



Sri Sri University

Learn Lead Serve

CLIMATE ACTION

13 CLIMATE
ACTION



Energy Uses,
Energy Conservation,
Low Carbon Energy,
Climate Change Education

SDG-13 Progress Report -2021



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ABOUT US

Sri Sri University was established as a State Private University in Odisha, India which started its first academic year in 2012 and has been envisioned by Global Humanitarian, Gurudev Sri Sri Ravi Shankar ji. The University offers a range of pivotal, unique, and cutting-edge undergraduate, and postgraduate degree programs under eight Faculties, short-term, diploma, and certificate courses, and Doctoral studies (Ph. D.), that offers the best of the East and offers the best of the West.

The impressive list of undergraduate programmes offered at Sri Sri University includes B. Sc. (Data Science), B. Sc. (Osteopathy), B. Sc. (Psychology & Contemplative Studies), B. Sc. (Food, Nutrition, and Dietetics), B. Sc. (Agri-business), Bachelor in Interior Design, etc., and that of post graduate programmes offered includes M.Sc. Osteopathy (first time in Asia), MBA (Entrepreneurship), MBA (General Management), MBA (Agri-Business Management), M.Com., M.A./M.Sc. in Psychology and Contemplative Behaviour, M.Sc. Environment Science, B. Tech. & M. Tech. (Artificial Intelligence & Machine Learning), etc.

Located in a sprawling 188- acre green lush campus, Sri Sri University takes pride in offering a curriculum that enriches both domain expertise and life skills. It provides a unique social culture that nurtures a rich learning environment and aids excellence in students through its virtually smoke-free, alcohol-free, drug-free, and completely vegetarian campus. The University defines Excellence as an academic process of motivating the students to learn in ways that make a sustained, substantial, and positive influence on how they think, act, and feel which defines our core value of Learn-Lead-Serve.

Sri Sri University has been ranked by Times Higher Education World University Impact Rankings on Sustainable Development Goals (SDGs) in the band of 601-800 based on all 17 SDGs. In the top four individual SDGs, Sri Sri University was ranked in the band of 101-200 for SDG 12: Responsible Consumption & Production. For the SDG 2: Zero Hunger, SDG6: Clean Water & Sanitation, and SDG7: Affordable and Clean Energy stand in the band of 201-300. Sri Sri University has been ranked 1st in Odisha, 6th in India, and 248th in the world as per UI Green Metric Awards World University Rankings 2021 which is a quantum jump from 2020's ranking which was 3th in Odisha, 7th in India, and 304th in the world.

Being from the parentage of the Art of Living, one of the largest volunteer-based organization in the world, and given the stature of the work of our founder Poojya Gurudev Sri Sri Ravi Shankar ji in the last four decades, we aspire to contribute in finding solutions to the problems faced by the world at large by way of conflict resolution, agriculture, Arts & Crafts, etc. Few of our initiatives in this regard includes the creation of Sri Sri University Resource Centre for Climate Change & Sustainability Education & Practices, Sri Sri Advanced Global Centre for Conflict Resolution and Peace Studies, and Sri Sri Centre for Advanced Research in Water Resources and Environment Management, to name a few.



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HIGHLIGHTS



Generation of low carbon energy



Smart building



Butterfly species



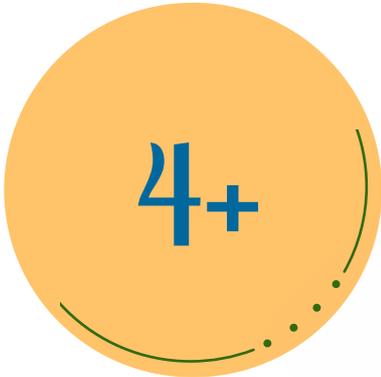
Energy Efficient Appliances



Solar Lights



Solar Power Training Center



Green Awards

Sustainable Development Goals

SDG 13 (Climate Action) addresses the issues of climate change, the measures related to the adaptive response, climate change education, and good practices to combat climate change. The climate change is most debatable global concern among the scientists, ecologists, common man, and governments. The consequences of the climate change are directly affecting the people. The fundamental question is that how we can contribute to climate change at individual, institutional, national and global level.

