Upgrade buildings to higher energy efficiency

SR University (SRU) has adopted a proactive approach toward **energy conservation and sustainable infrastructure** across its 162-acre green campus. More than **80% of all electrical and electronic appliances** used on campus are energy-efficient.

The university has systematically replaced conventional fluorescent lighting with **LED bulbs and panels**, covering all academic blocks, hostels, corridors, and outdoor spaces. **5-star rated air conditioners and refrigerators**, **BLDC ceiling fans**, and **motion-sensor-based streetlights and washroom fittings** have been installed to minimize energy wastage. Additionally, **automatic water overflow meters** and **sensor-fitted taps** ensure water and electricity are optimally used.

Procurement policies mandate purchasing **5-star or Energy Star-certified equipment** only. Regular **energy audits** by Staunchly Management and System Services Limited authorized by IAF are carried out to monitor power consumption and suggest efficiency improvements.

By integrating **smart automation and energy-efficient technologies**, SR University not only reduces its carbon footprint but also strengthens its commitment to the **UN Sustainable Development Goals (SDG 7 – Affordable and Clean Energy)**. The enclosed photographs provide evidence of SRU's campus-wide energy efficiency initiatives that foster an environmentally responsible academic ecosystem.

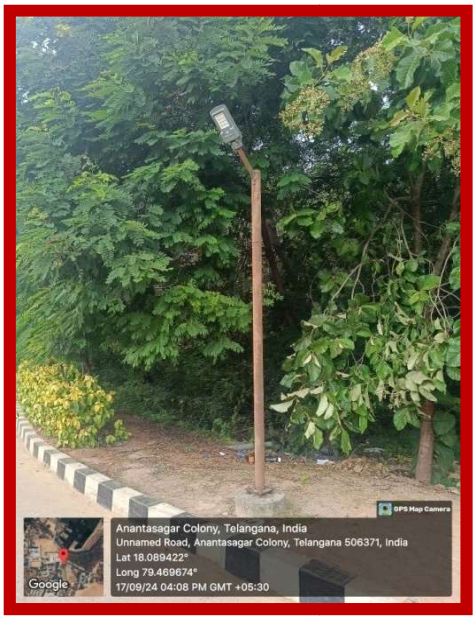
Appliance	Total Number	Total number energy efficient appliances	Percentage
Lamps	3300	2920	88.48
Fans	4163	3285	78.91

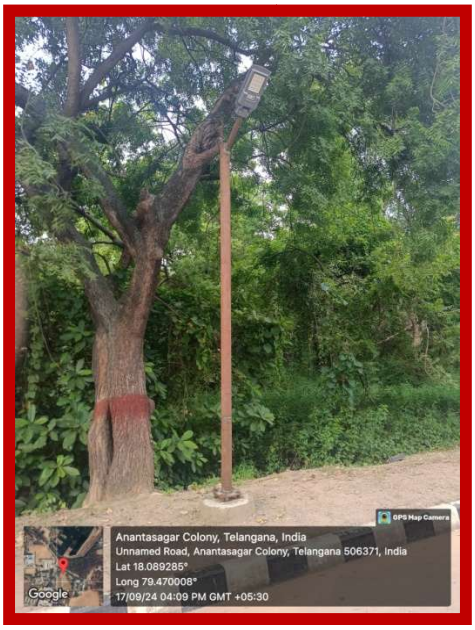
Sensor-based energy conservation:
The institution implements the following energy-saving measures through sensor-based technology for conservation.

1. Sensor based Water tank Overflow Alarm
2. Sensor Based Solar Streetlight System
3. Sensor Based Water Taps

Sensor based Water tank Overflow Alarm

Sensor Based Water Tap





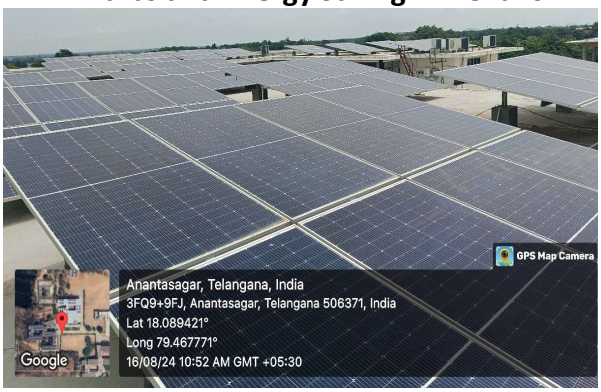
Sensor Based Solar Street Light

Use of LED bulbs/power-efficient equipment:

The classrooms and office rooms in the academic blocks of SRU are furnished with BLDC (Brushless Direct Current Motor) fans and LED (Light Emitting Diode) lights.

Design Thinking room with LED bulbs

LED Bulbs and Energy Saving BLDC fans



Solar Panels

Carbon reduction and emission reduction process

SR University (SRU) has implemented a comprehensive **Carbon Reduction Program** that addresses all three emission scopes outlined by international sustainability frameworks. The program reflects the university's deep commitment to environmental stewardship and aligns with its vision of creating a sustainable, low-carbon campus.

Under **Scope 1**, SRU minimizes direct emissions by maintaining a well-serviced fleet of university vehicles to reduce fuel combustion, prohibiting open burning, and phasing out refrigerants containing CFCs. The campus's "No-Idle" transport policy and periodic emission checks ensure compliance with clean air standards.

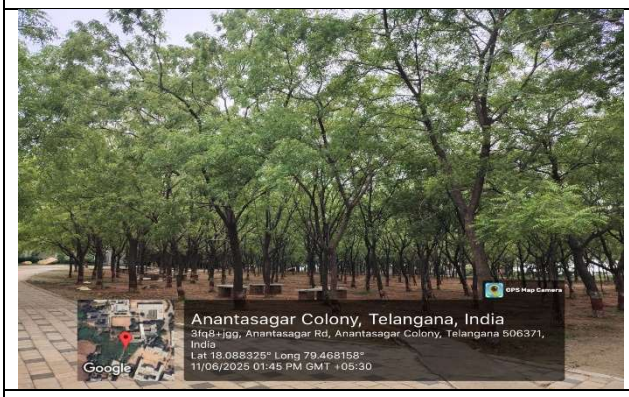
In **Scope 2**, SRU offsets purchased electricity through an expanding network of **solar power installations**, contributing to nearly **34% of the university's total energy use**. Smart lighting systems, LED retrofits, and energy zoning further reduce electricity consumption. The integration of renewable energy sources directly supports India's national climate goals and Sustainable Development Goal 13 (Climate Action).

