

# **CLEAN AND GREEN CAMPUS RECOGNITIONS/AWARDS**

**PARTICIPATION AT NATIONAL LEVEL  
AS  
RECOGNISED SES REC  
(SOCIAL ENTREPRENEURSHIP, SWACHHTA &  
RURAL ENGAGEMENT CELL) INSTITUTION,  
Mahatma Gandhi National Council of Rural Education,  
Department of Higher Education,  
Ministry of Human Resource Development,  
Govt. of India.**



सत्यमेव जयते


# Certificate



Where there is Rural Wellbeing  
there is Universal Prosperity

This is to certify that **SREE VIDYANIKETHAN ENGINEERING COLLEGE** is now a **Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution**. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of **Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery** post COVID-19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of **Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources**.

**Date of Issue: 03-10-2020**

  
**Dr. W G Prasanna Kumar**  
**Chairman**

**Mahatma Gandhi National Council of Rural Education**  
**Department of Higher Education, Ministry of Education**  
**Government of India**

Certificate No.: MoE/SESREC/WB/SEPT/25

**PARTICIPATION AT NATIONAL LEVEL  
IN  
UNNAT BHARATH ABHIYAN 2.0,  
MHRD, Govt. of India  
  
AS  
PARTICIPATING INSTITUTION**



NSS PO &lt;nsspo@vidyanikethan.edu&gt;

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**Welcome Kit and General Guideline of UBA**

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Unnat Bharat Abhiyan <unnatbharatabhiyaniitd@gmail.com>  
To: Unnat Bharat Abhiyan <unnatbharatabhiyaniitd@gmail.com>  
Bcc: nsspo@vidyanikethan.edu

Mon, Oct 29, 2018 at 6:24 PM

Dear Sir/ Madam

Congratulations to all the Participating Institutions selected under Unnat Bharat Abhiyan, a flagship program of Ministry of Human Resource Development (MHRD) Government of India through a challenge mode application. We are glad that you have selected the cluster of villages under Unnat Bharat Abhiyan (UBA) in consultation with the District Collectors.

The next step is to complete the survey of all the villages adopted by you under the program. Please find attached a copy of a template for Baseline Household survey form as well as the Village survey form to be filled in during the field survey. Attempt should be made to cover all Households in the village. One Village survey forms is to be filled for each village. Kindly get it completed in all village survey as soon as possible whereas in respects of household survey by the third week of January 2019. Then the data should be uploaded online on the reporting portal of UBA website from your side. The Reporting Portal' login credentials are same as your registration credential, soon the portal will be activated for uploading the data. After login your login credential and uploaded the baseline survey data on UBA Website for further analysis. After final submission of baseline survey data an analysis report of the data, fed by you will be generated on the UBA Website at your Institute page under Reporting Portal on the home page. You may use same for the preparation of plan of action/ Village development plan/ Technologies intervention for each village.

You are requested to complete PRA exercise of adopted villages for identification of major problems and preparation of a plan of action/ technical interventions. You are advised to kindly contact the village development officer and representatives of villages and organize Gramsabha meeting as soon as possible and identify three major issues to be taken up for village development. You can set short term, medium term and long-term goals for a village development. You should start addressing two or three challenging issues immediately without waiting for household surveys to be completed. These issues should be identified through Gram Sabhas and should ensure public participation in planning and implementation. A template for seeking information regarding plan of action for the key problem identified in villages has been developed. A template for seeking information regarding plan of action for the key problem identified in villages will be available soon on the reporting portal to upload your plan of action. Please find attached copy of PRA report for Nuarnabad village (IIT Delhi adopted village) along with PPT of "Development and Demonstration of Participatory GIS for use by Rural Stakeholders in Watershed

Development. We have already upload some of village development plan on UBA website, please visit the UBA website for more information.

**A tentative time line for its implementation could be as follows.**

Item of work	Time from the date of launch
Selection of the Cluster	One month
Awareness generation	Two months
Social mobilization	Three months
Baseline Survey	Three months
Situation analysis	Five months
Village development plan	Seven months
Approvals and sanctions	Eight months
Implementation in the field	Nine months
Progress Review	One Year

You are also requested to keep IIT Delhi, the National Coordinating Institute updated about your activities so that the same can be uploaded on the website of UBA.

