



# SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)

Sree Sainath Nagar, Tirupati – 517 102

## **Environmental Consciousness and Sustainability**

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### 7.1.5 Green Campus Initiatives

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### 7.1.5 Green campus initiatives include (4)

7.1.5.1. The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

#### Options:

- A. Any 4 or All of the above
- B. Any 3 of the above
- C. Any 2 of the above
- D. Any 1 of the above
- E. None of the above

#### Upload

- Geotagged photos / videos of the facilities
  - Various policy documents / decisions circulated for implementation
  - Any other relevant documents
- 
- A large number of faculty and students of the institution use the transport provided by the management
  - A small section of the students and staff use public transport also
  - Many of the members of the faculty are encouraged to do vehicle pooling to reduce the vehicular usage and pollution
  - Vehicles are parked away from the academic buildings to reduce the sound and air pollution
  - A small section of non-teaching staff use bicycles for mobility within the campus and nearby
  - Electric cars are available on campus for the benefit of the movement of the people on campus

- The campus possesses well laid roads which are friendly to the inmates of the campus
- Automation of the entire academic and administrative practices are underway which shall reduce the use of paper
- Different types of dustbins are provided on campus to collect the plastic for careful disposal
- Also on all events regular announcements are made to reduce the use of plastics as an awareness exercise
- The entire campus is well maintained with a rich collection of trees and plants that make the environment carbon dioxide free and to maintain inmate's good health.
- The campus is enriched with greenery of 40% of total area which includes landscapes with grass, bushes, trees and ornamental trees by maintaining biodiversity.
- The landscaping is made brilliantly to bring aesthetic sense and ambience to the campus.
- Energy efficient electronic gadgets like 5\* rated air conditioners are used and maintained regularly.
- Unwanted usage of power is discouraged in Institute.
- LED bulbs were used for newly constructed buildings and some of the incandescent and fluorescent tube lights are replaced with LED bulbs. Majority of the class rooms, laboratories, administrative blocks, computer centers, libraries, seminar halls and staff rooms were provided with LED lighting system which are supposed to be the energy efficient. Now, the power consumption through lighting system about 20 percentage is met by LED bulbs.
- Roof Top Solar Power Plant of capacity 500 kVA is installed and it will meet most of the power demand by the institute. There are 5 solar street light systems in the campus installed along the roads.
- Green construction materials and construction practices have been used in the construction of college infrastructure.
- Weather monitoring station is installed to remotely measure and monitor wide range of weather data viz. temperature, rainfall,

wind speed, wind direction, relative humidity and atmospheric pressure.

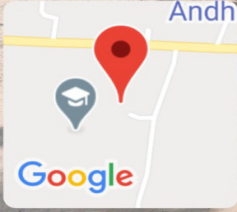
- Posters/Signages on awareness on energy conservation and water conservation are made available in all relevant locations.
- Signages on awareness on preserving greenery in the campus are made available in all relevant locations.
- Campus has Sprinkler Irrigation system for better water infiltration in soil and also to avoid water losses.
- The management of the institute i.e., Chairman and CEO regularly contribute to the cause of green movement by participating in national level campaigns such as Green India Challenge, Swachhta Hi Seva etc.
- Institution has organized outreach activities on green practices for the benefit of society.
- Education on Environment and Sustainability is part of the contemporary curriculum to create awareness among students on environment and sustainability.
- Institute has participated at national level as **Recognized 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 for improving the facilities in the campus and community in the areas of Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery.
- Institute is part of the national level program **Unnat Bharath Abhiyan 2.0, MHRD, Govt. of India** as Participating Institution.
- Institute has participated in Swachh Campus Rankings of Higher Educational Institutions 2018.
- Institute has participated in AICTE Clean and Smart Campus Awards 2020, AICTE Clean and Smart Campus Awards 2019, AICTE Clean Campus Awards 2017 and AP Green Awards 2017.

- Institute is participating in International Level NAE Grand Challenges Scholars Program, National Academy of Engineering, USA as one and only institute from India working on the themes related to environment i.e., make solar energy economical, provide access to clean water and restore urban infrastructure.
- Institute has established the Student Chapter of Indian Green Building Council (IGBC) by name **"IGBC SVEC Student Chapter"** to inspire the student members to create a sustainable built environment for all and facilitate India to be one of the global leaders in the sustainable built environment.
- Institute conducts green audit annually to enhance green practices.
- Institute conducts energy audit annually to improve energy conservation.
- Institute conducts environmental audit annually to enhance environmental friendly practices for managing liquid waste, solid waste, E-waste, bio-medical waste etc. and thereby for clean and green environment.



