 © INDIAN REGISTER OF SHIPPING 1993	Indian Register Quality Systems [A Division of IRCLASS Systems & Solutions Pvt. Ltd.]	IV IRQS:FORM:44:03	
	Stage I Audit Report for EnMS Scheme For ISO 50001:2018	Eff. Date	: 10-02-2023
		Developed by	: NR
		Approved by	: HEAD-IRQS

01)	Name of the Client	JSS Academy of Higher Education & Research
02)	Address of HO & Site(s)	JSS Medical Institutions Campus Sri Shivarathreeshwara Nagara Mysuru - 570 015 (JSSAHER), Karnataka INDIA
		Site 1 - JSS Medical College, Mysuru , Sri Shivarathreeshwara Nagara Mysuru - 570 015, Karnataka INDIA.
		Site 2 - JSSAHER Admin Block & JSS Dental College & Hospital, Mysuru Sri Shivarathreeshwara Nagara, Mysuru - 570 015 Karnataka INDIA
		Site 3- JSS School of Life Sciences, Mysuru , Sri Shivarathreeshwara Nagara, Mysuru - 570 015, Karnataka INDIA
		Site 4 - JSS College of Pharmacy, Mysuru JSS College of Pharmacy Sri Shivarathreeshwara Nagara, Mysuru - 570 015 Karnataka INDIA
		Site 5 - JSS College of Pharmacy, Ooty JSS College of Pharmacy "Rocklands" Post Box No.20 Udhagamandalam - 643 001 Tamil Nadu State INDIA
03)	File Number	IRQS/ J/8111/E,En2018
04)	Name of "Head of Organization" / Unit	Dr. Madhusudan N Purohit, Dean
05)	Name of Organization Representative coordinating with CB	Dr. Shivaraju H P, IMS Chief Coordinator
06)	Audit Criteria	<ul style="list-style-type: none"> • ISO 50001:2018, • Documented Information related to EnMS • Applicable legal and other requirements
07)	Date of Audit	04 and 05 Jan 2024
08)	Type of Audit	Stage I
		Joint/ Combined / Integrated / Remote
09)	Audit Objectives: Stage I.	<ul style="list-style-type: none"> ➤ Confirmation of scope and boundaries, of the EnMS for certification; ➤ Review of the organizations facilities, equipment, systems and processes for the identified scope and boundaries; ➤ Confirmation of the number of EnMS effective personnel, energy sources, significant energy uses and annual energy consumption, in order to confirm the audit duration; ➤ Comprehensive Review of Documentation at Site. Its linkage to Company Processes and Systems and requirement Compliance of ISO 50001 ➤ Review context, interested party requirements and identification of risks and opportunities. ➤ To determine the extent of implementation and conformity of the organization's Management System with the audit criteria. ➤ Legal and Other requirements and their evaluation as they apply to all Energy Uses of the organization. ➤ To identify the Areas of Concern if any of the Management System to be complied before Stage II Audit. ➤ To gauge the level of awareness of EnMS concepts, policy at all levels ➤ To verify persons responsible for EnMS implementation, functioning of the Energy Team, ➤ Review of the documented results of the energy planning, objectives; ➤ EnMS application to New Designs and Procurements of energy and equipment. ➤ Effectiveness of Internal Audits and Management Review. ➤ To decide the preliminary action plan for Stage II Audit
10)	Scope of Certification: (If Multi-site audit, then scope as applicable for each site should be mentioned) SOC to be attached.	General Scope: Providing Undergraduate, Post- Graduate, and related Courses leading to awarding of Certificate, Diploma, and Degree to students and Research scholars
		Head Office : (University) :: Management Process , HR , Administration and Procurement
		Site 1 to 5 (Common Scope for All Sites)

	Providing Undergraduate, Post- Graduate, and related Courses leading to awarding of Certificate, Diploma, and Degree to students and Research scholars
--	--