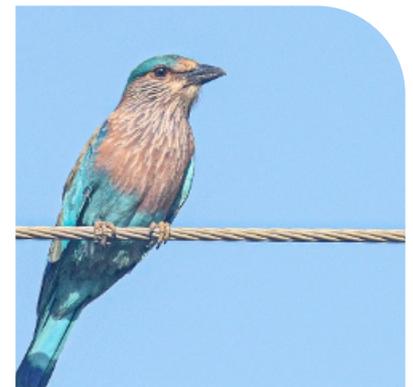




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Introduction

Climate action (SDG13) is concerned to the measures used to combat Climate change. The climate change is the most debatable and globally concerned aspect. The agenda 2030 focuses mainly on the climate change, therefore, all other sustainable development Goals (SDGs) are directly and indirectly related to the SDG13 (Climate Action). The people from all parts of the world are experiencing the impacts of climate change in the forms of rise in sea level, retreating glaciers, changing weather pattern, changing rainfall pattern, and extreme climatic events, etc. Energy uses is mainly responsible for the climate change across the world. The situation is becoming more drastic due to coupling of impacts of climate change and other man induced actions like pollution, ocean acidification, etc.

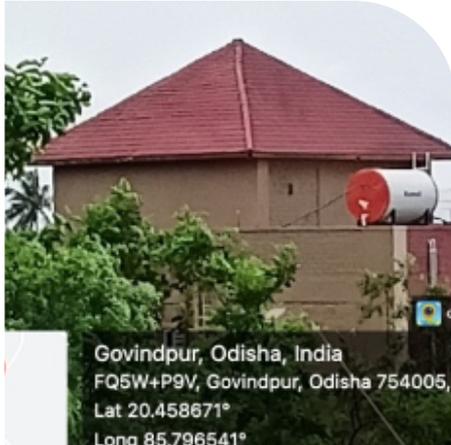


The major concern is how to combat climate change at the global, national, institutional and individual levels. The key objectives of SDG13 aim to improve the carbon credits, use of the renewable sources of the energy, sustainable use of the energy sources, etc. As a part of sustainable development goals, Sri Sri University has been applying various energy conservation measures, which include use of solar energy, use of solar street lights, use of electric vehicles and many other energy saving measures. The University is committed to replace the conventional source of energy with renewable source of energy in phased manner. All such measures are important to combat climate change. In order to comply with such activities, the University has Energy Audit, Green Audit, and Environmental Audit reports in place. In addition, the University has Energy Use Policy, Energy Pledge, and Climate Action Plan in place.



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Low Carbon Energy Use



Govindpur, Odisha, India
FQ5W+P9V, Govindpur, Odisha 754005,
Lat 20.458671°
Long 85.796541°



Govindpur, Odisha, India
Sri Sri Vihar, PO: Godisahi B.O, Ward No 1, Banki Rd,
Govindpur, Odisha 754006, India
Lat 20.453512°
Long 85.797638°
01/09/22 02:18 PM

This parameter essentially addresses the issues of the energy uses like low carbon energy tracking, low carbon energy use, low carbon energy sources, and total energy use. The energy uses is the major driver of climate change. To meet the goals of agenda 2030, there is urgent need of the replacement of conventional sources of energy with the renewable and low carbon energy. Sri Sri University has been using the various measures of renewable energy sources and low carbon energy sources. An 8 Kw solar panels generating 35 units of electricity per day has been installed in the campus and shortly it will be enhanced (Plate 13.2a). There are provisions of solar street lights in the campus (Plate 13.2b). The hostels and faculty residence are facilitated with Solar Water Heater and Air Sourced Water Heater (Plate 13.2c). Other electric appliances and whites goods are used in the campus are energy efficient and energy saving. The university is committed to conserve the energy and to replace the non-renewable source.

Sri Sri University is committed to replace the conventional sources of energy with renewable sources of energy in phased manner. It essentially contributes to the carbon credits in the campus. The low carbon energy harnessed in the university is measured regularly. In addition, University uses various other energy efficient appliances and white goods to save the energy.



Govindpur, Odisha, India
FQ4W+H88, Govindpur, Odisha



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Environmental Education Measures

This metric essentially addresses the educational aspects of climate change, which includes educational programmes, climate action plan, co-operative planning for climate change disaster, collaboration with NGO, etc. Sri Sri University has initiated an under graduate course (B.Sc.) on the Environmental Science under the Faculty of Science. The idea of the initiation of the course on Environmental Science revolves around not only the academic but other environmental activities. A reasonable part of academic syllabus of Environmental Science, viz. Natural resources management and sustainable development, Ecology and Climate Change, Biodiversity and Climate Change, Environmental pollution, Environmental Legislation and Policy, Atmospheric Processes and Climate Change, Energy and Environment, etc. is directly related to the climate change. The aspects of Climate Change, especially impacts of climate change on agriculture have also been included in the academic syllabus of Agriculture. These courses and activities will enhance the ability of students and youth to apply this knowledge and proficiency to find solutions relating to environmental concerns of varied dimensions of present times. In addition to the academic programme, there are various other activities like webinar, solar training outreach programme, beach cleaning programme, exhibition of solar bus in the campus, etc. which not only educate the people but raise an awareness