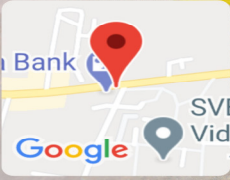
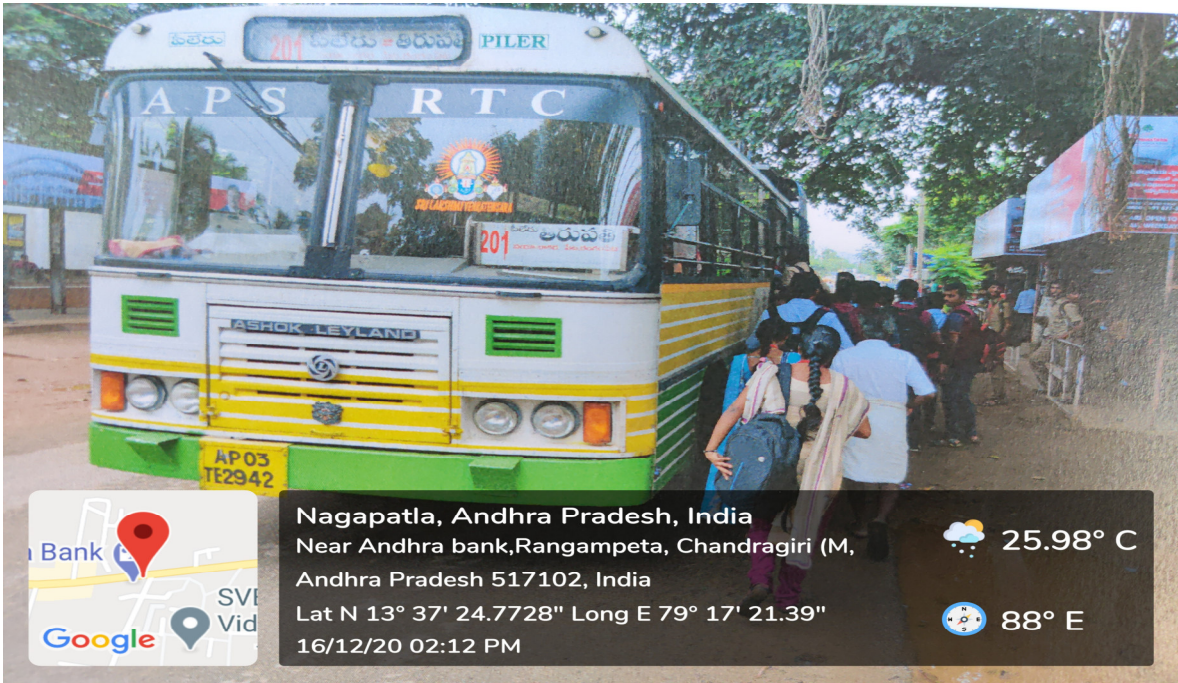
**PRINCIPAL**  
**PRINCIPAL**  
**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**Sree Sainath Nagar, A. RANGAMPET**  
**Chittoor (Dist.) - 517 102, A.P., INDIA.**

# **PUBLIC TRANSPORT**



Nagapatla, Andhra Pradesh, India  
 Sree Vidyanikethan Engineering College, Sree Sainath  
 Nagar, Tirupati, Andhra Pradesh 517102, India  
 Lat N 13° 37' 19.866" Long E 79° 17' 3.0732"  
 10/12/20 11:44 AM

26.0° C  
 164° S



Nagapatla, Andhra Pradesh, India  
 Near Andhra bank, Rangampeta, Chandragiri (M,  
 Andhra Pradesh 517102, India  
 Lat N 13° 37' 24.7728" Long E 79° 17' 21.39"  
 16/12/20 02:12 PM

25.98° C  
 88° E

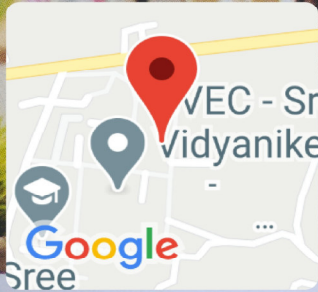
**Public Transport Facility**



**Public Transport Facility**



# **COLLEGE TRANSPORT**



Nagapatla, Andhra Pradesh, India

Sree Vidyanikethan Engineering College,  
Sree Sainath Nagar, Tirupati, Andhra  
Pradesh 517102, India

Lat N 13° 37' 20.6004" Long E 79° 17'  
27.3372"

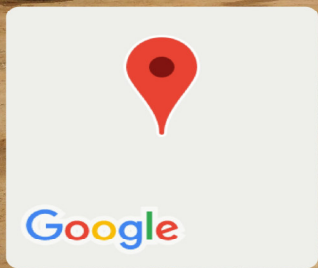
21/01/21 02:55 PM



0.0° C



116° SE



Narasinga Puram, Andhra Pradesh, India

Narasinga Puram, Andhra Pradesh  
517102, India

Lat N 13° 37' 40.1844" Long E 79°  
16' 52.428"