11)	Boundaries of EnMS and excluded processes if any. (If Multi-site audit, then boundary as applicable for each site should be mentioned) Note: Energy type cannot be excluded from boundary. e.g. If organization uses Electricity, Furnace oil and Diesel then consumption of energy from all should be taken for energy planning.	Boundary is identified – All activity in the premises is in the scope - Except Transportation inbound or outbound and Within sites by vehicles for conveyance of personnel not included		
12)	During Stage I confirmation of data with reference data provided by organization in Questionnaire. (Required as per ISO 50003:2021)	Scope and boundary and energy related data, to be filled in form IV IRQS:FORM:107, (Scope of certification EnMS specific) and to be submitted with audit report. (during stage I only) SOC submitted with energy related Data		
13)	Changes to the audit objectives, audit scope or audit criteria (e.g. physical location, organizational units, activities ,processes, facilities, equipment etc which affect energy performance), if any: Please attach “Notice of Change” (for changes other than filled in IV IRQS:FORM:107 as above, if any)	NIL		
14)	Energy centric Outsourced Processes and controls.	Service Providers, Technology Providers, Logistic Service providers, Energy Audit, Energy management consultant, Domestic Transportations		
15)	Audit Team Details (Team Leader, Team Member, Provisional Auditor, Provisional Team Leader, Evaluator, Industry Expert Any accompanying persons; e.g. Guides, Observers, Translator etc)	Name		Role
		Capt R E Balasubramanian		Team Leader
16)	Audit conducted at [Physical location(s),as applicable]	Address	Date of Audit	Functions/ Process(es) /Activities audited at the Location/Site
	Head office	JSSAHER	04 Jan 2024	AS Per Audit Schedule
	Permanent site(s)	JSS Medical College	04 Jan 2024	AS Per Audit Schedule
		JSS Pharma College OOTY	05 Jan 2024	AS Per Audit Schedule
	Temporary site(s)			
17)	To comment upon any adverse conditions if any (e.g.; power outage, Fire, Flood, specifically related to the condition of the sites affecting the auditing activities). NIL			

Audit Findings
SEC A : Statement On The Management System(s) Effectiveness For The Following (please make brief statement giving evidence where relevant)