Note: Please put up UBA banner in your institute premises so that interested faculty/student can contact for joining UBA programme (copy attached S.No.-11)

**Regards and best wishes for your institution for contributing to India's development.**

**Encl:**

1. Congratulation letter from IIT Delhi
2. Link of UBA Booklet (<http://unnat.iitd.ac.in/app/webroot/files/brochure.pdf>)
3. MHRD new circular for UBA 2.0
4. MHRD letter to DC
5. How to prepare plan of action
6. Participatory GIS PPT
7. VDP IIT Delhi
8. Village survey form
9. Household survey form
10. SAGY Guidelines.
11. UBA banner for PIs to be put up at a prominent place in your institution.
12. SEG details
13. Guideline for fund utilization

With Regards,

Dr Virendra K Vijay

National Coordinator - Unnat Bharat Abhiyan

IREDA Chair Professor & Head

Centre for Rural Development and Technology,

Indian Institute of Technology Delhi

Hauz Khas, New Delhi - 110016

Phone: +91 11 26591157, 26591121

Email: [unnatbharatabhiyaniitd@gmail.com](mailto:unnatbharatabhiyaniitd@gmail.com), [kvijay@rdat.iitd.ac.in](mailto:kvijay@rdat.iitd.ac.in),

Webpage: <http://unnat.iitd.ac.in/index.php/en/>

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14 attachments

-  **Congratulation letter from IIT Delhi .pdf**  
1051K
-  **Revised UBA OM.pdf**  
715K
-  **MHRD letter for DC's.pdf**  
43K
-  **How to prepare action plan.pdf**  
299K
-  **Participatory GIS\_Nagesh (1).pdf**  
1205K
-  **Village Development Plan Nawrangabad. UBA REPORT.pdf**  
2062K
-  **UBA Household Survey Form, 7th March, 2017 - Copy.pdf**  
472K
-  **Village\_level\_Survey Form, 7th March, 2017.pdf**  
312K
-  **ग्रामीण सर्वेक्षण प्रपत्र.pdf**  
546K
-  **परिवार सर्वेक्षण प्रपत्र 2 - Copy.pdf**  
701K
-  **Final UBA banner for Pls123.pdf**  
118K
-  **SAGYguidelines\_hindi-ilovepdf-compressed.pdf**  
3628K
-  **SEG List -new (1).pdf**  
96K
-  **Guideline for use of UBA funds.pdf**  
8K

**Dr. P.C. Krishnamachary, M.E., Ph.D.**  
Principal

Dt: 03-01-2019

To  
**The District Collector**  
Chittoor District  
Andhra Pradesh

Dear Sir,

**Sub:** Identification of villages under the UBA program.

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Ministry of Human Resources Development (MHRD), Government of India has launched the national program called Unnat Bharat Abhiyan (UBA), with the vision to involve professional and higher educational institutions in the development process of rural areas in the country to achieve sustainable development and better quality of life. Indian Institute of Technology, Hauz Khas, New Delhi has been designated to be the National Coordinating Institute by the Ministry.

Our Institute Sree Vidyanikethan Engineering College bearing AISHE code: C-26929 has agreed to participate in UBA as a Participating Institute (PI). Mr.G.Kuladeep, Dr. Hemadri Prasad Raju and Dr.D.Sreenivasulu, has been duly authorized in this regard from our side to carry on the activities of UBA in our organization as Project Coordinator.

1.	Name	:	<b>Mr. G. Kuladeep</b>
	E-Mail	:	nsspo@vidyanikethan.edu
	Contact number	:	9966047066
2.	Name	:	<b>Dr. Hemadri Prasad Raju</b>
	E-Mail	:	prasadrāju@gmail.com
	Contact number	:	7995124336
3.	Name	:	<b>Dr. D. Sreenivasulu</b>
	E-Mail	:	sreenu2052@gmail.com
	Contact number	:	08309013427

This is to bring to your kind notice that we have proposed to adopt 5 villages in the district (Chittoor District) earlier and now want to change the villages as they were already adopted by our sister institutions and conducting events under NSS and in collaboration with the NGO's.