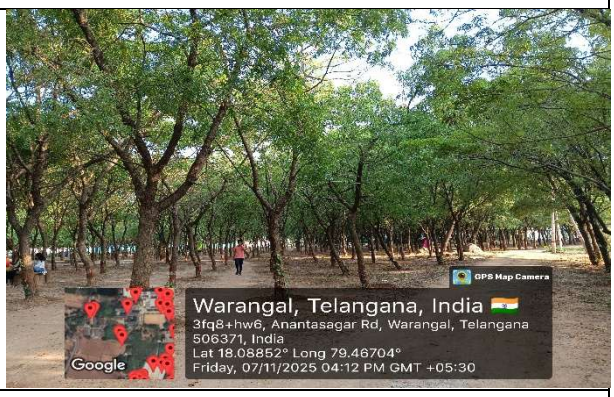
For **Scope 3**, SRU actively reduces indirect emissions through a series of behavioral and infrastructural interventions promoting **carpooling and ride-sharing**, providing **designated bicycle lanes**, and **reducing parking spaces** to discourage private vehicle use. The university also manages waste effectively through segregation, composting, and recycling, minimizing methane emissions from landfills. Digital meetings and reduced official air travel further contribute to emission cuts.

To strictly implement the above, SRU is implementing policies related to **green campus, energy, environment, water and waste management, construction, sustainable materials, and travel**. Collectively, these initiatives represent a **systemic, multi-scope approach** to carbon management, positioning SR University as a model institution committed to achieving a **carbon-resilient campus ecosystem**.

Scope	Category	Action / Initiative	Expected Impact
1	Direct emissions	Reduced fuel combustion through periodic vehicle maintenance	Lower CO_2 emissions
		CFC-free air-conditioning maintenance	Reduced refrigerant leakage
2	Purchased electricity	Installation of solar PV panels	34% renewable energy contribution Reduced grid dependency
		LED-based lighting & automation	Reduce power consumption
3	Indirect sources	Waste reduction, recycling, composting	Lower methane and microparticulates from landfills
		Carpooling, public transport encouragement	Reduced commuter emissions
		Reduced air travel, online meetings	Lower long-distance travel emissions

Solar Panels





Neem Trees

Transport Facilities

Battery Powered Vehicles

Bicycle usage

Plan to reduce energy consumption

SR University (SRU) demonstrates a strong commitment to renewable energy integration, achieving **34.52% of its total annual energy consumption from renewable sources**. The campus operates multiple green energy systems, including a **solar photovoltaic power plant**, a **biogas generation unit**, and a **biodiesel power production facility**, collectively contributing over **5,62,200 kWh** annually.

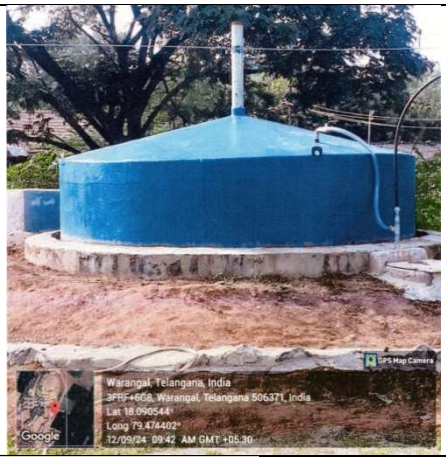
The **solar power system**, consisting of rooftop panels, supplies a significant portion of the university's electricity demand, powering academic blocks, hostels, and administrative offices. The excess power of **39742 kWh** is **given back to the grid**in 2024. The **biogas plant**, fueled by biodegradable waste from campus canteens and hostels, produces clean energy used for cooking and heating applications. The **biodiesel unit** converts used cooking oil into biofuel, further supporting SRU's sustainable energy goals.

To ensure efficient utilization, SRU continuously monitors energy generation and consumption through **digital meters and performance dashboards**, allowing real-time energy management. Regular energy audits verify the consistency of renewable energy contributions and inform annual optimization plans.

By integrating renewable energy systems with its sustainability framework, SR University not only reduces its **carbon footprint** and **dependency on grid electricity** but also enhances awareness among students and staff about the importance of sustainable living. This initiative aligns with **SDG 7 (Affordable and Clean Energy)** and **SDG 13 (Climate Action)**, reinforcing SRU's leadership in campus sustainability and environmental stewardship.

No	Renewable Energy	Production (in kWh)
1	Biodiesel	100
2	Biomass	500
3	Solar panel	561600
	Total	**562200**

Biodiesel Generator Unit



Biogas Production Unit

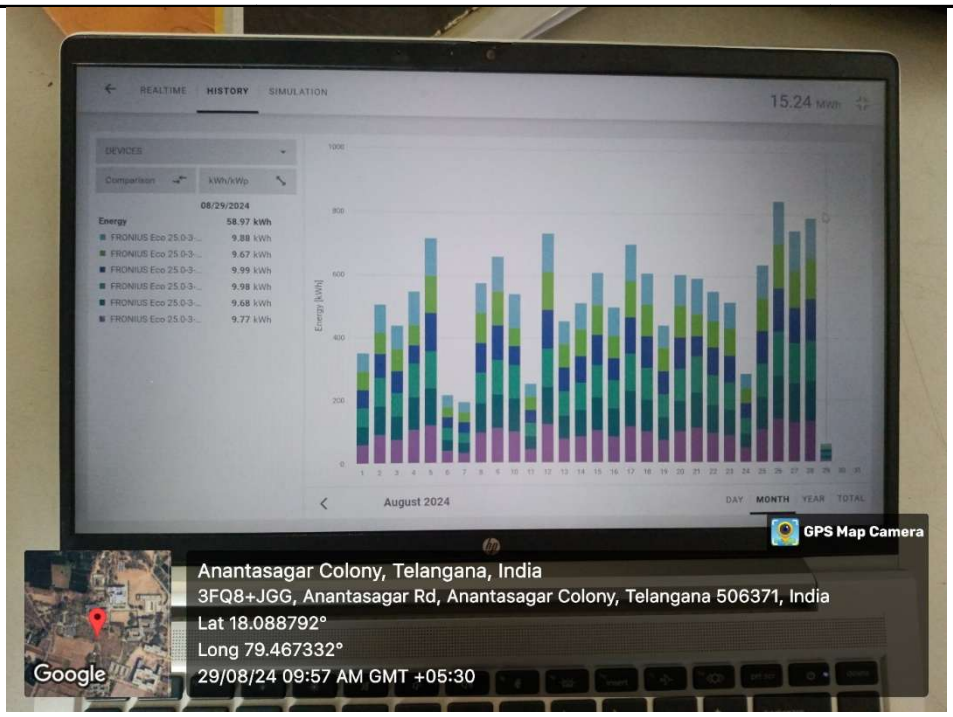
Solar Panels (SR University, India)

Grid-Connected Rooftop Solar Photovoltaic (SPV) Systems at SRIX

Grid-Connected Rooftop Solar Photovoltaic (SPV) Systems at Block 1

On-Grid to Inverter

Connecting the Solar power to the Grid



Solar-Log for renewable energy readings

Local community outreach for energy efficiency

SR University (SRU)actively engages in impactful programs addressing climate change mitigation, adaptation, and resilience through its academic and community initiatives. The university organizes **workshops, awareness campaigns, and conferences** to build literacy and action around climate issues. These programs are jointly coordinated by the **Centre for Emerging Energy Technologies**, **Centre for IoT and Embedded Systems**, the **Collaboratory for Social Innovation**, and the **NSS Wing of SR University**, aligning with SRU's sustainability goals.