1.	<p>Scope Justification (In case of multisite, for each site). Provide a brief profile of organization covering the products/services under scope. Mention samples of dispatches made for main products or quantity produced.</p> <p>➔ JSS Academy of Higher Education & Research (JSSAHER), formerly known as JSS University, is a Deemed to be University located in Mysuru, Karnataka. It was established in 2008 under Section 3 of the UGC Act 1956. The five Institutions of JSSAHER, are JSS Medical College Mysuru, JSS Dental College Mysuru, JSS School of Life Sciences Mysuru, JSS College of Pharmacy Mysuru, (All four with in Mysuru campus) and JSS College of Pharmacy Ooty in OOTY have been identified for the implementation of Energy Management System standards (ISO 50001:2018)</p> <p>Scope Justification</p> <p>Details of Medical College Approval and intakes</p> <p>MBBS - 250 students per year / 1050 students are there currently including all batches of students MD/MS - 162 intake - 158 admissions - 433 PG students (Total strength for all 3 years) MSc/MPH/Mphil - 252 intake - 196 admissions PhD - Full time 84 / Part time 65</p> <table border="1" data-bbox="167 571 1548 806"> <thead> <tr> <th colspan="2">Hostel</th> <th colspan="4">Quarters</th> </tr> <tr> <th></th> <th>Girls hostel (ABCD block)</th> <th>Boys hostel</th> <th>Residential Quarters (Staff Quarters) Numbers</th> <th></th> <th>Rent/month</th> </tr> </thead> <tbody> <tr> <td>Strength</td> <td>693</td> <td>308</td> <td>1 BHK</td> <td>10</td> <td>6400</td> </tr> <tr> <td>Number of rooms</td> <td>506</td> <td>173</td> <td>2 BHK</td> <td>20</td> <td>9600</td> </tr> <tr> <td>Mess</td> <td>1</td> <td>1</td> <td>Total (All occupied)</td> <td>30</td> <td></td> </tr> </tbody> </table> <p>Details of JSS College of Pharmacy Ooty Approval and intakes</p> <p>JSSCPO - DETAILS PROGRAM AVAILABLE</p> <table border="1" data-bbox="167 873 1548 1131"> <thead> <tr> <th>TYPE</th> <th>NAME OF THE COURSE</th> <th>NUMBER OF PROGRAM</th> <th>TOTAL NUMBER OF STUDENTS</th> </tr> </thead> <tbody> <tr> <td>DIPLOMA</td> <td>D.PHARM (2 YEARS)</td> <td>1</td> <td>100</td> </tr> <tr> <td>UG</td> <td>B.PHARM (4 YEARS)</td> <td>1</td> <td>100</td> </tr> <tr> <td>PG</td> <td>M.PHARM (2 YEARS)</td> <td>10 SPECIALISATIONS</td> <td>199</td> </tr> <tr> <td>PHARM D</td> <td>PHARM D (6 YEARS)</td> <td>1</td> <td>190</td> </tr> <tr> <td>PhD</td> <td>PhD in Pharmacy (3 years)</td> <td>1</td> <td>172</td> </tr> </tbody> </table> <p>HOSTEL & GUEST HOUSE DETAILS – HOSTEL - 2 HOSTELS (BOYS & GIRLS) - PG HOSTEL (GUEST HOUSE)</p> <p>DETAILS OF ENROLLED STUDENT</p> <table border="1" data-bbox="167 1198 1548 1400"> <thead> <tr> <th>PROGRAM</th> <th>NAME OF THE STUDENT</th> <th>YEAR OF PASSING</th> <th>REGISTER NUMBER</th> </tr> </thead> <tbody> <tr> <td>D.PHARM</td> <td>INDHUJA N</td> <td>2023</td> <td>21P04657</td> </tr> <tr> <td>B.PHARM</td> <td>AJITHA A</td> <td>2023</td> <td>19P01156</td> </tr> <tr> <td>M.PHARM</td> <td>ABHISHEK</td> <td>2023</td> <td>21P06201</td> </tr> <tr> <td>PHARM D</td> <td>BALAMURUGAN G</td> <td>2023</td> <td>17P02354</td> </tr> <tr> <td>PhD</td> <td>G KUSUMA KUMARI</td> <td>2023</td> <td>19PPT007</td> </tr> </tbody> </table> <p>Energy Consumption of all Sites as observed from Energy audit Documents of 2023 Annual Performance of all sites reported and reviewed as follows - Annual consumption of energy (Jan-Dec 2023) in KWH</p> <table border="1" data-bbox="167 1467 1548 1668"> <thead> <tr> <th>Units - Sites</th> <th>Diesel</th> <th>Solar</th> <th>Electricity</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>JSSMC – Medical College</td> <td>29513</td> <td>399587</td> <td>489571</td> <td>918671</td> </tr> <tr> <td>JSSDC&H – Dental College</td> <td>0</td> <td>342362</td> <td>257031</td> <td>599393</td> </tr> <tr> <td>SLSM – Life Science College</td> <td>0</td> <td>0</td> <td>168199</td> <td>168199</td> </tr> <tr> <td>JSSCPM – Pharma College</td> <td>3603</td> <td>198592</td> <td>230703</td> <td>432898</td> </tr> <tr> <td>JSSCPO – Pharma College - Ooty</td> <td>9708</td> <td>0</td> <td>543423</td> <td>553131</td> </tr> </tbody> </table> <p>JSSCPO also using 18428 kg of LPG for heating purposes</p>	Hostel		Quarters					Girls hostel (ABCD block)	Boys hostel	Residential Quarters (Staff Quarters) Numbers		Rent/month	Strength	693	308	1 BHK	10	6400	Number of rooms	506	173	2 BHK	20	9600	Mess	1	1	Total (All occupied)	30		TYPE	NAME OF THE COURSE	NUMBER OF PROGRAM	TOTAL NUMBER OF STUDENTS	DIPLOMA	D.PHARM (2 YEARS)	1	100	UG	B.PHARM (4 YEARS)	1	100	PG	M.PHARM (2 YEARS)	10 SPECIALISATIONS	199	PHARM D	PHARM D (6 YEARS)	1	190	PhD	PhD in Pharmacy (3 years)	1	172	PROGRAM	NAME OF THE STUDENT	YEAR OF PASSING	REGISTER NUMBER	D.PHARM	INDHUJA N	2023	21P04657	B.PHARM	AJITHA A	2023	19P01156	M.PHARM	ABHISHEK	2023	21P06201	PHARM D	BALAMURUGAN G	2023	17P02354	PhD	G KUSUMA KUMARI	2023	19PPT007	Units - Sites	Diesel	Solar	Electricity	Total	JSSMC – Medical College	29513	399587	489571	918671	JSSDC&H – Dental College	0	342362	257031	599393	SLSM – Life Science College	0	0	168199	168199	JSSCPM – Pharma College	3603	198592	230703	432898	JSSCPO – Pharma College - Ooty	9708	0	543423	553131
