरित राशि Amount Withdrawn	जमा की गई राशि Amount Deposited	खाता शेष Balance	संक्षिप्त हस्ताक्षर Initial
06/08/2019	TR			100000.00	100000.00Cr	
06/09/2019	Int. Pd: 290719 to 310819			249.00	100249.00Cr	
18/09/2019	CS01 SMS Chrgs/Jul-Sep		18.00		100231.00Cr	
(Date:30-09-2019	Clr Bal: Cr Rs.100231.00		Avail AmtCr Rs.100231.00		Eff Bal:Cr Rs.100231.00	)
15/10/2019	SELF	45624	50000.00		50231.00Cr	
03/12/2019	Int. Pd: 010919 to 301119			618.00	50849.00Cr	
17/12/2019	CS01 SMS Chrgs/Oct-Dec		18.00		50831.00Cr	
(Date:10-01-2020	Clr Bal: Cr Rs.50831.00		Avail AmtCr Rs.50831.00		Eff Bal:Cr Rs.50831.00	)
05/03/2020	Int. Pd: 011219 to 290220			411.00	51242.00Cr	
24/03/2020	CS01 SMS Chrgs/Jan-Mar		17.70		51224.30Cr	
12/04/2020	Int. Pd: 010320 to 310320			141.00	51365.30Cr	
22/06/2020	CS01 SMS Chrgs/Apr-Jun		17.70		51347.60Cr	
07/07/2020	Int. Pd: 010420 to 300620			383.00	51730.60Cr	
20/09/2020	CS01 SMS Chrgs/Jul-Sep		17.70		51712.90Cr	
04/10/2020	Int. Pd: 010720 to 300920			390.00	52102.90Cr	
(Date:14-12-2020	Clr Bal: Cr Rs.52102.90		Avail AmtCr Rs.52102.90		Eff Bal:Cr Rs.52102.90	)



**Internally Funded (Seed Money) Project- Details**

Project Title	:	Capability investigation of wire electric discharge machine for generating thin sheets
Department	:	Mechanical Engineering
Name of the PI	:	Dr M Baburaj
Name of the Co-PI (if any)	:	Dr S Ragu Nathan
Affiliation of PI & Co-PI	:	Associate Professor, Dept. of Mechanical Engineering, Sree Vidyanikethan Engineering College.
Year of Funding (Financial year)	:	2019-20
Project Duration	:	18 Months
Amount Sanctioned (in Rs.)	:	<b>Rs.1,60,000.00</b> (One Lakh Sixty thousand)
<p>Abstract/Brief Summary of the project: Conventional machining process are now being replaced by non-traditional machining processes due to increasing demands of complex shape geometries with high surface finish. Wire EDM is one such kind of non-traditional machining processes which has wide applications. The growth of the developing countries is majorly depending on contribution of small-scale industries. The cost of the higher end machines is not affordable to them. Most of the small-scale industries are not using higher end machines for producing the products. This project is an attempt to improvise the quality of the product which can be manufactured using lower end wire-EDM machines by modifying the machining strategies and developing new dielectric supply system. This will help to improve the productivity of lower end machines with minimal cost. The modified strategy has to be implemented verified by creating thin stripes from difficult to machine materials. The machined thin strip can be used for making various biomedical implants and devices.</p>		
Work Done till date	:	<ul style="list-style-type: none"> <li>• Material procurement, experimentation and data analysis have completed.</li> <li>• Two international conferences (Presented and published in conference proceedings)</li> <li>• One peer reviewed Journal (Accepted)</li> </ul>
Expected Outcomes	:	<ul style="list-style-type: none"> <li>• Two peer reviewed Journals</li> <li>• Preliminary results for writing proposal for funding agency.</li> </ul>


  
 (Dr S Ragu Nathan, Co-P.I.)

Dr. Raghunathan, M.E. Dr. Baburaj



SB Platinum Account	18-70 Years	Accidental and Natural Death Cover	2,00,000
ASB Account	05-75 Years	Accidental Cover Only	50,000
ASB Plus Account	05-75 Years	Accidental Cover Only	1,00,000
ABG Account	05-75 Years	Accidental Cover Only	1,50,000
ABJ Account	18-55 Years	Accidental and Natural Death Cover	1,00,000
ABJ Plus Account	18-55 Years	Accidental and Natural Death Cover	2,00,000
ABJ Double Plus Account	18-55 Years	Accidental and Natural Death Cover	5,00,000
ABJ Triple Plus Account	18-55 Years	Accidental and Natural Death Cover	10,00,000
AB Kiddy Bank (Kids Kisan) 18-19 Years	18-19 Years	For Child - Accidental Cover	1,50,000
AB Kiddy Bank (Kids Kisan) 20-70 Years	20-70 Years	For Parent / Guardian Cover	1,50,000
	18 Months-70 Yrs	Renewable life long	