SRU conducts capacity-building sessions for students, staff, and local communities, focusing on themes such as **renewable energy adoption, carbon footprint reduction, waste segregation, plastic usage and sustainable agriculture**. The training materials emphasize India's climate risks and adaptive solutions for semi-arid regions, relevant to SRU's rural location in Ananthasagar, Warangal.

SRU also hosts **conferences related to Energy and Climate Innovation,** involving experts from academia and industry. Student-led clubs, including the **Garden Club** and the **NSS**, play a major role in implementing **tree plantation drives, plastic reduction campaigns, and water conservation awareness programs**, thereby strengthening the university's outreach and engagement with local communities.

Through these integrated programs, SRU not only enhances on-campus sustainability literacy but also extends its impact to surrounding rural communities, serving as a **model for climate education and action** in higher education institutions.

S. No.	Program / Activity Name	Scope (National Regional / Local / etc)	Organizing Unit(s)	Participants	Outcome / Impact
1	Plastic Awareness Campaign	National	National Service Scheme	24	The campaign successfully engaged the market community and created awareness on reducing plastic usage. Many vendors expressed interest in adopting alternatives and supporting plastic-free initiatives
2	Plantation Program	National	National Service Scheme	24	The Plantation Program made a meaningful contribution to promoting environmental sustainability and community participation in ecological preservation. By involving students in hands-on tree planting, the initiative encouraged a long-term

					commitment to environmental care and green living. Participants became more aware of the role trees play in combating pollution, supporting biodiversity, and improving climate resilience. The program is expected to inspire continued efforts in afforestation, foster community involvement in green initiatives, and contribute to a healthier and more sustainable ecosystem.
3	Research Talk	Regional	Electrical Department	73	Industry expert Dr. P. Sadanandam delivered a talk on the research opportunities related to Solar Power Plants and the grid integration issues
4	Training – Workshop	National	School of Agriculture	36	21-Day Online National Training-Cum-Workshop on Livestock, Aquaculture and Sustainable Agricultural Practices
5	International Conference	International	School of Agriculture	54	International Conference on Holistic Innovations and Technological Advances for Sustainable Agriculture (HITASA–2024)
6	Expert Lecture	National	Electrical Department	48	Energy Efficient Lighting Systems: An Essence and Motivation
7	Expert Lecture	National	Electrical Department	72	Renewable Energy Sources

Assistance to low-carbon innovation

SR University (SRU) has established a vibrant innovation ecosystem through its internal Centres of Excellence and incubator platforms, resulting in **over three internally developed landmark programmes** in the domain of energy and climate change. Through the Centre for Emerging Energy Technologies, students and faculty have designed novel **microgrid controllers, IoT-based energy monitoring modules, and smart load-management systems** tailored to our campus environment.

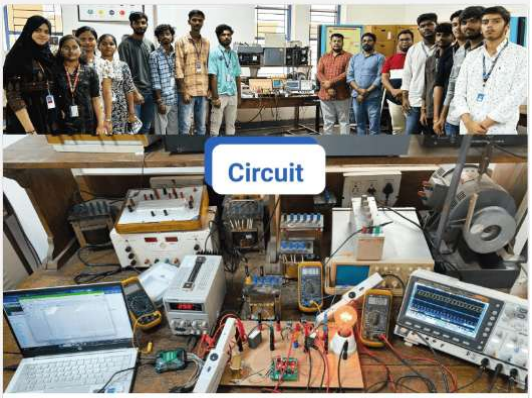
The SRiX incubator (SR Innovation Exchange) hosted at SRU has further accelerated these innovations, enabling the transition from prototype to pilot deployment. Programmes also include a**water-and-energy monitoring integrated mobile app, battery-based vehicle**

technologies, tricycle for disabled persons developed on campus, **recycling technologyfocused on campus solid and liquid waste**, and **embedded IoT systems for climate-adaptive buildings**.Some of these innovations have been **published as patents**, and a few have even received grants.

These initiatives are not off-the-shelf commercial solutions but are developed and managed in-house through SRU's **Centres for IoT & Embedded Systems, AI & Deep Learning, Design, and Social Innovation**. The address at least two SDGs and are aligned with the university's sustainability vision and directly address real-world problems of energy efficiency, renewable integration and climate resilience.

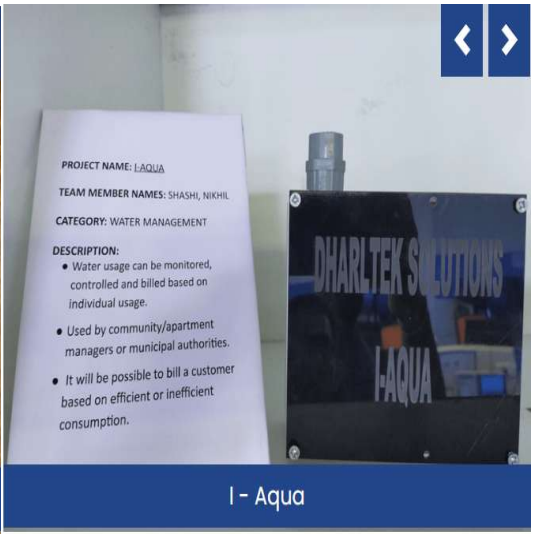
By initiating, developing, and deploying these innovations on its own campus and guiding student/faculty teams into the startup ecosystem, SRU demonstrates institutional ownership of advanced solutions and promoted**innovative energy and climate change programmes**.

Tricycle Development for Differently-Abled Individuals



High-Gain Non-Isolated DC-DC Converter for EV Applications

Sagley Water monitoring and control system



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STAUNCHLY MANAGEMENT AND SYSTEM SERVICESLIMITED

ISO 50001: 2018 INITIAL REPORT

COMPANY NAME: SR UNIVERSITY

COMPANY ADDRESS: ANANTHASAGAR (V), HASANPARTHY (M), WARANGAL 506 371, T.G, INDIA.

Company Representative: Dr. P. V. Raja Shekar

Start date of visit: **18 September 2024**

Visit duration: **01 Days**

AUDIT TEAM – Lead Auditor

ARUN KUMAR

.

STAUNCHLY MANAGEMENT AND SYSTEM SERVICES LTD.
Authorised Signatory

AUDIT SCOPE & OBJECTIVES

Objectives

To evaluate the ongoing effective compliance of the Energy Management System against the requirements of ISO 50001:2018, the scope of certification and your own Energy Management System(EnMS).

