





SRI SRI UNIVERSITY

World University Rankings 2023



Affordable clean energy, Renovation of building, Solar energy, Energy





Sri Sri Ravi Shankar said, "Green energy is the only way we can sustain our planet".



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, postgraduate degree programs under eight Faculties, short-term, diploma, and certificate courses, 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.

Sustainable Development Goals:

SDG7 aims to ensure access to affordable, reliable, sustainable and modern energy for all. The world is making good progress on increasing access to electricity and improving energy efficiency. However, millions of people throughout the world still lack such access, and progress on facilitating access to clean cooking fuels and technologies is too slow. In addition, a survey conducted in selected developing countries revealed that one quarter of the health facilities surveyed were not electrified, and another quarter had unscheduled outages, affecting their capacity to deliver essential health services. Such deficiencies weaken the health system's response to the current health crisis.

The target outline below focuses on the efficient use of natural resources and on boosting sustainable energy sector expertise through targeted capacity development. Our solar energybased training programme provides leading on-the-job education for emerging energy planners and to rural youth. And by exploring overlapping natural resource use, our research is determining integrated practices to improve energy efficiency and resource recycling, making modern energy production cleaner and more affordable.

Targets:

Goal 7.2: University measures towards affordable and clean energy

- Goal 7.2.1 Energy-efficient renovation and building
- Goal 7.2.2 Upgrade buildings to higher energy Efficiency
- Goal 7.2.3 Carbon reduction and emission reduction Process
- Goal 7.2.4 Plan to reduce energy consumption
- Goal 7.2.5 Energy wastage identification
- Goal 7.2.6 Divestment policy

Goal 7.3 Energy use density Goal

Goal 7.3.1 Indicator: Energy usage per sqm



Goal 7.4 Energy and the community

- Goal 7.4.1 Local community outreach for energy efficiency
- Goal 7.4.2 100% renewable energy pledge Year: 2019 or 2020
- Goal 7.4.3 Energy efficiency services for industry
- Goal 7.4.4 Policy development for clean energy technology
- Goal 7.4.5 Assistance to low-carbon innovation

Introduction:

"In alignment with the 2030 Agenda for Sustainable Development, Sri Sri University (SSU) in Cuttack continues its unwavering commitment to a sustainable future that ensures equality and ample resources for all. Since its establishment in 2012, SSU has remained dedicated to fostering positive societal impact, not only through its academic initiatives but also by inspiring its students to champion sustainability in their own capacities.

As an institution with the power to drive change, SSU actively engages with policymakers, industry leaders, businesses, NGOs, media, students, and academic scholars to explore and implement collaborative solutions and innovations aimed at reducing power consumption, promoting renewable energy production, and contributing to the global pursuit of a sustainable world order. Our dedication to Sustainable Development Goal 7 (SDG-7), which focuses on affordable and clean energy, remains at the forefront of our mission.

At SSU, our commitment to sustainability extends beyond rhetoric and embraces practical actions. Our campus is a living laboratory for sustainable practices, with numerous SDG-7 related activities and initiatives spanning research, innovation, teaching, operations, outreach, and partnerships. We have undertaken efforts to categorize our academic offerings, matching our courses to relevant aspects of SDG-7, creating a comprehensive sustainability course inventory. Additionally, we are in the process of categorizing student engagement, including community-based learning, further embedding sustainability principles in our educational ethos.

As we move forward into this year, Sri Sri University remains dedicated to advancing SDG-7 and contributing to a cleaner, more sustainable energy future. We are resolute in our mission to shape not only informed minds but also responsible global citizens committed to creating positive change for our planet and its people."