RO Account, RD Plus Account Fixed Deposit, Kalpataru Deposit, AB Tax Saver Deposit, AB Freedom Deposit, AB Double Deposit, AB Money-Time Deposit

For Further Information and scheme details please contact the nearest branch

- Andhra Bank is merely a mobilizer / facilitator for the Insurance and is no way liable for any claim. For the name of the Insurer & applicable terms and conditions of insurance, customer may approach the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)
- For the applicable rates of interest contact the Branch or refer Bank's website [www.andhrabank.in](http://www.andhrabank.in)

1. Account holders are requested to maintain sufficient balance in the account for deduction of insurance premium and also verify whether the premium is deducted or not on due dates. Bank will not be responsible for non-deduction of premium due to paucity of clear funds in the account.

2. While presented for collection of the Pass Book a New Line appear every time at the end of transactions. Acronyms/Abbreviations used are provided in the last page.

शाखा /Branch

1540 SRI VIDYA NIKETHAN

ETIRUPATHI  
CHITTOR DIST, ANDHRA PRADESH  
TIRUPATHI  
ANDHRA PRADESH -517102

खाताधारक का नाम / Name of A/c Holder

M/S MIN. THICK SHEET-WEOM-ME

पता / Address

00 SVEC, SREE SAI NATH NAGAR  
CHANDRAGIRI MD

फोन नंबर / Phone No

CHITTOR  
ANDHRA PRADESH-517102

प्रकार / Mode

912143491096  
ALL JOINTLY

दिनांक / Date

24-11-2017



पास बुक PASS BOOK



Comp. No. 11302

BrPh : 0877-2247943  
IFSC CODE: ANDR0001540  
MICR CODE: 51701007  
bm1540@andhrabank.co.in

खाता नंबर / A/c No

154010100125360  
Scheme Code: SB06P  
CUST. ID : 59280398

प्रधान कार्यालय, सैफाबाद, हैदराबाद - 500 004

Dr. Rajkumaran, MB Dr. Baburaj

दिनांक Date	विवरण Particulars	चेक क्र. Cheque No.	आहरित राशि Amount Withdrawn	जमा की गई राशि Amount Deposited	खाता शेष Balance	संक्षिप्त हस्ताक्षर Initial
Account No: 150010100125360						
05/08/2019	TR			160000.00	160000.00Cr	
06/08/2019	Int. Pd: 240719 to 310819			399.00	160399.00Cr	
18/09/2019	CSD1 SMS Chrgs/Jul-Sep		18.00		160381.00Cr	
25/10/2019	NEFT/ANDBN19239713995 /		84547.00		75834.00Cr	
25/10/2019	NEFT Service Charge & GST:		5.50		75828.50Cr	
(Date:29-10-2019	Clr Bal: Cr Rs.75828.50		Avail AmtCr Rs.75828.50	Eff Bal:Cr Rs.75828.50		)
07/11/2019	SELF	952447	1630.00		74198.50Cr	
12/11/2019	NEFT/ANDBN19240229174 /		12046.00		62152.50Cr	
12/11/2019	NEFT Service Charge & GST:		5.50		62157.00Cr	
(Date:13-11-2019	Clr Bal: Cr Rs.62157.00		Avail AmtCr Rs.62157.00	Eff Bal:Cr Rs.62157.00		)
03/12/2019	Int. Pd: 010919 to 301119			1014.00	63171.00Cr	
09/12/2019	SELF	952444	5966.00		57205.00Cr	
(Date:09-12-2019	Clr Bal: Cr Rs.57205.00		Avail AmtCr Rs.57205.00	Eff Bal:Cr Rs.57205.00		)
17/12/2019	CSD1 SMS Chrgs/Oct-Dec		18.00		57187.00Cr	
05/01/2020	Int. Pd: 011219 to 290220			467.00	57654.00Cr	
24/02/2020	CSD1 SMS Chrgs/Jan-Mar		17.00		57636.00Cr	
17/04/2020	Int. Pd: 010320 to 310320			159.00	57795.00Cr	
(Date:04-04-2020	Clr Bal: Cr Rs.57795.00		Avail AmtCr Rs.57795.00	Eff Bal:Cr Rs.57795.00		)

**2017-18**

**SREE VIDYANIKETHAN EDUCATIONAL TRUST**  
SREE SAINATH NAGAR - TIRUPATI - 517 102

Date: 12.02.2018

No: SVET/Advance/SVEC-CSSE/0043/2018

To

The Principal,  
Sree Vidyanikethan Engineering College,  
Sree Sainath Nagar,  
Tirupati.