The audit will also identify any areas of potential improvement to your management system, as appropriate to the audit scope.

Scope

"Providing Educational Services leading to Award of Bachelor of Technology (CSE | ECE | EEE | ME | CE), Bachelor of Business Administration, Bachelor of Computer Applications, B.Sc (Hons.) Agriculture, Master of Technology (CTM | PE | AMS | ES | EDT | VLSI | CSE), Master of Business Administration and Master of Computer Applications"

This scope was reviewed during this audit and was considered appropriate, there are no foreseen changes at this time.

Standard – Audit Criteria

ISO 50001; 2018

Site location

ANANTHASAGAR (V), HASANPARTHY (M), WARANGAL 506 371, T.G, INDIA.

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Site Review

The audit was completed on site. A tour of 1 locations was included in this initial audit. These sites were all academic locations.

The site tours included interviews with the facilities managers and Facility Assistants, a review of site energy monitoring and a tour of the buildings including academics areas as relevant.

All of the locations visited were seen to be managed in line with the energy management system with onsite teams demonstrating a good understanding of the significant energy uses and the variables that effect energy efficiency.

AUDIT CONCLUSION

Summary and certification status

During the assessment no nonconformities were raised.

Continued certification is recommended.

The audit plan & objectives have been achieved and the certificate scope remains appropriate.

ISO 50001: During this audit it has been demonstrated and confirmed that there has been continual energy performance improvement made across the business. Examples of which are detailed in this report.

Follow up action required

In response to any nonconformity raised you are required to prepare, document and implement a correction and corrective action plan. Each finding must be investigated to identifyany root causes or underlying trends. Appropriate action must be taken to eliminate the causeof any nonconformity in order to prevent reoccurrence. The plan must define timely action, timescales and responsibilities.

There is no need to submit this plan to us as the actions detailed will be verified by the auditor during the next visit.

Failure to adequately implement the planned action may result in the raising of a major nonconformity putting your certification in jeopardy.

A response to any opportunity for improvement raised is optional.

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AUDIT FINDINGS

Nonconformities identified during last visit – (Report Number: **TISTENW0140465**)

There were no corrective actions required to be taken in response to the last audit.

There are no outstanding nonconformities from previous audits.

Nonconformities identified during this visit – Aspect Impact register is not updated

The assessment was based on sampling.

ASSESSMENT COMMENTS & OPPORTUNITIES FOR IMPROVEMENT

ASSESSMENT COMMENTS

From the sample selected for audit at this surveillance audit the SR UNIVERSITY management & employees have demonstrated that they are maintaining their Energy Management System (EnMS) in line with Energy management processes and the policy objectives. As can be seen form the findings of this report there is evidence of compliance with both ISO 50001:2018 and the EnMS, Policy and Objectives. The EnMS wasseen to have the capability to meet applicable requirements and expected outcomes.

EnPI's are identified and energy objectives have been set as part of the energy review process. From the representative sample taken as part of the audit the EnMS was seen to becapable of achieving Energy policy commitments, objectives and operational control needs. The EnMS was assessed and found to be managing internal monitoring processes & internalaudits.

The assessment demonstrated a high level of implementation of the processes and monitoring and measurement activities, ensuring that the planned arrangements are achieved. Management review and internal audits continue to be carried out to a high standard, are effective and conform to the requirements of the standard

Monthly monitoring of energy is reviewed and the results are investigated as appropriate. There is an opportunity to improve the investigation reporting (OFI/02) Energy performance is known and performance is evaluated against the objectives and predicted energy use.

There have been significant improvement made to the detail and effectiveness of the individual site audits. The duration and detail of the audit has been increased, and there is a positive effect can be seen in the energy performance. The audits now include interrogating the BMS and other control systems on site, improving control of energy use and better reflecting the sites occupancy.

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The scope of the EnMS has been updated to include carbon emissions from scope 3 sources. This has been done in anticipation of changes to the legal compliance scheme 'PAT Perform Achieve and Trade'. This may include net zero in future. This has been seen as an opportunity to remain compliant with PAT via the ISO 50001:2018 Certification. The details are to be fully established following the issue of government guidance on the changes to the PAT scheme.

There are potential complications with the relationship between Carbon reduction and energy efficiency. This will be monitored at future audits and will become clearer how this will fit in to the ISO 50001 EnMS, once the Indian Government has published the new PAT guidance / Scheme documents.

Continual Improvement of energy performance and the EnMS was demonstrated during this audit and the 3 year cycle. There are processes in place to identify and manage continual improvement. There has been significant improvement in energy performance set against the baseline. PIOEATFW continues to make cycle significant investment in new buildings to replace the older stock. There is an established commitment to continual improvement with stretching future objectives in place

All of the employees and management interviewed during this assessment were positive and demonstrated an awareness of the EnMS. There was an open dialogue established which greatly assisted the auditor – Thank You.

OPPORTUNITIES FOR IMPROVEMENT

OFI/01 – LEADERSHIP:
Top Management - Energy Policy and Carbon Management Plan were drafted by the Associate Director (Sustainable Operations) and approved by the Director of Estates.

The Carbon & Environment Action Group (C&EAG), is no longer responsible for this. The leadership section of the Compliance manual, needs to be reviewed to reflect this recent change in authorities.

OFI/02 – INVESTIGATION OF SIGNIFICANT DEVIATIONS:
Significant deviations are identified as part of the monthly energy monitoring process, with sites identified as having significant deviations required to investigate and respond the energy team.

A number of the responses are limited in detail and slow. Significant deviation needs to be investigated and responded to, to ensure energy performance is maintained. There is an opportunity to improve the response detail and time.
ISO 50001:2018 9.1.1

Thanks to the company and its people for their time and cooperation during the audit.

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Authorised Signatory

MISCELLANEOUS

Changes to your management system

You must not carry out significant changes to the Energy Management System, without first confirming with your auditor that the proposed changes are acceptable.

Report distribution

The report will be distributed to the company representative, the Lead Auditor and the Business Support Team (for archiving), unless otherwise agreed.

Report confidentiality

This report will not be disclosed to any third party by us. You are free to circulate it as required, however, if this report is circulated to a third party the entire content (excluding audit trail) must be included.

NEXT VISIT

The current 3 year audit programme, audit frequency and duration, were considered during this visit against your current scope and manning levels. The audit program and auditor competences are confirmed as suitable and sufficient and remain unchanged.

The next visit will be due in AUG. 2025 and will be of 1 days duration.

An Audit programme including an agreed outlined plan for your next assessment visit and a summary of previous assessments in the certification cycle is attached to/included in this report. Further details as appropriate will be confirmed prior to your next assessment visit.

Next visit plan – 1 day EnMS Initial Audit.