20/01/21 01:14 PM



24.0° C



29° NE

### Bus Transport Facility

# **VEHICLE POOLING**



**Vehicle Pooling**

**CAR PARKING FACILITY  
TO AVOID  
AIR AND NOISE POLLUTION**



**Car Parking Facility away from the Academic Buildings to avoid Sound and Air Pollution**

**TWO WHEELER PARKING  
TO AVOID  
AIR AND NOISE POLLUTION**

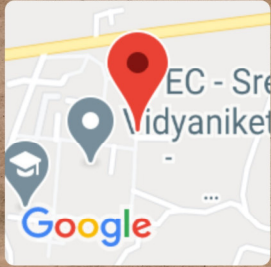


**Two Wheeler Parking Facility away from the Academic Buildings to avoid Sound and Air Pollution**





**-NO-  
VEHICLE  
ENTRY**  
BEYOND THIS POINT



### Nagapatla, Andhra Pradesh, India

Sree Vidyanikethan Engineering College, Sree Sainath

Nagar, Tirupati, Andhra Pradesh 517102, India

Lat N 13° 37' 19.8912" Long E 79° 17' 27.9564"

22/01/21 12:24 PM



31.0° C



87° E

**CIRCULARS ON  
POLLUTION FREE CAMPUS**



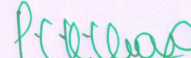
SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)  
Sree Sainath Nagar, Tirupati-517 102

No. SVEC/2019

Dt: 16-12-2019

**CIRCULAR**

To incorporate environmental friendly practices inside the campus, students, faculty and staff members, who are residing near the college, are suggested to commute by bi-cycles as they are smoke-free. Also, in order to enhance the cleanliness of the campus, all are asked to make use of trash bins. Students, faculty and staff members are requested to cooperate.

  
PRINCIPAL

Copy to : Director; Vice-Principal; **Deans** : Academics, Examinations, Training & Placements, IIIC;  
**HODs**: CSE, CSSE, IT, EEE, ECE, EIE, CE, ME, with a request to arrange to circulate  
among **all class rooms**  
Mr. G. Kuladeep, NSS Program Officer; Librarian; EA to Chairman; Logistic Officer;  
All Notice Boards; Mess Manager, SVET; Hostel Notice Boards;  
SAO; ARO; SWO; CAO; Director (Q&D), Director (F&A), Advisor cum Director, SVET



SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)  
Sree Sainath Nagar, Tirupati-517 102

No. SVEC/2019

Dt: 02-07-2019

**CIRCULAR**

With regard to vehicle parking, students and staff members commuting by bicycles are asked to park their bicycles in the two-wheeler parking, adjacent to the college entrance. Staff members commuting by four wheelers are requested to park their cars in the left side of the main entrance. Students, faculty and staff members are requested to cooperate.

  
PRINCIPAL

Copy to : Director; Vice-Principal; **Deans** : Academics, Examinations, Training & Placements, IIIC;  
**HODs**: CSE, CSSE, IT, EEE, ECE, EIE, CE, ME, with a request to arrange to circulate  
among **all class rooms**  
Mr. G. Kuladeep, NSS Program Officer; Librarian; EA to Chairman; Logistic Officer;  
All Notice Boards; Mess Manager, SVET; Hostel Notice Boards;  
SAO; ARO; SWO; CAO; Director (Q&D), Director (F&A), Advisor cum Director, SVET

No. SVEC/2020

Dt: 24-12-2020

**CIRCULAR**

In order to make our campus more "Eco Friendly" (by reducing the air and noise pollution) and to reduce the congestion of vehicles in the campus, it is decided to permit the students to travel by college bus only with immediate effect. In the same line faculty and staff members are also requested to minimize the use motorized vehicles and they are encouraged use battery operated vehicles and vehicle pooling.

Students, faculty and staff members are requested to cooperate.



**PRINCIPAL**

**Copy to :** Vice-Principal; **Deans :** Academics, Examinations, Training & Placements, IIIC;  
**HODs:** CSE, CSSE, IT, EEE, ECE, EIE, CE, ME, with a request to arrange to circulate  
among **all class rooms**  
Mr. G. Kuladeep, NSS Program Officer; Librarian; EA to Chairman; Logistic Officer;  
All Notice Boards; Mess Manager, SVET; Hostel Notice Boards;  
SAO; ARO; SWO; CAO; Director (Q&D), Director (F&A), Advisor cum Director, SVET

No. SVEC/2021

Dt: 16-08-2021

**CIRCULAR**

In order to make our campus more "Eco Friendly" by reducing air and noise pollution and to reduce the congestion of vehicles in the campus, it is decided to permit the students to travel by college bus only with immediate effect. In the same line faculty and staff members are also requested to minimize the use motorized vehicles and they are encouraged use battery operated vehicles and vehicle pooling.

Students, faculty and staff members are requested to cooperate.



**PRINCIPAL**

**Copy to :** Vice-Principal; **Deans :** Academics, Examinations, Training & Placements, IIIC;  
**HODs:** CSE, CSSE, IT, EEE, ECE, EIE, CE, ME, with a request to arrange to circulate  
among **all III & IV B.Tech class rooms**  
Mr. G. Kuladeep, NSS Program Officer; Librarian; EA to Chairman; Logistic Officer;  
All Notice Boards; Mess Manager, SVET; Hostel Notice Boards;  
SAO; ARO; SWO; CAO; Director (A&R), Director (F&A), Advisor cum Director, SVET