Sir,

Sub: Sree Vidyanikethan Engineering College - Department of Computer Science and Systems Engineering - Accord of Approval for release of advance of Rs.10,000/- for making IoT Project - Reg.

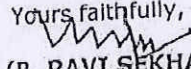
Ref: Your Letter no. Nil, dt. 09.02.2018 from Mr. D N Kartheek, Assistant Professor, Dept. of CSSE, SVEC to The Principal, SVEC.

\* \* \*

With reference to the Note cited, I am to inform you that approval has been accorded to release an amount of ₹ 10,000/- (Rupees Ten Thousand Only) as an advance to meet the expenditure for making IoT Project entitled "Class Time Indicator" in the Computer Science and Systems Engineering Department, Sree vidyanikethan Engineering College by team of 3 members including Mr. D.N. Kartheek, Assistant Professor and 2 nos students in The Department of Computer Science and Systems Engineering, Sree Vidyanikethan Engineering College.

In this connection I am sending herewith the sanctioned advance amount of ₹ 10,000/- by way of Cheque no.007505, dt. 12.02.2018 In favour of "D.N. Kartheek" Assistant Professor, Sree Vidyanikethan Engineering College. You are requested to acknowledge the receipt of the Cheque and handover the same to Mr. D.N. Kartheek, Assistant Professor, Department of Computer Science and Systems Engineering, Sree Vidyanikethan Engineering College and render the account soon after completing the process of Iot Project.


Yours faithfully,

  
(B. RAVI SEKHAR)  
Director (Finance & Administration)

Copy to : The Principal, SVEC.  
: The C.A.O., SVET.  
: The HOD, Dept. of CSSE, SVEC  
: Sri D.N.Kartheek, Asst. Prof. Dept. of CSSE, SVEC.  
: The Head Cashier, SVET.  
: The File.

to  
Mr DNX  
Balaram

  
12/2/18

SAD  


Date: 07-04-2018.

From:

D. N. Kartheek,  
Assistant professor,  
Department of CSSE,  
Sree Vidyanikethan Engineering College,  
A. Rangampet.

To

The Principal,  
Sree Vidyanikethan Engineering College,  
A. Rangampet.

**Sub:** Submission of bills for project activity-reg.

**Ref. No:** SVET/Advance/SVEC - CSSE/0043/2018

This is with respect to completion of project titled "SMART CLASS TIME MANAGEMENT SYSTEM" funded by SVEC management. Initially a sum of Rs.10,000(Ten Thousand Rupees) was released by management of SVEC to the department. In this regard, this is to bring to your notice that the work has been completed and is in deployment stage in the department. In this regard, we are submitting bills for the expenditure. The expenses incurred for the work was 8,272(Eight Thousand Four Hundred and Twenty Two). The remaining amount Rs. 1,728 is returned back along with this letter and bills are also submitted.

Thanking You

Yours Faithfully,



D. N. Kartheek.

forwarded  
B. Venkatesh

**Sree Vidyanikethan Educational Trust 2017-18**

Sree Sainath Nagar, A.Rangampet  
Chandragiri Mandal, Chittoor Dist.

**Bank Payment Voucher**

No. : 1750

Dated : 12-Feb-2018

Particulars	Amount
<b>Account :</b> D.N.Kartheek-Asst Prof- CSSE - Travel Adv	<b>10,000.00</b>
<b>Through :</b> Andhra Bank A/c No:003331043805851	
<b>On Account of :</b> CH.No.007505/12.02.18 Amount paid to 'D.N. Kartheek' towards the advance for IoT Project purpose	
<b>Amount (in words) :</b> INR Ten Thousand Only	
	<b>₹ 10,000.00</b>

Receiver's Signature:

Authorised Signatory



**PotentialLabs**

11nd Floor, 10-2-347/A/7, Asifnagar  
 (Asifnagar - Mehdiapatnam Road)  
 Hyderabad 500028  
 Phone 9030033049  
 India  
 store@potentiallabs.com  
 www.potentiallabs.com  
 GSTIN 36AOPA9791B1ZP