Date	Time	Auditor	Area / Department / Process / Function
SR UNIVERSITY ANANTHASAGAR (V), HASANPARTHY (M), WARANGAL 506 371, T.G, INDIA.			
18 September 2024		Arun kumar	**Arrive On Site** - *On site meeting and greeting*
			Opening Meeting & Management System Administration *Management System Manual / Policy / Risks and Opportunities / Management Review /* Objectives & targets.
			Internal Audits Including corrective action management. Evaluation of Legal compliance
			Management Review
			Energy Planning, Baseline & Performance
			Lunch
			Operational Control - Site Tour *Including site tours – Energy use, monitoring, communication, maintenance energy projects.*
			Auditor / Report Preparation Time - *The close out & follow up on any outstanding details picked up during the audit*
		Arun kumar	**End of day review**
Day 1			
		Arun kumar	**Arrive on site**
			Monitoring & Measurement Including significant deviations.
			Operational Control – Site Tour *Including site tours – Energy use, monitoring, communication, maintenance energy projects.*
			Lunch
			Competence, Training & Awareness Identification of personnel who can have a significant effect on energy use. Evidence of training and awareness on site.
			Auditor / Report Preparation Time - *The close out & follow up on any outstanding details picked up during the audit*
	16.00		**Closing Meeting**

Notes to Client:

- Times are approximate and will be confirmed at the opening meeting prior to commencement of the audit.
- Our auditors reserve the right to change or add to the elements listed before or during the audit depending on the results of on-site investigation
- Your contract with us is an integral part of this audit plan and details confidentiality arrangements, audit scope, information on follow up activities and any special reporting requirements.

STAUNCHLY MANAGEMENT AND SYSTEM SERVICES LTD.
Authorised Signatory

OBSERVATION TABLE

Organization:	SR UNIVERSITY	Audit No.	TISTENW0140465	Page: 1/8

Department	Contents	ISO Element	Grade of NC
Good Points Management	Points for Improvements		
	Energy target of the institute 2023-2024 record are well maintain		Good Observation
	Frequency of internal audit was not evident.		Point of improvement
	Energy management system policy was not displayed in campus area.		Point of improvement
	The institute EnMS quality objective plan need to be updated.		Point of improvement
	The opportunities to optimize energy usage and reduce environmental impact was well maintain		Good Observation

Lead Auditor: ARUN KUMAR (signature) **Audit date: 18/09/2024**

STAUNCHLY MANAGEMENT AND SYSTEM SERVICES LTD.
Authorised Signatory

KVQA

Certificate of Registration

(Energy Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Energy Management System of

SR UNIVERSITY

ANANTHASAGAR (V), HASANPARTHY (M),
WARANGAL - 506 371, T.G, INDIA.

has been found in accordance with Energy Management System Standard

ISO 50001:2018

This Certificate is valid for the following scope

Providing Educational Services leading to Award of Bachelor of Technology (CSE | ECE | EEE | ME | CE), Bachelor of Business Administration, Bachelor of Computer Applications, B.Sc (Hons.) Agriculture, Master of Technology (CTM | PE | AMS | ES | EDT | VLSI | CSE), Master of Business Administration and Master of Computer Applications.

Certificate No.: KDENM202107124

1st Surveillance Done On: 07/06/2022
2nd Surveillance Due On: 16/06/2023

Date of Issue: 05, July, 2021
Valid Until: 04, June, 2024*

CERTIFIED ISO 50001:2018 COMPANY

Issued by --
Authorised Signatory KVQA

To Check the Status of the Certification, kindly log on to www.kvqa.in
F-300, Sector -63, Noida U.P., India. Ph 011-22711940, 22711941.
email:delhi@kvqaindia.com
*Subject to successful completion of surveillance audits

◆ CERTIFICAT ◆ CERTIFICADO ◆ СЕРТИФИКАТ ◆ CERTIFICATE ◆ ZERTIFIKAT

CERTIFICATE

This is to Certify that the Management System of

SR UNIVERSITY

SR UNIVERSITY

**ANANTHASAGAR (V), HASANPARTHY (M),
WARANGAL 506 371, T.G, INDIA.**

has been found to conform to the Energy Management System standard:

ISO 50001:2018

This certificate is valid for the following scope of operations:

Providing Educational Services leading to Award of Bachelor of Technology (CSE | ECE | EEE | ME | CE), Bachelor of Business Administration, Bachelor of Computer Applications, B.Sc (Hons.) Agriculture, Master of Technology (CTM | PE | AMS | ES | EDT | VLSI | CSE), Master of Business Administration and Master of Computer Applications

:: Certificate No :: IN57903G

Date of initial registration	*Date of this Certificate*	*Surv. audit on or before / Certificate expiry*	*Recertification Due*
24 September 2024	*24 September 2024*	*23 September 2025*	*23 September 2027*

This Certificate remains valid subject to satisfactory surveillance audits.

Director

For verification and updated information concerning the present certificate visit to http://staunchlyservices.com/search_certified_client.php

STAUNCHLY MANAGEMENT AND SYSTEM SERVICES LIMITED
International Office: Labrynth Business Centre, 43 Middle Hill Gate, Stockport Great Manchester, England-SK1 3DG
Phone: +44-7404823687
(Company Registered in England with Company Number 11488683

STAUNCHLY MANAGEMENT AND SYSTEM SERVICES PVT. LTD.
Corporate Office: 303, U-60, 3rd Floor Shakarpur, Delhi-110019, India
Phone: +91-6389519394
Web :- www.staunchlyservices.com
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EGAC Accredited MSCB CAB # 011804

SMS/FM/001/REV07

KVQA CERTIFICATION SERVICES PVT. LTD.
I-25, Third Floor, Southern Avenue, Maharani Bagh, New Delhi-110065
Phone :011-22711940, 22711941 E-mail : delhi@kvqaindia.com Web Site : www.kvqa.in

Ref: KDENM202107124 **Date: 07.06.2022**

To,
SR UNIVERSITY

ANANTHASAGAR (V), HASANPARTHY (M),
WARANGAL - 506 371, T.G, INDIA.

Kind Attn. : Top Management

Subject : Recommendation for continuation of EnMS 50001:2018 certificate.

Dear Sir,

Thank you for your response during the 1st Surveillance Audit. The auditor has reviewed and accepted the Energy Management System and other requirements as per ISO 50001:2018 standard requirements. The auditor's recommendation for continuing the certification is therefore confirmed.

I would like to take this opportunity to congratulate you for continuation of your ISO certificate and thank you for working with us.

With Regards

Kvqa Certification Services Pvt Ltd.

KVQA CERTIFICATION SERVICES PVT. LTD.
Authorised Signatory

KVQA CERTIFICATION SERVICES PVT. LTD.
I-25, Third Floor, Southern Avenue, Maharani Bagh, New Delhi-110065
Phone :011-22711940, 22711941 E-mail : delhi@kvqaindia.com Web Site : www.kvqa.in

Ref: KDENM202107124 **Date: 16.06.2023**

To,
SR UNIVERSITY

ANANTHASAGAR (V), HASANPARTHY (M),
WARANGAL - 506 371, T.G, INDIA.