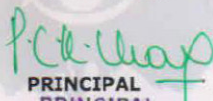
Following are the villages in the district (Chittoor District) we propose to adopt hereafter under the scheme and they were selected based on the primary survey we have conducted till date:

1. Pullaiahgari Palle
2. Pandurangavari Palle
3. Kotala
4. Chinna Ramapuram
5. Kondreddi Kandriga

In view of the above the Project Coordinators may contact your officer for the purpose. We request you to please help and cooperate in the matter.

With regards,

Yours sincerely,

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

☎ Sree Sainath Nagar, Tirupati,  
Andhra Pradesh - 517 102.  
☎ +91-877-3066900/01  
☎ +91-877-2236712/14  
☎ 0877-3066999  
☎ www.vidyanikethan.edu



**Dr. P.C. Krishnamachary, M.E., Ph.D.**

Dt: 19-09-2018

Principal

To

**District Collector**

Chittoor District

Andhra Pradesh

**Sub:** Identification of villages under the UBA program.

Dear Sir,

Ministry of Human Resources Development (MHRD), Government of India has launched the national program called Unnat Bharat Abhiyan (UBA), with the vision to involve professional and higher educational institutions in the development process of rural areas in the country to achieve sustainable development and better quality of life. Indian Institute of Technology, Hauz Khas, New Delhi has been designated to be the National Coordinating Institute by the Ministry.

Our Institute Sree Vidyanikethan Engineering College bearing AISHE code: C-26929 has agreed to participate in UBA as a Participating Institute (PI). Mr.G.Kuladeep, Dr. Hemadri Prasad Raju and Dr.D.Sreenivasulu, has been duly authorized in this regard from our side to carry on the activities of UBA in our organization as Project Coordinator.

- |                |   |                               |
|----------------|---|-------------------------------|
| 1. Name        | : | <b>Mr.G.Kuladeep</b>          |
| E-Mail         | : | nsspo@vidyanikethan.edu       |
| Contact number | : | 9956047066                    |
| 2. Name        | : | <b>Dr.Hemadri.Prasad raju</b> |
| E-Mail         | : | prasadrajuh@gmail.com         |
| Contact number | : | 7995124336                    |
| 3. Name        | : | <b>Dr.D.Sreenivasulu</b>      |
| E-Mail         | : | sreenu2052@gmail.com          |
| Contact number | : | 8978098577                    |

This is to bring to your kind notice that we have proposed the following villages in the district (Chittoor District).

1. Ramireddy Palli
2. Kotala
3. Pullaiahgaripalle
4. Nagapatla
5. Reddivaripalle

In view of the above the Project Coordinators may contact your officer for the purpose. We request you to please help and cooperate in the matter.

With regards

Your Sincerely



**PRINCIPAL**

**SREE VIDYANIKETHAN ENGINEERING COLLEGE  
(AUTONOMOUS)**

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

Copy to UBA IIT Delhi

📍 Sree Sainath Nagar, Tirupati,  
Andhra Pradesh - 517 102

📞 0877-3066900 / 01

0877-2236712 / 14

📠 +91 877 3066999

🌐 www.vidyanikethan.edu

✉ svecp@vidyanikethan.edu

**PARTICIPATION IN NATIONAL LEVEL  
SWACHH CAMPUS RANKINGS OF  
HIGHER EDUCATIONAL INSTITUTIONS  
2018**



# Institutional Swachhta Ranking

All India Survey on Higher Education  
Ministry of Human Resource Development, Government of India