ORIGINAL

**TAX INVOICE**

# Invoice Date : PLINV20170001345 : 03/03/2018  
 Terms : Due on Receipt  
 Due Date : 03/03/2018  
 Place Of Supply : Andhra Pradesh (37)

**Bill To**  
 Charan tej  
 Charan tej  
 D:No 4-19-11D, Sri Krishna Nagar near vaikuntapuram arch, M.R.Palle,  
 AIR By-Pass Road, Tirupati  
 tirupati 517501  
 Andhra Pradesh  
 India  
 Phone: 8885129986  
 India

**Ship To**  
 Charan tej  
 D:No 4-19-11D, Sri Krishna Nagar near vaikuntapuram arch, M.R.Palle,  
 AIR By-Pass Road, Tirupati  
 tirupati 517501  
 Andhra Pradesh  
 India  
 Phone: 8885129986  
 India  
 India

Item & Description	Qty	Rate	IGST		Amount
			%	Amt	
1 Diffused Red 5mm LED (Pack of 25)	1.00	31.00	18%	5.58	31.00
2 Diffused Yellow Led	1.00	31.00	18%	5.58	31.00
3 Green LEDs (Pack of 5)	2.00	8.00	18%	2.88	16.00
4 RGB LED Diffused Common Anode	3.00	15.00	18%	8.10	45.00
5 4 Channel Relay Board (5V) for Arduino and Raspberry pi	2.00	230.00	18%	82.80	460.00
6 Stripper	1.00	63.00	18%	11.34	63.00
7 Arduino Uno - R3 (Latest Revision) - Made in Italy	2.00	340.00	18%	482.40	2,680.00
8 Snap Connector	3.00	10.00	18%	5.40	30.00
9 9V Battery Snap Connector with Power Plug	4.00	20.00	18%	14.40	80.00
10 Propeller - 6cm Dia - Plastic - Four Blades	1.00	15.00	18%	2.70	15.00
11 OLED 0.96" Screen	2.00	365.00	18%	131.40	730.00
12 Buzzer - 3-27 Volt	2.00	25.00	18%	9.00	50.00
13 32 in 1 Screw Toolkit - Screwdriver Set	1.00	195.00	18%	35.10	195.00

Total In Words  
 Rupees five thousand two hundred twenty-two

Terms & Conditions  
 1. Manufacturer's Limited Warranty applicable as provided by them. We provide Manufacturing Defect Warranty on Generic Components. Any Component/Module received is defective or DOA (Dead on Arrival), please notify us for a replacement within 7 days from receipt of Order Package.  
 2. Damages arising due to Customer's negligence or incorrect use or handling of the Component/Module won't be covered under any

Sub Total 4,426.00  
 IGST18 (18%) 796.68  
 Adjustment (-) 0.68  
**Total ₹5,222.00**  
 Payment Made (-) 5,222.00  
**Balance Due ₹0.00**



Embedded Systems and IoT R&D Lab, MakerSpace and Store  
 Regd. Office & Lab: 10-2-347/A/7, 11nd Floor, Asif Nagar Main Road (Mehdiapatnam-Asifnagar Road), Hyderabad-500028, India  
 Retail Store: G-3, D.No: 1-109/20, Bikshpathi Nagar, Kondapur (Adj to RTA Kondapur, Gachibowli-Miyapur Road), Hyderabad-500080, India  
 www.potentiallabs.com Email: store@potentiallabs.com Phone: 0903-003-3049 / 0990-834-2070



## CASH BILL

**WHITE BIRD**

Shop No. 15, SVHSG Complex, Balaji Colony, Tirupati

No. **679**Date: 5/03/18To Principal, SVBC

S.No	Particulars	Qty	Cost	Amount	
				Rs.	Ps.
1	Bread Board (mini) (B19)	1		220	00
2	RC 522, RT 3231	1		760	00
3	Li battery (2032)	1		40	00
4	Jumpin wires (large)			60	00
5	1 inch screws, 2-clamps, bolts nuts, washers, spacers			195	00
6	USB connectors, adapters			680	00
7	plywood			200	00
TOTAL				2155	00

Thanking You.... Visit Again....!

  
 Signature

 Forwarded  
 Poojanend

# SREE VIDYANIKETHAN ENGINEERING COLLEGE

Sree Sainath Nagar, A. Rangampet,  
Chandragiri Mandal, Chittoor Dist., A.P. Pin : 517 102.