Hostel		Quarters																																																																																																											
	Girls hostel (ABCD block)	Boys hostel	Residential Quarters (Staff Quarters) Numbers		Rent/month																																																																																																								
Strength	693	308	1 BHK	10	6400																																																																																																								
Number of rooms	506	173	2 BHK	20	9600																																																																																																								
Mess	1	1	Total (All occupied)	30																																																																																																									
TYPE	NAME OF THE COURSE	NUMBER OF PROGRAM	TOTAL NUMBER OF STUDENTS																																																																																																										
DIPLOMA	D.PHARM (2 YEARS)	1	100																																																																																																										
UG	B.PHARM (4 YEARS)	1	100																																																																																																										
PG	M.PHARM (2 YEARS)	10 SPECIALISATIONS	199																																																																																																										
PHARM D	PHARM D (6 YEARS)	1	190																																																																																																										
PhD	PhD in Pharmacy (3 years)	1	172																																																																																																										
PROGRAM	NAME OF THE STUDENT	YEAR OF PASSING	REGISTER NUMBER																																																																																																										
D.PHARM	INDHUJA N	2023	21P04657																																																																																																										
B.PHARM	AJITHA A	2023	19P01156																																																																																																										
M.PHARM	ABHISHEK	2023	21P06201																																																																																																										
PHARM D	BALAMURUGAN G	2023	17P02354																																																																																																										
PhD	G KUSUMA KUMARI	2023	19PPT007																																																																																																										
Units - Sites	Diesel	Solar	Electricity	Total																																																																																																									
JSSMC – Medical College	29513	399587	489571	918671																																																																																																									
JSSDC&H – Dental College	0	342362	257031	599393																																																																																																									
SLSM – Life Science College	0	0	168199	168199																																																																																																									
JSSCPM – Pharma College	3603	198592	230703	432898																																																																																																									
JSSCPO – Pharma College - Ooty	9708	0	543423	553131																																																																																																									
2.	<p>Whether EnMS requirements applied to all processes in the scope and within boundary? (For multisite boundary for each site defined?),Any exclusions? Note: An Energy type cannot be excluded from boundary.</p> <p>➔ EnMS requirements applied to all processes in the scope and within boundary. Multiple boundary each site is defined \$ collges in Mysuru with the University in the same campus AND ONE COLLEGE IN ooty No exclusion Applied. All Energy type included in the boundary and documented in the Scope Document Example : JSS Medical College, Mysuru,- Electricity / Solar/ Diesel JSS College of Pharmacy, Ooty- Electricity / Diesel / LPG</p>																																																																																																												
3.	<p>Whether internal, external issues, interested party requirements, risks and opportunities addressed. Mention examples.</p>																																																																																																												