1. AISHE Code	C-26929
2. Name of Institution	Sree Vidyanikethan Engineering College, Tirupathi,
<b>I. PARAMETERS - Swachhta within the campus (90 % weightage)</b>	
<b>1. Toilet cleanliness in hostels, maintenance, water supply, condition of facility, flooring, equipment etc.</b>	
<b>A. Availability of Toilets</b>	
<b>Whether the institution is Residential or Non-residential?</b>	Residential
<b>Residential</b>	
a.1 Total Number of Students in Hostels	1253
a.2 Total Number of Toilets in Hostels	171
a.3 Separate toilet for Differently abled Men & Women	
Hostels Men	No
Hostels Women	No
Administration Block Men	Yes
Administration Block Women	Yes
<b>Non-Residential</b>	
a.1 Total Number of Students in Institution	0
a.2 Total Number of Toilets in Institution	0
Institution Men	No
Institution Women	No
Administration Block Men	No
Administration Block Women	No
<b>B. Availability of Running Water</b>	24 Hrs.
<b>C. Overall Quality of Toilets</b>	
c.1 Flooring and Equipment	Modern
c.2 Exhaust and Air Vents in Toilets	Yes

**Application for Swachh Campus Rankings of Higher Educational Institutions 2018**

**PARTICIPATION IN NATIONAL LEVEL  
COMPETITION  
FOR  
AICTE CLEAN AND SMART CAMPUS  
AWARDS 2020**

The screenshot shows the AICTE Clean Campus Award 2020 portal. At the top, there's a dark blue header with the AICTE logo and the text 'AICTE Clean Campus Award 2020'. Below this, a green message states 'Your application has been submitted successfully!!'. Underneath, a table titled 'Institute Details' lists the following information:

Institute Name	SREE VIDYANIKETHAN ENGINEERING COLLEGE		
Institute Address	SREE VIDYANIKETHAN ENGINEERING COLLEGE, SREE SAINATH NAGAR, ARANGAMPET, CHANDRAGIRI MANDAL, CHITTOOR DISTRICT, PIN: 517 102, ANDHRA PRADESH.		
Organisation Name			
Email Id	svecp@vidyanikethan.edu	Institution Type	
Application Number	1-7022152464	Permanent Institute Id	1-4287165
Region	South-Central	State	Andhra Pradesh
District		Approval Year of First Course	2020
Minority		Women Institute	
NBA As on 10th April 2017		Autonomy As on 10th April 2017	

At the bottom of the page, there's a footer with the copyright notice '© 2019 www.aicte-india.gov | All Rights Reserved' and a watermark 'Activate Windows'.

**PARTICIPATION IN NATIONAL LEVEL  
COMPETITION  
FOR  
AICTE CLEAN AND SMART CAMPUS  
AWARDS 2019**

**Best Practices under Clean and Smart Campus Award 2019**

A report on

**“Best practices followed in environment & sustainability issues impacting all the stake holders”**

Submitted by :-

Institute Name	:	Sree Vidyanikethan Engineering College
Permanent ID	:	<b>1-4287165</b>
Address	:	Sree Sainath Nagar, A.Rangampet, Tirupati – 517102.
Contact Person	:	Dr. Hemadri Prasad Raju, Associate Professor, Dept. of Civil Engineering
Contact No.	:	7995124336

**Part I**

**Abstract:**

The institute has been actively implementing different methods for the conservation of earth's precious resources.

The methods include:

- (i) Energy and water conservation stickers at appropriate places to create awareness among the staff and student community, reuse of discarded containers for construction of buildings,
- (ii) Segregation of wastes at sources as wet-waste and dry-waste, and reuse of dry-waste materials such as iron scraps, wooden planks, e-waste, etc., and converting wet-waste into organic manure,
- (iii) Selling of e-waste, metal and plastic wastes to the recovery and recyclable vendors, food waste to the piggeries, kitchen waste to the vendors for converting into organic manure and construction waste used to fill the low lying areas.

The institute has geared up towards the sustainable development by installing solar energy (500 KW capacity), providing rainwater harvesting pits for every building, growing of creepers on the walls of the buildings besides maintaining lush greenery in the campus (60% of total area), and reuse of grey water for gardens and orchids.

The institute has provided Rain Water Harvesting Pits for each block to improve the ground water table. It has also been growing creepers on walls of the buildings for keeping the buildings at normal temperature during summer.

