



Kammavari Sangham(R)-1952

K. S. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi, Karnataka, Accredited by NACC & NBA (Dept. of CSE, ECE, ME)

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109

Tel : 28435722 / 724 E-mail : principal@ksit.edu.in Web : www.ksit.edu.in

Policy document on the green campus/plastic free campus

SL NO	POLICY
1	Energy Conservation Policy Document
2	Recycling of Waste Management Policy Document
3	Water Conservation Policy Document
4	Policy for accommodating needs of the Differently abled students



KSIT
K.S. INSTITUTE OF TECHNOLOGY

Kammavari Sangham (R) 1952
K.S. GROUP OF INSTITUTIONS

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K.S. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC

14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560 109.

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Energy Conservation Policy Document

PREAMBLE:

In order to endorse and support environmental awareness and holistic development of students, K S Institute of Technology has adopted “Energy Conservation Policy” for the purpose of making environmental concerns a way of life. This institution aims in creating a healthier environment to realistically and comprehensively reduce energy consumption by assuring acceptable indoor air quality and improve energy efficiency on campus through methods that are reliable with a safe, secure, and eco-conscious campus. Energy conservation shall be accomplished by developing a proactive and progressive approach towards providing energy efficient, responsible, and cost- effective operations on campus. This policy will be reviewed and updated periodically as public awareness, management techniques, and technologies change.

APPLIES TO: ALL THE STAFF, STUDENTS, EMPLOYEES AND VISITORS.

ENERGY CONSERVATION PRACTICES:

1. Lighting

Staffs and students shall make every effort to reduce the amount of energy associated with lighting in campus facilities by:

- Turn lights off in unoccupied spaces.
- Discontinuing the use of incandescent lighting by replacing wherever more efficient lighting is possible such as when compact fluorescent or light-emitting diode (LED) bulbs can be used.
- Maximizing the use of natural light and turning off all nonessential lighting and other loads whenever possible.

- Utilizing task lighting in lieu of overhead lighting when and where ever appropriate.
- Turning off exterior building architectural and promotional lighting between 11:00 pm and 6:00 am

2. Interior Environment

- Every effort will be made to maintain the occupied temperature in all campus facilities at 22 to 24 degrees Celsius. This excludes special environmental needs such as server rooms and computer laboratories.
- Classroom with 20 or fewer students will be set at 22 degrees centigrade.

3. Computers

- Computer power management software should be able to minimize the operation and consumption of electricity when computers are not in use. This excludes computers performing the unique computational function
- Computers purchased must have energy-saving features and should be enabled whenever in use.
- Peripheral equipment should be turned off whenever possible.
- Students are encouraged to turn off the systems when not in use.

4. Office Equipment

- All powered office equipment should be turned off or placed on standby when not in use unless it is unfavorable to the operation of the equipment to do so. Items such as copiers, printers, calculators, shredders, etc., should be turned off at the end of the workday.
- Office equipment quantities should be reduced through consolidation to central locations whenever possible

5. Appliances

- Staffs
- Non-school-provided appliances (such as printers, coffee makers, refrigerators, freezers, microwaves, lamps, televisions, and scanners) may only be used with proper authorizations
- The quantities of purchased appliances, facilities, and equipment shall be reduced through consolidation to central locations for shared use whenever possible.

- All new or replacement computer monitors and televisions shall be of the next generation energy efficient models
- All appliances shall be turned off when not in use unless it is detrimental to do so (for example a refrigerator or freezer).

6. Students

- All appliances shall be turned off when not in use unless it is detrimental to do so (for example a refrigerator or freezer).
- Lighting facilities and air conditioning units inside the labs must be turned off before leaving the classroom/lab
- Make sure that all computers/gadgets are unplugged when leaving the classrooms and laboratories

RAISING AWARENESS ON ENERGY CONSERVATION:

- Staffs and Students – are responsible for:
- Recognizing that energy conservation is important to the college's economic health and environmental goals.
- Being aware and complying with the policy.
- Take actions to conserve energy and reduce wastage of energy.
- If staff or students have ideas on energy conservation or wish to report energy waste, they should report to the Principal or to their respective Department Heads.
- Principal and Heads of Departments are responsible for:
- Communicating this policy to everyone within their jurisdiction.
- Including energy conservation procedures in orientation programs.
- Make Annual Energy Audit mandatory.

TIPS TO BE FOLLOWED ARE:

- Activate power management features on computer and monitor so that it will go into a low-power "sleep" mode when the students and staff are not working on it.
- Turn off the monitor once the students and staff leave from the lab.
- Activate power management features on laser printer.
- Whenever possible, shut down the systems rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.