➔	<p>IMS Manual - JSSAHER/IMS/M/01 dated 01/07/2023 – PARA 4.1/ 4.2 Identifies Internal / External Issues / Interested party needs as follows the Internal context Identified – Infrastructure, assets, resources, standards, organizational value followed; The External Context identified – Statutory and regulatory requirements applicable, technological, competitive, cultural, social, political and economic environments; Interested Parties - Requirements of these Interested Parties Customers Energy, Environmental & Legal compliance during providing service (EnEMS); Employees – Teaching & Non-Teaching Staff Sustainable growth of the company; Sustainable opportunities for employees; Good environmental conditions to work in a safe workplace; Suppliers, Sub-contractors & Service Providers - Clearly defined specifications and Terms and conditions; Clearly defined specifications and Terms and conditions w.r.t. EnEMS requirements through PO Statutory bodies - Legal Compliance Management - Delivery of Sustainable services on time, Sustainable growth of the company, Resource Conservation, Energy Conservation & Usage of Renewable energy options; Prevention of Pollution at the institutions, Safe working environment, Legal compliance</p>																									
	<p>JSSAHER/IMSR-ES-RO-AP-006 - Risks & Opportunities of Energy Saving and Action Plan 2023-24 evidenced as follows - Last review date - 01/10/2023 – Example - JSS – Medical College Risk assessed</p>																									
	<table border="1"> <thead> <tr> <th data-bbox="167 728 406 795">Potential Risks</th> <th data-bbox="406 728 539 795">Energy Type</th> <th data-bbox="539 728 831 795">Opportunity-Objective</th> <th data-bbox="831 728 1230 795">Control</th> <th data-bbox="1230 728 1556 795">Corrective Action- Programmes</th> </tr> </thead> <tbody> <tr> <td data-bbox="167 795 406 896">Energy Leakage</td> <td data-bbox="406 795 539 896">Electric</td> <td data-bbox="539 795 831 896">Regular power Monitoring</td> <td data-bbox="831 795 1230 896">Earth pit monitoring/Equipment Preventive maintenance/Calibration</td> <td data-bbox="1230 795 1556 896"></td> </tr> <tr> <td data-bbox="167 896 406 963">Over Fuel Consumption</td> <td data-bbox="406 896 539 963">Diesel</td> <td data-bbox="539 896 831 963">DG Set Monitoring</td> <td data-bbox="831 896 1230 963">Fuel recording/Monitoring poer supply</td> <td data-bbox="1230 896 1556 963"></td> </tr> <tr> <td data-bbox="167 963 406 1030">Reduced Energy Generation</td> <td data-bbox="406 963 539 1030">Solar</td> <td data-bbox="539 963 831 1030">Regular Maintenance</td> <td data-bbox="831 963 1230 1030">Solar Maintenance-AMC</td> <td data-bbox="1230 963 1556 1030"></td> </tr> <tr> <td data-bbox="167 1030 406 1160">Increased power Consumption - AC Usage</td> <td data-bbox="406 1030 539 1160">Electricity</td> <td data-bbox="539 1030 831 1160">Sealed rooms while AC in use</td> <td data-bbox="831 1030 1230 1160">Regular Infrastructure maintenance / Power bill monitoring</td> <td data-bbox="1230 1030 1556 1160">Maintenance carry out a inspection on the doorways/ windows to the rooms with AC</td> </tr> </tbody> </table>	Potential Risks	Energy Type	Opportunity-Objective	Control	Corrective Action- Programmes	Energy Leakage	Electric	Regular power Monitoring	Earth pit monitoring/Equipment Preventive maintenance/Calibration		Over Fuel Consumption	Diesel	DG Set Monitoring	Fuel recording/Monitoring poer supply		Reduced Energy Generation	Solar	Regular Maintenance	Solar Maintenance-AMC		Increased power Consumption - AC Usage	Electricity	Sealed rooms while AC in use	Regular Infrastructure maintenance / Power bill monitoring	Maintenance carry out a inspection on the doorways/ windows to the rooms with AC
Potential Risks	Energy Type	Opportunity-Objective	Control	Corrective Action- Programmes																						
Energy Leakage	Electric	Regular power Monitoring	Earth pit monitoring/Equipment Preventive maintenance/Calibration																							
Over Fuel Consumption	Diesel	DG Set Monitoring	Fuel recording/Monitoring poer supply																							
Reduced Energy Generation	Solar	Regular Maintenance	Solar Maintenance-AMC																							
Increased power Consumption - AC Usage	Electricity	Sealed rooms while AC in use	Regular Infrastructure maintenance / Power bill monitoring	Maintenance carry out a inspection on the doorways/ windows to the rooms with AC																						
4.	<p>What are the applicable legal and other requirements identified? (e.g. EC Act 2001 as amended 2010, ECBC, PAT scheme...). Mention legal requirements identified.</p>																									
➔	<p>University has no Legal Requirement other than UGC approval and Guidelines from National Medical Commission (Undergraduate Medical Education Board) No. U. 1 t102 -8 -2023 -UGMEB / Dated the 12ft june 2023 University on their own conducted Energy Audits in 2022 and in 2023 to Improve energy savings The applicable legal requirements are reviewed as and when there is a change, notification or once in 6 months by the concerned personnel and having access to legal and other requirements to which JSSAHER subscribes and through regular interactions with statutory and regulatory bodies and other related associations. The periodicity of monitoring legal and other requirements is once in a quarter. The management representative coordinates arrange interactive meetings, awareness programmes and preparing the list of all legal requirements as and when arises: Reference documents: Procedure for Compliance Obligations – JSSAHER/IMSP/05 and Records - List of Legal Requirements – JSSAHER/LR-11</p>																									
5.	<p>Is Energy Policy statement available and adequate? How is it communicated?</p>																									
➔	<p>Energy Policy established and found communicated Ref.Doc. EnEMS - IMS Manual- (Which Include EnMS Requirements) Para 5.2 IMS Manual - JSSAHER/IMS/M/01 dated 01/07/2023 - Example - procurement of energy-efficient products and services. The policy communicated to all though internal web links</p>																									
6.	<p>Is Energy team formed? (state number in team and comment on composition)</p>																									
➔	<p>EnEMS - IMS Manual- (Which Include EnMS Requirements) Para 6.2 - Functional head is the team leader and constitutes a team for each of the EnEMP. Functional Heads and IMS Coordinators Form Energy Management team - IMS Manual - JSSAHER/IMS/M/01 dated 01/07/2023. Energy Team consists of 12 persons , headed by Dr. Shivaraju H P, Associate Professor (IMS Chief Coordinator – JSSAHER)</p>																									
7.	<p>Is methodology for energy review documented? What is the criteria applied to identify SEUs? No. of SEUs identified.</p>																									
➔	<p>Energy review and assessment for significant energy use 9 SEU) : Procedure evidenced in IMS Manual - JSSAHER/IMS/M/01 dated 01/07/2023 Para 6.3 to 6.5 –</p>																									