Kind Attn. : Top Management

Subject : Recommendation for continuation of EnMS 50001:2018 certificate.

Dear Sir,

Thank you for your response during the 2nd Surveillance Audit. The auditor has reviewed and accepted the Energy Management System and other requirements as per ISO 50001:2018 standard requirements. The auditor's recommendation for continuing the certification is therefore confirmed.

I would like to take this opportunity to congratulate you for continuation of your ISO certificate and thank you for working with us.

With Regards

Kvqa Certification Services Pvt Ltd.

KVQA CERTIFICATION SERVICES PVT. LTD.
Authorised Signatory

AUDIT REPORT
ENVIRONMENTAL MANAGEMENT SYSTEM
ISO 14001:2015
KVQA CERTIFICATION SERVICES PRIVATE LIMITED

SR UNIVERSITY

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DOCUMENT NAME:	**A-2024/06/29**
DOCUMENT REFERENCE:	With reference to Assessment conducted for **SR UNIVERSITY**

KVQA CERTIFICATION SERVICES PVT. LTD.

Authorised Signatory

On-site audit report

Organization	**SR UNIVERSITY**	Director-IQAC	**Dr. P. V. Raja Shekar**	Audit No.	**A-2024/06/29**
Address	ANANTHASAGAR (V), HASANPARTHY (M), WARANGAL 506 371, T.G, INDIA.				
Audit type	☑ Initial (Reassessment) ☐ Re-audit ☐ 1st surveillance Change Special surveillance Others (.....)				
Certification scope	Providing Educational Services leading to Award of Bachelor of Technology (CSE | ECE | EEE | ME | CE), Bachelor of Business Administration, Bachelor of Computer Applications, B.Sc (Hons.) Agriculture, Master of Technology (CTM | PE | AMS | ES | EDT | VLSI | CSE), Master of Business Administration and Master of Computer Application.				
IAF CODE	37				
Standard	☑ **ISO 14001:2015**				
Audit day	29/06/2024				
Audit team	Lead auditor	Auditors	Audit Trainee		
	K.V. HARGOPAL (sign)	(sign)	(sign)		
Next audit	Follow-up or Re-audit	Document On-site ( )	Re-audit( )		
	Surveillance or reassessment	Date JUNE/2025	Audit type:	() Re certification	
Result of follow-up audit	Summary (Onsite confirm, confirm) The client has implement/Not implemented the CAR				
	Date:	L. Auditor:	(signature)		

Attachment

1. Audit summary (KAF-09)
2. Attendance sheet (KAF-10)
3. Audit schedule (KAF-12)
4. Corrective action request (CAR)(KAF-19)
5. Observation reports (KAF-20)

※ Indicates attachments for initial(reassessment) audit or any changes occurred

★limited to **KVQACERTIFICATION SERVICES PRIVATE LIMITED** Audit File.

Recipient: Registration Applicant organization, **KVQACERTIFICATION SERVICES PRIVATE LIMITED** other (…)

※ All the records recorded during audit shall be confidential and shall not disclose to any person or entity without consent of an applicant, except upon request from Accreditation body for its evaluation of KVQA procedures. The audit has been done on sampling basis.

※ Guidance of certification procedures applies.

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Attendance Sheet

(Document ~~t~~ On-site ~~-~~ Surveillance ~~-~~ Amendment ~~-~~Re-audit Pre audit)

Audit no.: **A-2024/06/29** Date: 29/06/2024

Name	Title	Signature		Name	Title	Signature	
		Opening	Closing			Opening	Closing
Dr. P. V. Raja Shekar	Director-IQAC			K.V. HARGOPAL	Lead Auditor		

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Stage 2 Audit schedule for ISO 14001:2015

Organization	**SR UNIVERSITY**	**Audit no.**	**A-2024/06/29**	**Revision**	0
Address	ANANTHASAGAR (V), HASANPARTHY (M), WARANGAL 506 371, T.G, INDIA.				
Standard	**ISO 14001:2015 EMS**				
Secondary or Temporary Site	NA				
Scope	Providing Educational Services leading to Award of Bachelor of Technology (CSE | ECE | EEE | ME | CE), Bachelor of Business Administration, Bachelor of Computer Applications, B.Sc (Hons.) Agriculture, Master of Technology (CTM | PE | AMS | ES | EDT | VLSI | CSE), Master of Business Administration and Master of Computer Applications.				

Date: 29/06/2024	Time	Auditing Elements(departments) Per Each Auditor	Standard ISO 14001:2015
		LEAD AUDITOR (K.V. HARGOPAL)	
	10:00 To 11:00	Opening Meeting &discussion of internal audit/MRM/ communication / Legal and compliance/training	
	11:00 To 12:00	Entrance and examination /Library and lab	
	12:00 TO 13:00	Aspect & impact and EMP	
	13:00 TO 14:00	Lunch	
	14:00 To 15:00	Operational control	
	15:00 To 16:00	Emergency preparedness	
	16:00 to 17:00	maintenance /QA and Store and purchase	
	17:00 To 17:30	Top management	
	17:30 To 18:00	Closing meeting	

Date: 28/06/2024	Lead Auditor: K.V. HARGOPAL (Signature)

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a. **Audit Objective: -** The Audit Shall be carried on the basis of the requirement of the Standard, Standard, at the time when the production / operation are fully operational Evaluation of the ability of the Organization to meet applicable Statutory, Regulatory, Contractual requirements, meeting Objectives and Identification of potential improvement of Management System. The above to be reported under the respective clauses in the Audit summary.

b. Stage 2 focus on implementation, including effectiveness, of the client's management system. The stage 2 shall take place at the site(s) of the client. It shall include the auditing of at least the following:

c. a) information and evidence about conformity to all requirements of the applicable management

d. system standard or other normative documents;

e. b) performance monitoring, measuring, reporting and reviewing against key performance objectives

f. and targets (consistent with the expectations in the applicable management system standard or

g. other normative document);

h. c) the client's management system ability and its performance regarding meeting of applicable

i. statutory, regulatory and contractual requirements;

j. d) operational control of the client's processes;

k. e) internal auditing and management review;