Date : 7/4/18

## VOUCHER

Description - Expenditure for carpentry works (cutting, finishing,  
lining, fixing bolts & clamps)  
Paid to Yuvraj & Chavan

Debited to	Amount	
	Rs.	P.
(300) Carpenter	300	00
Total	300	00

(Rupees Three Hundred Rupees Only)

Verified by

Approved

SO/Principal/DF & A

*[Signature]*  
Signature

Builders First Choice

**Goldwin®**

PVC Conduit Pipe

M/s HOD (CSSE), SVEC.



FRLS 4/4/17

S.No.	Particulars	Qty	Rate	Amount
①	A/holder	6NO		210 -
②	sik wire	5NO		50 -
③	2 pipe cap.	2NO		20 -
④	0.5 2.A.M. 20MP.	6NO		246 -
⑤	2 cur wire	3MU		75 -
				<hr/>
				595 -
				<hr/>



**2016-17**

10

Tirupati  
25<sup>th</sup> July 2017

From  
Mr. K. Ayyappa Swamy  
Assistant Professor,  
Dept. of EIE  
Sree Vidyanikethan Engineering College  
Tirupati - 517 102.

To  
The Principal  
Sree Vidyanikethan Engineering College  
Tirupati - 517 102.

[THROUGH PROPER CHANNEL]

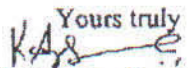
Sir,

Sub: - Expenditure Incurred -- attending presentations on project proposal submitted to TIDE DST - Reg

Dr. V. R. Anitha, Dr. N. Padmaja of ECE and Mr. K. Ayyappa Swamy of EIE were attended the presentations on project proposal submitted to TIDE DST on 13th July 2017 to be held at Indian National Science Academy (INSA), New Delhi. The expenditure incurred towards the Workshop is as follows:

Sl.No	Description	Amount (Rs)
1.	TA	34,419 /-
2.	Accommodation	4,799/-
4.	Other bills	1,283/-
3.	miscellaneous	2,500/-
Total		43,001/-
Advance Received		45,000/-
Amount to be returned		1,999 /-

Thank you  
Encl: Bills

Yours truly  
  
(K Ayyappa Swamy)

आंध्रा बँक

Andhra Bank

33-बालाजीनगर शाखा: तिरुपति - 517 502  
33-Balanagar Branch: Tirupati - 517 502  
PSU CODE : ANDB 001 0033

या धारक को OR BEARER

Payable to

Only Five Thousand Only

अदा करें

₹

45,000.00

003311011000901

Shree Vidyanikethan Residential School



Please sign above

Chairman

Not valid at all branches

AB/CACTS/2014/CG

11938373 517011004

29

10-07-20

Gmail - Confirmation Email

Gmail

ayyappa swamy <ayyappa.kondru@gmail.com>

## Confirmation Email

Yatra.com <donotreply@yatra.com>  
Reply-To: bookings@yatra.com  
To: ayyappa.kondru@gmail.com

Thu, Jun 29, 2017 at 9:50 AM

yatra

Manage Your Booking

Dear kondru swamy,

✓ **Congratulations! Your flight booking is confirmed.**

Booking Reference Number - 2906726113346

Please find your e-ticket attached with this email.



You will earn 1000 eCash for this booking. To know more about eCash and how to redeem it, [Click here](#)

### Flight Details



**Chennai**  
Wed, 12 Jul, 2017 | 19:40  
**Chennai**  
Airport,

**New Delhi**  
Wed, 12 Jul, 2017 | 22:35  
**Indira Gandhi**  
Airport, T-1D

Airline PNR **KGHVTR**  
Duration: 02:55  
Economy  
Non-Refundable

### Passenger Details

Name

Insurance No

Meals

Baggage

Seat No

Mr kondru ayyappa swamy  
(Adult)

NA

NA

15 kgs (Free)

NA

Ms N Padmaja  
(Adult)

NA

NA

15 kgs (Free)

NA

Ms V R Anitha  
(Adult)

NA

NA

15 kgs (Free)

NA



**New Delhi**  
Thu, 13 Jul, 2017 | 19:55  
**Indira Gandhi**  
Airport, T-1D

**Pune**  
Thu, 13 Jul, 2017 | 22:00  
**Lohegaon**  
Airport,

Airline PNR **JCDUJH**  
Duration: 02:05  
Economy  
Refundable

### Passenger Details