The institute has further proposed to have digital display boards and television sets for paperless communication apart from the existing inter-telecom services to all departments and laboratories.



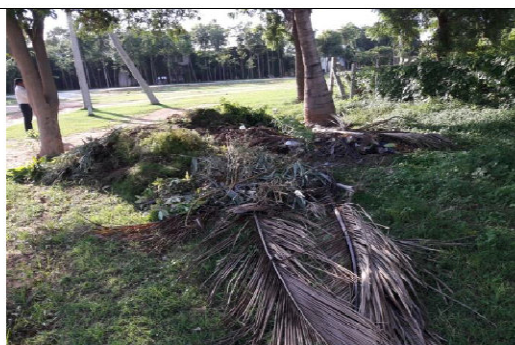
## Part II

### 1. Introduction

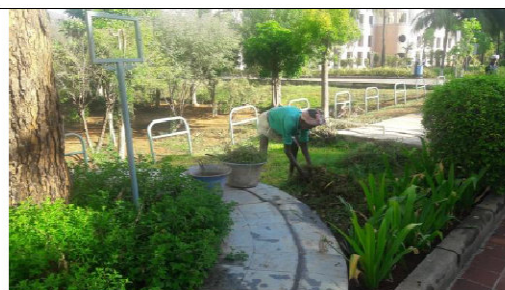
One of the aims of the institute is to conserve natural earth's precious resources for the future generations. The institute is poised for sustainable development through implementation of different conservation methods. These methods include segregation of wet-waste and dry waste. Dry-waste is further segregated as reusable and recyclable materials which include wooden boards and planks, discarded plastic chairs and iron rods, and e-waste. Reusable materials are made use for the various works of the institute and the scraps are sold to respective vendors for recovery and recycling purpose.

The wastes produced from maintenance of gardens and lawns such as fallen leaves, grass and bush cuttings are mixed in the piles of cow dung and composted by using **Windrow composting method**. Kitchen waste is being given to farmers to make organic manure and food waste is given to piggeries.

The following pictures depict the garden and lawn waste and windrow composting:



Wastes collected from Lawns and Gardens



Collection of Garden waste



Gardener collecting waste from bushes



Windrow composting of yard waste mixed with cow-dung



## **2. Eco-friendly ambience**

The creepers grown on the walls of buildings are able to produce temperature 2°C less than the temperature at Tirupati town. This effect is felt especially during summer season. The pictures below show creepers grown on walls of the buildings, garden and lawns being maintained in the campus.



Creepers on walls of staircase leading to Research Centre and Dasari Auditorium



Creepers on walls of West-block building of M-Plaza



Garden and lawn area near new canteen



Garden at the entrance of main gate

Dry wastes such as reusable and recyclable materials which include wooden boards and planks, plastics and metals items, and e-waste are either reused or sold to the respective vendors for the purpose of recovery and recycling. Discarded containers are also purchased for construction of various types of buildings. Using discarded containers, large size shed area of 1114.83 m<sup>2</sup> is built for storage of materials of civil works. One more building, namely Indoor Stadium is being built for using discarded containers. All these well planned activities lead to earth's precious resources conservation by which the institute is contributing to sustainable development.



Storage of discarded plastic, wood and metal items



Storage of electronic waste items



Reuse of discarded iron rods



Reuse of discarded electronic items on the wall (Key Boards)

**Campus maintenance:** The campus has well planned building blocks for various departments and amenities such as water supply and toilet facilities, and dustbin at the entrance of each floor and dustbin in each class room are placed and well maintained. About 40+ employees are working everyday for clean and green maintenance of the campus.



**Use of clean energy and reuse of grey water:** The institute has procured battery operated sweeping equipment and two Battery Operated Club cars (staff and students) which is pollution free and noise free during their operation. Grey water collected in the 2<sup>nd</sup> chamber of septic tank provided at each building is reused for plants and gardens.