	<p>Energy review documented, Criteria adopted for SEU identification based on past and current energy consumption and current energy types and arrives as Total Power consumption per College expressed as kWh/year & Total Power Consumption per Equipment per day in Watts (Annual in KWH)</p> <p><u>Details of SEU identified and considered for Energy Review</u></p> <p>JSS Medical College Mysuru, Air Conditioners / Fans - Exhaust & Ceiling / Lighting - tube/CFL/Street / LED/ Animal House / Incubator</p> <p>JSS Dental College Mysuru, UPS / Dental Chairs / X-ray IOPAR / Compressors / Air Conditioners / Fans - Exhaust & Ceiling / Computers & Servers Lifts</p> <p>JSS School of Life Sciences Mysuru, Fridge / AC / Incubator / Lighting / Computers & Servers</p> <p>JSS College of Pharmacy Mysuru Lights / Refrigerator/ Computers & Servers / Hot Air Oven</p> <p>JSS College of Pharmacy Ooty Water Heater / Drinking Water - /Lighting – LED / Lighting – CFL / Fridge / Freezer / Heating</p>																																										
08	Are static factors and relevant variables identified? Mention a few examples.																																										
➔	Static factors/relevant variables identified & documented IMS Manual - JSSAHER/IMS/M/01 dated 01/07/2023 Para 6.3 to 6.5 – Eg. Ambient Temperature, Consumption rate in Hostel Etc																																										
8.	What are the objectives for EnMS identified? Are the action plans available to achieve objectives? Mention examples.																																										
➔	Energy Objectives established in - JSSAHER/IMSOT-002 - IMS Objectives & Targets - 2023-24 - Energy Objectives & Targets																																										
	<table border="1"> <thead> <tr> <th>Sl.No.</th> <th>Objectives</th> <th>Unit</th> <th>Targets</th> <th>Supporting Document</th> <th>Frequencing</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>Fulfillment of Energy Consumption target</td> <td>kWh</td> <td>Less by 10%</td> <td>Monthly Electricity Consumption report</td> <td>Monthly</td> </tr> <tr> <td>b</td> <td>Preventive Maintenance</td> <td>no.</td> <td>100%</td> <td>Preventive Maintenance Schedule</td> <td>Continuous</td> </tr> <tr> <td>c</td> <td>Water Consumption</td> <td>litres</td> <td>Less by 10%</td> <td>Monthly Water Consumption Report</td> <td>Monthly</td> </tr> <tr> <td>d</td> <td>Earth Pit monitoring</td> <td>resistance</td> <td>100%</td> <td>Earth Pit Monitoring report</td> <td>Quarterly</td> </tr> <tr> <td>e</td> <td>Diesel</td> <td>Litres</td> <td>Less by 5%</td> <td>Monthly Fuel Consumption report</td> <td>Monthly</td> </tr> <tr> <td>f</td> <td>Transition to BLDC Motor for Ceiling Fans</td> <td>No.</td> <td>100%</td> <td>Service Reports</td> <td>Continuous (as and when replaced)</td> </tr> </tbody> </table>	Sl.No.	Objectives	Unit	Targets	Supporting Document	Frequencing	a	Fulfillment of Energy Consumption target	kWh	Less by 10%	Monthly Electricity Consumption report	Monthly	b	Preventive Maintenance	no.	100%	Preventive Maintenance Schedule	Continuous	c	Water Consumption	litres	Less by 10%	Monthly Water Consumption Report	Monthly	d	Earth Pit monitoring	resistance	100%	Earth Pit Monitoring report	Quarterly	e	Diesel	Litres	Less by 5%	Monthly Fuel Consumption report	Monthly	f	Transition to BLDC Motor for Ceiling Fans	No.	100%	Service Reports	Continuous (as and when replaced)
Sl.No.	Objectives	Unit	Targets	Supporting Document	Frequencing																																						
a	Fulfillment of Energy Consumption target	kWh	Less by 10%	Monthly Electricity Consumption report	Monthly																																						
b	Preventive Maintenance	no.	100%	Preventive Maintenance Schedule	Continuous																																						
c	Water Consumption	litres	Less by 10%	Monthly Water Consumption Report	Monthly																																						
d	Earth Pit monitoring	resistance	100%	Earth Pit Monitoring report	Quarterly																																						
e	Diesel	Litres	Less by 5%	Monthly Fuel Consumption report	Monthly																																						
f	Transition to BLDC Motor for Ceiling Fans	No.	100%	Service Reports	Continuous (as and when replaced)																																						
9.	Are energy baselines established? What is the data period used?																																										
➔	Base line established based on previous year energy consumption 2022. (2022 - Previous year energy Audit report from JSS Consultant Mysuru, evidenced)																																										
10.	Are operational controls of energy intensive processes related to SEUs. available? (e.g. Process temperature, time, pressure...)																																										
➔	Operational control procedures for energy consuming equipment available Specific parameters to be maintained for optimum power consumption is being developed being the First year of system operations																																										
11.	Is adequate metering available for measurement of energy consumption of SEUs? E.g Electricity, temperature, time etc. (mention details)																																										
➔	Only one Energy meter at the point of incoming supply available at Mysuru and at OOTY Electricity boards. Sites are having individual meters for performance monitoring																																										
12.	Is least one Internal Audit & Management Review completed? (mention details)																																										
➔	Internal audits, frequency, plan, actual, coverage of all processes, Auditor qualification Seen. Once in year JSSAHER-JSS Medical College, Mysuru. - Internal Audit Schedule Internal Audit Ref: 01 - Period: First Internal Audit of 2023-24 - Auditor(s) - Smitha V - Audit Date 17-Oct-23 - No NC Issued Only Observation which was liquidated MRM Conducted once in a year. Last MRM held on 02 Jan 2024 at University evidenced The minutes of the meeting verified and found to meet the requirements of the Standard																																										
13.	Consideration of EnMS in plant design, extension, renovation, refurbishment, new facilities addressed?																																										
➔	No design activity involved in the University and its Sites.																																										