l. f) management responsibility for the client's policies

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Audit summary

Organization	**SR UNIVERSITY**	Date	**29/06/2024**	Audit No.	**A-2024/06/29**
CAR issue	☑ Minor: 1issue, Major 0 issue	(Onsite confirm required: ,☑Documentconfirm:)			
Document	Manual No. : 01	Rev. No. : 00			
Evaluation	Does organization's system comply with certification audit criteria?				(☑Yes, □No)
	Was there any deviation from audit plan? If Yes Please Specify.				(□Yes, ☑No)
	Are proper corrective & preventive actions taken according to the results of Internal audit?				(☑Yes, □No)
	Was there any issue impacting the audit program? If Yes please specify				(□Yes, ☑No)
	Is there any significant changes that can affect management system since last audit & any difference between data submitted by organization and assessed in on-site audit?				(□Yes, ☑No)
	Is it assured that organization maintain and develop its system continuously?				(☑Yes, □No)
	(Additional review points in reassessment) Does all elements of system effectively interact with one another? Is there any unresolved issue identified? If Yes Pleasespecify. Is it assured that organization has commitment for maintaining its system effectively?				 (☑Yes, □No) (□Yes, ☑No) (☑Yes, □No)
	(Additional review point in surveillance) Is the certification mark properly used?				(☑Yes, □No)
	Overall evaluation of audit review The audit review evaluated the effectiveness of the Environmental management system (EMS) within the educational services organization offering degrees in Bachelor of Technology (CSE, ECE, EEE, ME, CE), Bachelor of Business Administration, Bachelor of Computer Applications, B.Sc (Hons.) Agriculture, Master of Technology (CTM, PE, AMS, ES, EDT, VLSI, CSE), Master of Business Administration, and Master of Computer Applications. Effectiveness of the System The management's commitment to environments was reflected in the presence of the environmental policy across all departments, with staff demonstrating awareness and adherence to its principles. Customer focus was evident through the collection and analysis of feedback, indicating an effort to understand and meet student needs. The organization maintains a comprehensive legal register, ensuring compliance with applicable statutory, regulatory, and contractual requirements. Additionally, an internal audit plan is in place, demonstrating the organization's commitment to continuous improvement. While one minor Corrective Action Request (CAR) was issued, the auditors are confident that the closure and implementation of this CAR will enhance the quality management system. The compliance for corrective action related to the CAR and the observations detailed in the attached Observation Report will be verified in the next audit.				

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<table>
<tr><td>Audit Result</td><td colspan="2">☑ Recommend certification for initial audit; maintain its certification for surveillance. As your system is proper and effectively practiced, certification is recommended.
☐ After document audit as follow-up, it will be resolved
Your system is practiced without any serious major non-conformity as shown from CARissue. You are required to submit the result of corrective action taken, which includes corrective action, analysis of the reason, and preventive action to KVQA. Within 1month. When the result is satisfactory, certification will be recommended (certification will be maintained for surveillance).The observations shall be verified inthe Surveillance audit
☐ After on-site visit as follow-up, this will be resolved
More than 10 Minor non-conformity is found in your system as shown from aboveCAR issues. You are required to submit the result of corrective action taken, whichincludes corrective action, analysis of the reason, and preventive action to KVQA CERTIFICATION SERVICES PRIVATE LIMITED. Within 1month.
Additional on-site visit as follow-up will be conducted and when it is satisfactory,certification will be recommended (maintained for surveillance).
☐ Not to satisfy with standard
Major non-conformities are found in your system as shown from above CAR issues. Re-audit is required.</td></tr>
<tr><td>Audit fee</td><td>Remitted Or not?</td><td>☐ Yes ☐ No (When audit fee is paid, certification will not be issued/maintained)</td></tr>
</table>

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Doc. No : KAF-19 **Form 2024.01**

Corrective Action Request (CAR)

Issue no: 01 /01

Organization	**SR UNIVERSITY**	**Audit no.**	**A-2024/06/29**	**Issue date**	29/06/2024
Applicable Standards	☑ ISO 14001:2015		**Applicable Clause**	6.1. 2	
			Division	Environmental aspect	
			Auditor	K.V. HARGOPAL (signature)	
Audit type	☑ Initial (Reassessment)		**Non-conformity Grade**	☑ Minor nonconformity ☐ Major nonconformity	

Nonconformity (☐ Confirm with on-site visit , ☐Confirm with document)

The organization use of outdated lighting and HVAC systems that consume excessive energy in lab room.

Lead auditor: K.V. HARGOPAL (sign)	**Management Representative**: (sign)

Analysis (Basic reason for occurring nonconformity)

Insufficient Maintenance and Upgrade Schedule

Corrective action (☐ Plan ☐Result (Attachment ☐ Yes ☐No)

We will establish a periodic maintenance schedule that includes evaluating and upgrading lighting and HVAC systems.

Management Representative: (sign)	**Date:**

Follow-up audit	(☐document confirm ☑on-site confirm)	**Validation**	
	K.V. HARGOPAL (sign)	**Auditor:**	(sign)
Auditor:	29/06/2024	**Date:**	
Date:			

1. The result of corrective action taken shall be submitted to KVQA CERTIFICATION SERVICES PRIVATELIMITED Within 1 month after CAR issued.
2. The result of corrective action taken shall be verified by on-site audit (major nonconformity) or document review (minor nonconformity), if it is not made within 3 months re-audit will be required.

KVQA CERTIFICATION SERVICES PVT. LTD.

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OBSERVATION TABLE

Organization:	**SR UNIVERSITY**	Audit No.	**A-2024/06/29**	Page: 1/1

Department	**Contents**	**ISO Element**	**Grade of NC**
	Points for Improvements		
	Lack of awareness and insufficient training on waste segregation		Observation
	Provide training to staff on new regulations and compliance standards.		Observation
	Inadequate assessment of ventilation requirements in lab area.		Observation
	The organization list of lab equipment's was evident but the preventive maintenance plan was not evident.		Observation
	Energy consumption record were not evident.		Observation
	The laboratory does not have a comprehensive emergency response plan		Observation

Lead Auditor: K.V. HARGOPAL (signature) Audit date: 29/06/2024

KVQA CERTIFICATION SERVICES PVT. LTD.

Authorised Signatory

KVQA

Certificate of Registration

(Environmental Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Environmental Management System of

SR UNIVERSITY

ANANTHASAGAR (V), HASANPARTHY (M),
WARANGAL - 506 371, T.G, INDIA.

has been found in accordance with Environmental Management System Standard

ISO 14001:2015

This Certificate is valid for the following scope

Providing Educational Services leading to Award of Bachelor of Technology (CSE | ECE | EEE | ME | CE), Bachelor of Business Administration, B.Sc (Hons.) Agriculture, Master of Technology (CTM | PE | AMS | ES | EDT | CSE) and Master of Business Administration.

Certificate No.: KDEN202107015

1st Surveillance Done On: 07/06/2022
2nd Surveillance Due On: 16/06/2023

Date of Issue: 05, July, 2021
Valid Until: 04, June, 2024*

CERTIFIED ISO 14001 CERTIFIED

Issued by -
Authorised Signatory KVQA

To Check the Status of the Certification, kindly log on to www.kvqa.in
F-300, Sector -63, Noida U.P., India. Ph 011-22711940, 22711941.
email:delhi@kvqaindia.com
*Subject to successful completion of surveillance audits

KVQA

Certificate of Registration

(Environmental Management System)

KVQA CERTIFICATION SERVICES PVT. LTD.