Battery operated sweeping equipment

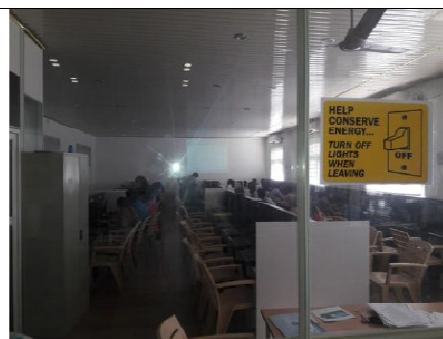


Reuse of grey water for gardens and plants

**Water and Energy conservation awareness drive:** The institute to achieve its one of the objectives 'Sustainable Development' has pasted posters at appropriate places to bring awareness among the staff and students about the importance of water and energy conservation. It has also replaced the florescent bulbs with LED bulbs which saves 70 % of energy considerably.



Poster's Caption –  
'Use Water Wisely'



'Help Conserve Energy, Turnoff Lights when Leaving' – Caption

**Paperless Communication:** The institute has well connected inter-telecom services to all departments and laboratories. The institute also has NIVA software for students' attendance information, registration of co-curricular and extra-curricular activities and participation, and exam results communication, etc. Further, it is now proposing to have digital display boards at each block for communicating and scrolling of events that are taking place in the campus, and scrolling of circulars and notices.



# **SREE VIDYANIKETHAN ENGINEERING COLLEGE**

## **(AUTONOMOUS)**

SREE SAINATH NAGAR, A. RANGAMPET, TIRUPATI – 517 102.

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### **3. Conclusion**

The institute with its installed solar energy (500 KW) is able to contribute its commitment towards pollution free environment. The proposal towards installation of digital display boards and installment of separate energy meters for each building is under process. The use of LED bulbs; battery operated cleaning equipment and club cars; construction of buildings using discarded containers and well maintenance of lush green environment in the campus is a notable commitment towards sustainable development.

**PARTICIPATION IN NATIONAL LEVEL  
COMPETITION  
FOR  
AICTE CLEAN CAMPUS AWARDS 2017**

## AICTE Clean Campus Award 2017

### APPLICATION FORM

#### Institute Information:

Institute Name	SREE VIDYANIKETHAN ENGINEERING COLLEGE		
Institute Address	SREE VIDYANIKETHAN ENGINEERING COLLEGE, SREE SAINATH NAGAR, A.RANGAMPET, CHANDRAGIRI MANDAL, CHITTOOR DISTRICT, PIN: 517 102, ANDHRA PRADESH.		
Organization Name	SREE VIDYANIKETHAN EDUCATIONAL TRUST		
Email Id	svec_principal2005@yahoo.com	Institute Type	Unaided - Private
Application Number	1-3325338519	Permanent Institute Id	1-4287165
Region	South-Central	State	Andhra Pradesh
District	CHITTOOR	Approval Year of First Course	1996
Minority	N	Women Institute	N
NBA As on 10th April 2017	Yes	Autonomy As on 10th April 2016	Yes
Application Submitted On	08-09-2017		

### Application for AICTE Clean Campus Awards 2017



**Inspection by One Man Committee viz. Dr. B. Kotaiah,  
Former Professor of Civil Engineering, S.V.University, Tirupati.**

**PARTICIPATION IN STATE LEVEL  
COMPETITION  
FOR  
AP GREENAWARDS 2017**



## Format of Application for AP Green Awards 2017

**A.P. Urban Greening and Beautification Corporation**  
Plot No.30, Street No.4, Sector No.4, Lotus land mark, Kedareshwarapeta, Ayodhya Nagar,  
Vijayawada-03, www.urbangreening.ap.gov.in, e-mail: apurbangreening@gmail.com  
Phone No. +91 0866 2530833



CATEGORY IV- Schools, Colleges, Universities & Hospitals (PRIVATE & PUBLIC)	
Select category (✓)	
Public	
Private	✓

Name of the School/ College /University/Hospital:	<b>SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)</b>
Area of the school/College/University/Hospital Sq. mts.	<b>30.2 Acres (1,36,936 m<sup>2</sup>) Built Up Area = 45005 Sq.mts</b>