Report design:

For Sustainable Development Goals-7 there are five categories of information:

- Research on clean energy
- University measures towards affordable and clean energy
- Energy use density
- Energy and the community
- News

Research on clean energy:

The university has collaborated with The India Office of Nobel Peace Laureate Vice President of USA Al Gore's The Climate Reality Project (TCRP), USA and Sparsh Foundation, JK Paper Mills Ltd, Odisha, with inspiration from Gurudev Sri Sri Ravi Shankar, whose work and initiatives are taken at the global stage by the Art of Living Foundation and the local point by the Sri Sri University in areas solar power, green campus, and optimal use of energy, etc.

University measures towards affordable and clean energy:

- Sri Sri University are committed to follow the prevailing energy efficiency standards in India for our renovation and constructions of buildings. The policy for energy efficiency standards for builds has been aimed to decrease the Carbon emissions, to optimize the electricity consumption and minimize the wastage and to use energy efficient fixtures and reduce the running cost.
- The relevant measures include the buildings designed for reduced heat absorption and temperature control, natural ventilation, lighting and natural laterite stone for construction, smart classes, use of LED lights in the hostels, use of local materials for the construction.



A report for Times Higher Education Impact Ranking, 2023



• To enhance the energy efficiency, the 8Kw solar panels is installed in the campus, which generate 35 units of electricity every day and approx. 13000 units per year.



 Total 75 solar lights are used in the University campus. Total generation from solar street lights is measured to be 35 units per day = Approx. 13,000 units per year.



Here are the key energy-saving measures that have been implemented at SSU from 2022 to 2023:

Appliances	Total Number	Total number energy	Percentage (%)
		efficient appliances	
Lamp	4964	4800+164 added in between	100%
		2022-23(LED Lamps)	
Fans	2375	2300+75 added in between	100%
		2022-23(BLDC Motor)	
		Total Percentage	100%



• Sri Sri University pays close attention to monitor energy consumption at the campus area. There are energy meters in every building to monitor the electrical consumption.





- SSU has taken several step to prevent the electricity from leakage as well as monitor the unnecessary use of AC, light, fan in different buildings.
- How SSU has keep in balanced the energy consumption with increase in population

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	0	Apr-19-Mar	Apr 20-Mar	Apr 21- Mar	July-22-June	
		20	21	22	23	
	Units 🛛	1811035	800000	1869698	2557617	
	Price	12711429	7647662	13713258	18743352	
Units Price						



	July-22	Aug-22	Sept-22	Oct-22	Nov-22	Dec-22	Jan-23	Fab-23
Total kWh	190861	192923	231131	187618	181933	174060	162918	181716
Total Cost (in Rs.)	1398913.73	1414520.69	1694331.23	1374562.94	1332965.89	1275720.80	1194092.94	1331964.28
	Mar-23	April-23	May-23	June-23	Total			
Total kWh	258109	266967	288927	240454	2557617			
Total Cost (in Rs.)	1890678.97	1956526.11	2117113.21	1762929.82	18743352.41			

1. Total electricity consumption from Apr-19-Mar 20 is 1811035 kWh

- 2. Total electricity consumption from Apr 20-Mar 21 is 800000 kWh
- 3. Total electricity consumption from Apr 21- Mar 22 is 1,869,698 kWh
- 4. Total electricity consumption from July 22- June 23 is 2557617 kWh

Energy use density:

Total electricity consumption from July 22- June 23 is 2557617 kWh = 9,206.2212 GJ

Building area of university buildings (square meters): 77289.66

Electricity consumption per square metre in 2023 = 9,206.2212 /77289 =0.11GJ/m2

Definition: Floor area of SSU's buildings (Sq. mtrs)

Energy and The Community:

In the spirit of contributing to the field of sustainable energy, SSU University is coordinating activities with other organization to promote joint academic and technical endeavours, keeping in view the following scope of collaboration.

1. Renewable Energy Generation/Harvesting: Adopting Clean and Sustainable Energy, such

as- Solar renewable energy sources.