This is to certify that the Environmental Management System of

SR UNIVERSITY

ANANTHASAGAR (V), HASANPARTHY (M),
WARANGAL – 506 371, T.G, INDIA.

has been found to comply with the requirements of

ISO 14001:2015

This Certificate is valid for the following Product or service range

Providing Educational Services leading to Award of Bachelor of Technology (CSE | ECE | EEE | ME | CE), Bachelor of Business Administration, Bachelor of Computer Applications, B.Sc (Hons.) Agriculture, Master of Technology (CTM | PE | AMS | ES | EDT | VLSI | CSE), Master of Business Administration and Master of Computer Applications.

Certificate No.: KDACE202407023

1st Surveillance Due On: 05/06/2025: Done On:
2nd Surveillance Due On: 05/06/2026: Done On:

Date of Issue: 05, July, 2024
Valid Until: 04, July, 2027*

Issued by ---
Authorised Signatory KVQA

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

eiaCI مركز الإمارات العالمي للاعتماد Emirates International Accreditation Centre

CB-EMS-045

To Check the Status of the Certification, kindly log on to www.kvqa.in
F-300, Sector -63, Noida U.P., India. Ph 011-22711940, 22711941.
email:delhi@kvqaindia.com
*Subject to successful completion of surveillance audits

KVQA CERTIFICATION SERVICES PVT. LTD.

I-25, Third Floor, Southern Avenue, Maharani Bagh, New Delhi-110065

Phone :011-22711940, 22711941 E-mail : delhi@kvqaindia.com Web Site : www.kvqa.in

Ref: KDEN202107015 **Date: 07.06.2022**

To,
SR UNIVERSITY

ANANTHASAGAR (V), HASANPARTHY (M),
WARANGAL - 506 371, T.G, INDIA.

Kind Attn. : Top Management

Subject : Recommendation for continuation of EMS 14001:2015 certificate.

Dear Sir,

Thank you for your response during the 1st Surveillance Audit. The auditor has reviewed and accepted the Environmental Management System and other requirements as per ISO 14001:2015 standard requirements. The auditor's recommendation for continuing the certification is therefore confirmed.

I would like to take this opportunity to congratulate you for continuation of your ISO certificate and thank you for working with us.

With Regards

Kvqa Certification Services Pvt Ltd.

KVQA CERTIFICATION SERVICES PVT. LTD.

Authorised Signatory

KVQA CERTIFICATION SERVICES PVT. LTD.
I-25, Third Floor, Southern Avenue, Maharani Bagh, New Delhi-110065
Phone :011-22711940, 22711941 E-mail : delhi@kvqaindia.com Web Site : www.kvqa.in

Ref: KDEN202107015 **Date: 16.06.2023**

To,
SR UNIVERSITY

ANANTHASAGAR (V), HASANPARTHY (M),
WARANGAL - 506 371, T.G, INDIA.

Kind Attn. : Top Management

Subject : Recommendation for continuation of EMS 14001:2015 certificate.

Dear Sir,

Thank you for your response during the 2nd Surveillance Audit. The auditor has reviewed and accepted the Energy Management System and other requirements as per ISO 14001:2015 standard requirements. The auditor's recommendation for continuing the certification is therefore confirmed.

I would like to take this opportunity to congratulate you for continuation of your ISO certificate and thank you for working with us.

With Regards

Kvqa Certification Services Pvt Ltd.

KVQA CERTIFICATION SERVICES PVT. LTD.

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SR UNIVERSITY

Sustainability Start-ups

S. No.	Startup Name	Startup Employees	Startup Description	Startup Area
1	Rivot Motors India Private Limited	16	Advanced electric scooters with range of 500 KM on a single charge	Electric Vehicles
2	Vaidyuthi Mobility Private Limited	19	Designing, developing, and building ultra-long-range electric scooters. With a strong emphasis on research and development, we are dedicated to designing and manufacturing state-of-the-art motor controllers, vehicle control units (VCUs), electronic control units (ECUs), and advanced regenerative braking systems. Our commitment to engineering excellence positions us at the forefront of the electric mobility revolution	Electric Vehicles
3	Carton Monkey Furniture Private Limited	3	Manufacture furniture with paper corrugated sheet .Products comes as flat pieces packed into a box, with easy-to-install pre-marked creases.	Environment
4	Y-Honk Tech Private Limited	6	Yhonk system leverages real-time, digital data related to honk usage pattern using an embedded hardware device which gets attached to the horn circuit of the target vehicle.	Environment/Noise Pollution

5	Khageshvara Aviation Technology Private Limited	6	Khageshvara Aviation Technology is a pioneering startup focused on addressing the pressing transportation inefficiencies faced by modern cities. By harnessing the underutilized airspace and developing cutting-edge eVTOL (Electric Vertical Take-Off and Landing) technology, the company is transforming urban mobility. The mission of Khageshvara is to provide an eco-friendly, time-saving, and efficient alternative to traditional ground transportation, solving challenges such as traffic congestion, pollution, and time wastage.	eVTOL
6	Green Aero Propulsion Private Limited	15	Developing unique green hydrogen-based propulsion systems, to decarbonize aviation and shipping and also prove to be an alternate to expensive fuel cells. In addition, these engines will operate on green hydrogen and thus prove to be a powerful product that can be used for marine propulsion with zero CO2 emissions. Our patent pending combustor design, ensures stable hydrogen combustion with ultra low NOx emissions. The main value proposition is that this technology provides unprecedented efficiency comparable to fuel cells, but a life span comparable to that of gas turbines, i.e. 20 years. The cost of these engines is significantly lower compared to hydrogen fuel cells and hence scalable for the shipping industry.	Alternative Fuel/Green Fuel

7	Sackhe Technologies Private Limited	16	Enhanced Emission Controller is dedicated to revolutionizing the management of menstrual and other waste by providing a solution that combines hygiene and environmental sustainability. At its core, this innovation utilizes a specially formulated solvent that effectively dissolves harmful gasses emitted during the disposal process.	Environment/Air Pollution
8	Avisa Automotive	5	AVISA is a homegrown automobile start-up motivated by immense need seen in society and the bustling streets of our country. Our Utility Electric scooter is first of our user-driven stints that are ready to run the markets especially for a cause.	Electric Vehicles
9	CKCPC Recycling Technologies Private limited	4	Shoonya recycling is formalising the Lithium Ion battery waste recycling in India, reducing India's dependency on imports of critical minerals such as Cobalt, Nickel, Lithium and Titanium by putting these minerals back into India's circular economy	Wate Management
10	Redeem Pacaking Technologies Private limited	11	Manufacture high-quality biodegradable products, designed to reduce environmental impact. Redeem utilizes cutting-edge technology to create eco-friendly solutions, including packaging and disposable items, that break down naturally and minimize waste.	Environment/Plastic waste
11	ATLAST Motogen Private Limited	8	Hydrogen Fuelcell Motor cycle.	Alternative Fuel/Green Fuel