	One500 kVA, one 380 kVA and one 160 kVA Diesel Generator sets are installed, for giving supply to the entire facility in case of power outage. Minor modifications viz. conversion of ordinary lighting into LED, replacing old ACs with Star rated ones evidenced
14.	Consideration of EnMS in procurement of energy (coal, oil..) and equipment (e.g. Motors, boilers, A/Cs...) addressed?
➔	Orders found placed for LED Lights. Transition LED bulbs – Example 23 Oct 2023 – orders placed for 22 LED Panel Light
1 5	Information for planning stage 2 audit: Specific information about processes, site related, multi sites if any, distance between them, travel related info. etc.
➔	Stage 2 can be planned. As per AAF it is 6.8 Manday audit. Two auditors can be planned, for JSS Medical, Dental college at Mysuru 2 MD days each and 2 MD for OOTY and 0.8 MD for JSS University the Controlling Unit. In Mysuru no travel distance since all sites in the same campus

SEC B : Audit Findings - Areas of Concern

No. of Areas of Concerns: _____ NIL

AOC (List statements of all AOCs with ISO 50001:2018 clause nos. as applicable)

SEC C : Any Unresolved Issues

NIL

SEC D : Audit Program [To be filled for one cycle, upto Renewal]

Type of Audit	Stage 1		Stage 2 / Renewal/ Recertification		Surveillance # 1		Surveillance # 2		Renewal/ Recertification	
	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
Date Of Audit	4-1 and 5-1 2024	4-1 and 5-1 2024	With in 90 days							
No. of Mandays	2	2	6.8							

*Site(S) / Department/ Functions / Processes	Stage 1		Stage 2 / Renewal/ Recertification		Surveillance # 1		Surveillance # 2		Renewal/ Recertification	
	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
All Process with in the sites	✓	✓	✓							
Head Office (University) : JSS Academy of Higher Education & Research (JSSAHER).										
Site 1 - JSS Medical College, Mysuru,	✓	✓	✓							
Site 2 - JSSAHER Admin Block & JSS Dental College & Hospital, Mysuru			✓							
Site 3- JSS School of Life Sciences, Mysuru,										
Site 4 - JSS College of Pharmacy, Mysuru										
Site 5 - JSS College of Pharmacy, Ooty	✓	✓	✓							
Shifts audit (at least once in a cycle, if applicable, Processes to be audited in each shift)										

[*Sub-Division in the Department, Processes, Sub-Processes, Activities involved & audited under One Heading to be specified in the "Site(S) / Department/ Functions"]

NOTE:

- 01) Basic processes of MR & others as required for verification of applicability of the Scope of Certification shall be audited in each visit.
- 02) Dominant applicable clauses for respective Department/ Functions / Processes to be verified [Refer SEC B: Summary of Conformity.
- 03) Information required in this Audit Programme is to be updated during First Assessment of the auditee organization in a given cycle i.e. Stage-1 / Transfer / Renewal Audits / Subsequent Audit if there is any modification of Scope (reduction / extension) / Site(S) / Department/ Functions if not audited as planned.