Location with details:	
Address:	SREE SAINATH NAGAR, A. RANGAMPET (P), CHANDRAGIRI (M)
City/Town/Village:	TIRUPATI
District:	CHITTOOR
Telephone/Mobile Number:	08773066900/ 9160999961
Email Id:	<a href="mailto:svecp@vidyanikethan.edu">svecp@vidyanikethan.edu</a>

Contact Person Details	
Person's Name:	Dr. Hemadri Prasad Raju
Designation:	Associate Professor
Mobile Number:	7995124336
Email Id:	<a href="mailto:prasadrāju@gmail.com">prasadrāju@gmail.com</a>

**Application for AP Green Awards 2017**



**PARTICIPATION IN INTERNATIONAL  
LEVEL  
NAE GRAND CHALLENGES SCHOLARS  
PROGRAM,  
National Academy of Engineering, USA**

Grand Challenges - Participating x +

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NAE GRAND CHALLENGES FOR ENGINEERING

Challenges News Community

NAE Grand Challenges Scholars Program Participating Schools

NAE GRAND CHALLENGES SCHOLARS PROGRAM

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Proposal Review Committee

Participating Schools

GCSP Featured Alumni

Graduates

GCSP Annual Meetings

Preparing a Generation to Tackle the Grand Challenges

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Grand Challenges - Participating x +

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SHAPE THE FUTURE

Overview GCSP Annual Meetings GCSP Featured Alumni Proposal Review Committee

NAE Grand Challenges Scholars Program

Vest Scholars Program

Global Summit Student Day

2019 GLOBAL GRAND CHALLENGES SUMMIT

London, UK

September 16, 2019

Previous Summits

@THENAENG #NAEGRANDCHALLENGES

Participating Schools

Schools with Approved GCS Programs

The National Academy of Engineering Grand Challenge Scholars Program is a combined curricular and extra-curricular program with five components that are designed to prepare students to be the generation that solves the grand challenges facing society in this century.

In 2008, the NAE identified 14 Grand Challenges for Engineering in the 21st Century. The Grand Challenges are a call to action and serve as a focal point for society's attention to opportunities and challenges affecting our quality of life. Click on the school name below to see its operational document.

US Schools

ARIZONA STATE UNIVERSITY

AUBURN UNIVERSITY

BOSTON UNIVERSITY

BUCKNELL UNIVERSITY

CATHOLIC UNIVERSITY OF AMERICA

CAMPBELL UNIVERSITY

CLEMSON UNIVERSITY

COLORADO SCHOOL OF MINES

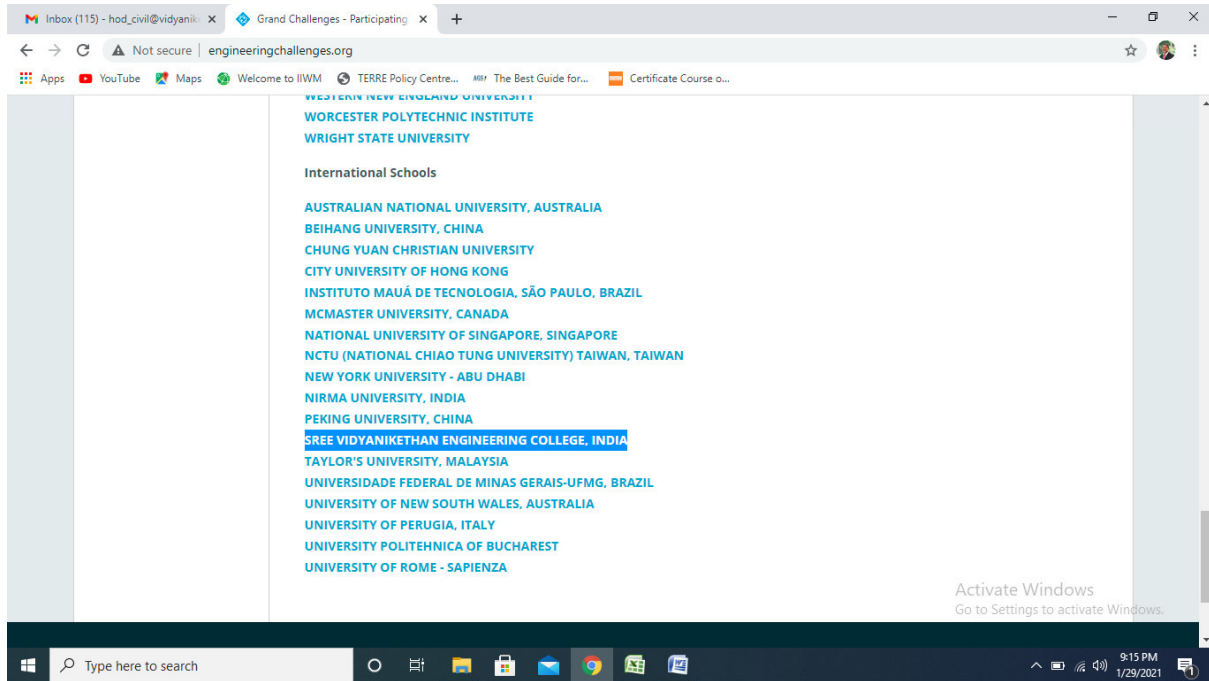
Activate Windows Go to Settings to activate Windows.