SRI SRI KAUSHAL VIKAS KENDRA
SRI SRI UNIVERSITY CAMPUS

SRI SRI VIKAS, WARD NO.3, BOYISHPUR, ARILO, CUTTACK, ODISHA PIN-751004

SOLAR AND ELECTRICIAN TRAINING

ADMISSION OPEN FOR

SOLAR TECHNICIAN

COURSE DURATION : 3 MONTHS

Eligibility: Minimum 10th Pass,ITI any Trade
Diploma & B.Tech (Any Branch)



ASSISTANT ELECTRICIAN

COURSE DURATION : 3 MONTHS

Eligibility: Minimum 8th Pass,
ITI (Any Trade), Diploma (Any Branch)

PLACEMENT ASSISTANCE

(Complementary)
Happiness Programme
of The Art of Living

For Admissions and more details contact:
 Mob No- 9853535657, 9821293223, 9438329367,
 E-mail- este@srisriuniversity.edu.in



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Environmental Education Measures

Sri Sri University has organized events related to the disaster management in collaboration with National Institute of Disaster Management (NIDM) and faculty have participated in the event organized by NIDM (Plate 3). Also, different programmes were organized on the occasion of World Water Day and World Ocean Day by different Departments and Centre of Sri Sri University.

MANGROVES AND DISASTER RISK REDUCTION
25th March, 2022
(11am to 1 pm)

Patron
Shri. Taj Hassan (IPS)
Executive Director, NIDM, New Delhi

Programme Chair
Prof. Anil K Gupta
Head, ECDRM, NIDM, New Delhi

Coordinator
Dr. Sweta Baidya
Consultant, NIDM, New Delhi

Speakers
Dr. Sanjay Deshmukh
Professor of Life Sciences,
Former Vice Chancellor
University of Mumbai, Mumbai

Dr. R. Ramasubramanian
Director
Coastal Systems Research
M.S. Swaminathan Research Foundation
Chennai

Directly organized by
Sri Sri Institute of Professional Studies, Lucknow &
National Institute of Disaster Management, New Delhi

Registration at:
<https://training.nidm.gov.in>

University has an energy conservation pledge in place. The issues of zero emission are addressed in the pledge. Sri Sri University is committed to use 100% renewable sources of energy by generating own solar power by 2030. The University has formulated a Climate Action Plan, implemented in the campus. Climate Action Plan is a detailed and strategic framework for measuring, planning, and reducing greenhouse gas (GHG) emissions and related climatic impacts. The climate action plan covers the areas of waste management, efficient use of energy, water conservation, development of green campus, and climate change education. Regarding the climate change disaster, Sri Sri University has developed a mechanism to inform or to support the local government. Sri Sri University has identified some state and national level NGOs working in the area of environment. The NGOs are well connected to the local communities and are involved in various activities. Sri Sri University has developed networks with these NGOs and conducts various environmental activities like environmental awareness, plantation drive, water conservation, waste management, etc.



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Commitment to Carbon Neutral University

Sri Sri university is most focused on the use of low-carbon and renewable sources of the energy. It is reflected in the action of the university. The university has been replacing all energy consuming systems like infrastructure facilities, energy uses, water consumption system, transport system with low-carbon or renewable energy in a gradual manner (Plate 4).

The University has a well-defined policy for energy efficiency standards on builds. The objective of policy is to reduce the Carbon emissions, to optimize the electricity consumption and minimize the wastage and to use energy efficient fixtures and reduce the running cost. University has an energy conservation pledge in place. The issues of zero emission are addressed in the pledge.

Sri Sri University has its Energy Audit, Green Audit and Environmental Audit Reports in place and is committed to follow the recommendation of report.



Awareness Programmes

Individuals can play an important role in combating climate change. An awareness campaign is needed to explain how one can contribute to combating climate change by changing the standard of living, lifestyle and behaviour. Sri Sri University has developed a mechanism to raise the awareness through clubs' activities (Eco- club, Farmers Club, Birding Club), organizing events (seminars, webinars, actions, etc.) on the occasions of World Environment Day, World Water Day, World Ocean Day, etc. The actions include plantation on the community land, river bank cleaning, beach cleaning, cycle rallies etc.





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GOOD PRACTICES

The good practices do not require many resources and additional funds but play a significant role in protecting the natural resources including biodiversity. The good practices in Sri Sri University include:

- Students and staff are encouraged to use zero emission vehicles. For zero emission vehicles, there is no parking charges
- Use of shuttles (including electric vehicles) inside the campus for staff at no cost so that staff could avoid their private vehicles
- Provision of vehicle pass for the students to minimize the density of vehicles
- Provision of parking charges to minimize the number of vehicles in the campus
- Regulation plantation in the university campus
- Awareness campaign regarding the waste disposal
- Smoking is completely prohibited inside the university campus