2.Carbon Reduction and Emission Reduction Process: When it comes to removing human caused emissions of the greenhouse gas carbon dioxide from Earth's atmosphere, trees are a big help. Through photosynthesis, trees pull gas out of the air to help grow their leaves, branches, and roots. Our university organizes plantation drives throughout the year inside the campus as well as in nearby localities. Our university ranks 6th in India and 238th in the world in the UI Green Metric World University Rankings. Various other process that helps in reduction of carbon are

- 1. Eco-Friendly Transportation
- 2.Bicycle Usage
- 3.Electric Vehicles
- 4.Natural Gas Adoption
- **5.Tree Plantation**



3.Energy Audit and Management: Exchange of procedures and ideas for Energy Audit and Management in the Institutions.

4.**Training program on Renewable Energy systems:** In the premises, the SSU is collaborating with its technology partner, Schneider Electric, on course development and implementation for the training of professionals and students on solar energy systems. This centre also provides training to Rural Youth on Solar energy, which is getting traction from renewable energy market.

A. SOLAR TECHNICIAN								
Year	Batch No	St. Dt	End Dt.	No of Student	Total students per Year			
2022	001-2022	02-06-2022	03-09-2022	19	24			
	002-2022	18-07-2022	18-10-2022	15	54			
2023	003-2023	13-02-2023	13-05-2023	19	40			
	004-2023	21-08-2023	20-11-2023	21	40			



				Total	74
В.	ASSISTANT E	ELECTRICIAN			
2022	001-2022	14-11-2022	27-12-2022	17	17
2023	002-2022	21-06-2023	04-08-2023	16	16
				Total	33

Grand Total 107





Solar Technician Practical Class



- NSDC- PMKVY 4.0 Project with a Target of 240:

The Ministry of Skill Development & Entrepreneurship (MSDE), Govt. of India, implemented its flagship skill development scheme of Government of India - **Pradhan Mantri Kaushal Vikas Yojana 4.0 (PMKVY 4.0).**

With the roll-out of the National Education Policy (NEP) in 2020, there has been a renewed focus on vocational skill training imparted by schools and higher education institutes, thus integrating mainstream academics with practical vocational skill

Sri Sri University having all the requisite infrastructure and a registered Training Partner of National Skill Development Corporation, **received a target of 240 from NSDC-PMKVY 4.0** under the Skill Hub Initiative scheme for the period **Mar-Jul 2023.**

News:





Description

Sri Sri Centre for Advance Research on Water **Resources and Environmental Management has** organized a workshop on Climate Change workshop, Mitigation. In this B.Sc Environmental Science (Hons.) students attended the event and interacted with experts in sustainable production. The workshop focused on sustainable production and a practical approach to climate change.





MEMORANDUM OF UNDERSTANDING

THIS MEMORANDUM OF UNDERSTANDING IS EXECUTED

AT SRI SRI UNIVERSITY on 07.07.2023

BETWEEN

The Institution of Green Engineers (IGEN) (Registered under Societien Registration Act 27 of 1975, wide Registration No: CN/SR/36320 hermanifier referred to an IGEN) having: its registered office at FL RPN, Ambatur, Chernat/58, India, Canada and Australia, (www.theigen.org) represented by its President Prof. Dr. L. RAMESH, which expression shall, unless registrart to the meaning or context thereof, be deemed to include its/their successors, heirs, and administratora, hereinafter referred to as the PARTY OF THE FIRST PART

AND

Sri Sri University (SSU), Ward No 3, Sandhapur, Godisahi, Cuttack, Odisha-754006, (Hereinafter called to as SSU) a State Private University established by Sri Sri University Act-2009 by Odisha State Legislative Assembly, has been founded by His Helmess Gurudev Sri Sri Ravi Shankar a global humanitarian and thought leader in Yoga and

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Workshop on Climate change, women. Certificate of energy literacy and their adaptive capacity. Interaction of students of Sri Sri University with village women

The Institute of Green Engineer signed a MOU with Sri Sri University on 7/7/23 towards the development of sustainable goal.