https://blockskipad.com/?c=BACHFF18&r=ac&cid=16119122701976803867089847507754201&z=3792515&ict=1&v=5

Type here to search

2:55 PM 1/29/2021

## Participating Schools in NAE Grand Challenges Scholars Program, National Academy of Engineering, USA



## **Sree Vidyanikethan Engineering College Participation in NAE Grand Challenges Scholars Program**

### GCSP Themes in SVEC

Note: Currently, the listed challenges are based on the interests or challenges chosen by the Steering Committee and on performance of students in the screening tests.

GCSP Component	Research	Inter-disciplinary component	Entrepreneurship	Multi-cultural/ Global Dimension	Service Learning
<b>Learning Component</b>					
Team & Individual Project based Learning	<b>Make solar energy economical</b>				
Research courses					
Internships (Technology/Marketing/ Charity)	<b>Provide access to clean water</b>				
Senior Thesis					
Design Contests/Competitions	<b>Secure cyberspace</b>				
Engineering minor courses	<b>Restore urban infrastructure</b>				
Non-Engineering Courses/Ethics/Patenting					
Seminars	<b>Enhancing Virtual Reality</b>				
Industry visits					
Entrepreneurship & Innovation courses					
Curricular Courses					
Outreach Activity					

**Excerpt from GCSP SVEC Planning Report showing the Themes related to Environment, Energy and Sustainability**

**PARTICIPATION AT NATIONAL LEVEL  
IN GREEN MOVEMENT FOR  
SUSTAINABLE BUILT ENVIRONMENT**

**By Establishing**

**Indian Green Building Council Sree  
Vidyanikethan Engineering College  
(IGBC SVEC) Student Chapter**



Indian Green Building Council (IGBC) appreciates

**Sree Vidyanikethan Engineering College (Autonomous)**  
**Tirupati**

for launching IGBC Students' Chapter at their Campus on 28 January 2021

to inspire, instill and imbibe 'Green' approach for a sustainable tomorrow.

  
**Vijaya Sai Meka**  
Chairman  
IGBC / Anantavali Chapter

  
**V Suresh**  
Chairman  
Indian Green Building Council

  
**K S Venkatagiri**  
Executive Director  
CII - IGBC

[www.igbc.in](http://www.igbc.in)



## *Membership Certificate*

*This is to certify that*

**Sree Vidyanikethan Engineering College**

*is an Annual Member of Indian Green Building Council (IGBC)*

*Bearing Membership No IGBCIST210019*

*This certificate shall be valid up to December 2021*

  
**K S Venkatagiri**  
Executive Director  
CII - IGBC

  
**V Suresh**  
Chairman  
Indian Green Building Council

  
**Gurmit Singh Arora**  
Vice Chairman  
Indian Green Building Council

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