04) Information provided shall remain for guidance purpose only for the Audit Team of subsequent audits in the cycle & hence, shall not be binding w.r.t. additional functions to be audited and / or clauses to be audited in each function to confirm compliance to the respective audit criteria.

SEC E : Effectiveness of audit objectives achievement: : [Please mark 'Tick - ✓' as applicable for Onsite audit and Remote Audit]			
On-site and Remote Audit	Effectiveness		
	Achieved	Not achieved	Remarks on what is not achieved or raised it as AOC
Demonstration of Leadership commitment	✓		
Determination of External & Internal issues	✓		
Needs and expectation of Interested parties	✓		
Access to Legal & other requirements and their compliance	✓		
Process of Setting of objectives and achievements.	✓		
For Operational control	✓		
Process of Performance monitoring and continual improvement.	✓		
Effective conduct of Internal audit and Management review.	✓		
Process of addressing any changes, Management of change.	✓		

REMOTE AUDIT (USING ICT) -NA

The Below Ticked ICT has been used in carrying out audit/assessment and the effectiveness of ICT in achieving the audit/assessment objectives are as noted below:

Based on the Input received in IV IRQS:REC:52 A the following ICT were used: (Tick ✓ which were used), any other means if used please include the same for comments on its effectiveness for achieving the objectives). Micro Soft Team Meeting ZOOM Go-To Meetings Video conferencing WhatsApp Video call Skype. Use of Drone	Used to gather objective evidences.	Effectiveness	
		Achieved for	Not achieved or Not fully achieved: for
	Virtual site visit – Based on respective scheme requirements.		
	Operational activities (EG; Process parameters, Operational control etc.).		
	Sharing of Documents, Documented information, Records on Screen		
	Interview with personnel		
	Uninterrupted connectivity throughout audit duration.		
	Overall Audio / Video clarity.		
	Sharing of photos		
	Documents through mails in time.		
	Maintain Integrity of the audit / assessment process.		
	Usage of Drone		
	Objectives of Current Type of audit as noted above under Section 9 of this report.		
	Any other additional information from FORM 52 A / observations.		

Based on the above:

Additional Manday required to cover the processes for which objectives not fully achieved	YES <i>(Please mention the audit duration that would be required)</i>	NO
Audit Programme amended.	YES <i>(Please amend the audit program accordingly with appropriate justification)</i>	NO

SEC F : The audit objectives of Stage – I have been verified through off-site audit/ on-site audit /remote audit. The audit team conclude and recommend for :		
1)	Can proceed for Stage-2 Audit	YES
2)	Can Proceed for Stage-2 Audit subject to the acceptance of actions taken for the noted "Areas of Concern(s)"	NA

Instructions for Corrective Action Plans Submission:

Responsibility: It is IRQS's client's responsibility to provide complete and timely responses to finding reports.

Client is required to submit action taken report on the Areas of Concern with documentary evidences, which will be verified by IRQS. Stage II audit can be planned only after acceptance of the ATR. The stage II needs to be completed within 90 days of completion of stage I audit, failing which the stage I audit will be required to be repeated.

To dispute an audit finding:

The Dispute and Appeals Process is to be used by clients who wish to dispute a certification decision. It also applies in the case of clients who are not satisfied with the results of the dispute process and wish to appeal the decision.

Disclaimer:

Audit methodology was sample based. Random Samples were chosen from the areas covered in the scope. This is to assess suitability and effectiveness of Management System. Any sampling carries certain amount of uncertainty in auditing. Whenever the ICT facility used for gathering audit evidences the risk associated with poor connectivity of audio / video are taken into the account for uncertainty in auditing. Audit recommendations are subject to an independent review prior to a decision concerning the awarding, renewal of certification or follow-up / re-audit.

Confidentiality:

We assure that the information obtained during the audit will be maintained with utmost confidentiality.

Appeal: Our system has a provision of appeal with regards to audit process, difference of opinion and audit report. The client has every opportunity to appeal, dispute or complain against the decision of the auditors.



Should you wish to Contact IRQS in relation to any queries

Indian Register Quality Systems

Head Office: 2nd Floor, New Building, 52 A, Adi Shankaracharya Marg,

Opp. Powai Lake, Powai, Mumbai - 400 072.

Tel. No.:+912230519800 Fax No.: + 91 22 2570 3611

Team Leader Name	Capt R E Balasubramanian	Signature & Date - 11-1-2024 
Auditee Representative Name	 Dr Shivaraju HP	Signature & Date