- Use LED or compact fluorescent bulbs.
- Keep lights off in conference halls, classrooms, seminar halls when they are not in use.
- Use the fans only when they are needed.



Secretary

SECRETARY

For KAMMAVARI SANGHAM



Principal

PRINCIPAL

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BENGALURU - 560 109**



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Recycling of Waste Management Policy Document

Recycling broadly covers Solid waste recycling, organic waste recycling, waste water recycling, horticultural waste recycling, electronic waste disposal and consumption patterns, waste oil recycling, hazardous waste recycling, food waste recycling, Life cycle assessment and management of resources.

Objectives:

The main objectives of the Waste Management System in the campus are to promote a clean and green campus through:

- To identifying, quantifying, describing and prioritizing framework of Environment Sustainability in compliance with the applicable regulations, policies and standards.
- To introduce and make students aware of real concerns of environment and its sustainability
- Composting and recycling are the methods adopted by the institute.
- To minimize the carbon footprint

Steps Taken:

- i. Waste segregation and collection is done through colour coded and labelled bins placed in corridors, cafeteria, laboratories, washrooms, quadrangle etc.
- ii. Exclusive support staff is appointed for waste collection, segregation, treatment or disposal
- iii. The paper waste collected is sent through authorised agencies to recycling units.
- iv. The plastic and glass waste is given to BBMP and authorised plastic waste collection agencies.
- v. The electronic waste is handed over to authorised agencies only after following the procedure for such disposal.
- vi. Wet waste is treated through vermicomposting and resulting vermin compost is used as bio fertilizer in the landscape greenery and garden. Dry leaves and kitchen waste from canteen is treated in the compost pit and the bio fertilizer is used in the garden.


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Water Conservation Policy Document

1. Reduce the wastage of water by fitting proper valves and arrest the leakages
2. Using suitable equipment, technology and systems to reduce the amount of water used
3. Watering to the gardening to be done in the morning or in the evening to reduce evaporation losses.
4. Rainwater harvesting pits have been provided for improving the groundwater depth
5. Faculty and students have been instructed use water economically
6. Guest lectures and expert lectures have been arranged regularly on water conservation
7. World water day, world environment day have been celebrated to imbibe the importance of water conservation
8. Install flow control devices such as low-flow shower heads and flush valves.
9. College has installed more rainwater harvesting pits along with this recharging the ground water.

Prevention of Water in KSIT Hostel and Quarters

(i) Save Water in the Bathroom

- Frequent checking of toilets for leaks and improper closure of taps
- Installed water-saving shower heads or flow restrictors
- Keep board near each taps 'Turn off water after use'
- Install low water capacity flush tank.

(ii) Save Water in the Kitchen and Laundry

- Use your automatic washing machine only for full loads
- If you wash dishes by hand, don't leave the water running for rinsing
- Don't let the faucet run while you clean vegetables

- Frequently checking faucets and pipes for leaks


(iii) Save Water Outside

- Watering lawn only when it needs
- Deep soak the lawn - water long enough for the moisture to soak down to the roots
- Plant drought-resistant trees and plants that need less water
- kept a layer of mulch around trees and plants
- Use a broom, not a hose, to clean driveways and sidewalks
- Don't run the hose while washing vehicle

Available Sources & Alternate Sources:

- A. Rain Water Harvesting
- B. Bore well/ Recharge Wells
- C. Construction of Tanks
- D. Waste water Management


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POLICY FOR ACCOMMODATING NEEDS OF THE DIFFERENTLY ABLED STUDENTS

Admission policy

- Equal educational opportunities are provided to the disabled students on par with the normal students.
- The Institution adheres to follow the instruction/order/norms set by the university from time to time.

Facilities

- Accessible washrooms for disabled students.
- Provision and up gradation of mechanical and technological support for people with disabilities.
- Wheelchairs.
- Disabled-friendly sign post.
- To provide information, guidance and support to disabled students. Ensure Ramps/Rails, Lifts, Special Toilets, Parking Lots and assisting devices like Wheelchairs, walking-aids etc. are in place for easy access of PWDs.
- Monitoring the successful implementation of related government policies and programs.
- To propose any other programmes activities as deemed fit for the benefit of differently abled students.

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SECRETARY
For KAMMAVARI SANGHAM



ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES





The institution always strives hard and leaves no stones unturned while contributing to safeguard the environment and sustainable usage of natural resources.

The institute has replaced:

- Compact fluorescent tubes with light emitting diode bulbs (LED).
- Latest generation computers with LCD/ TFT/ LED monitors.

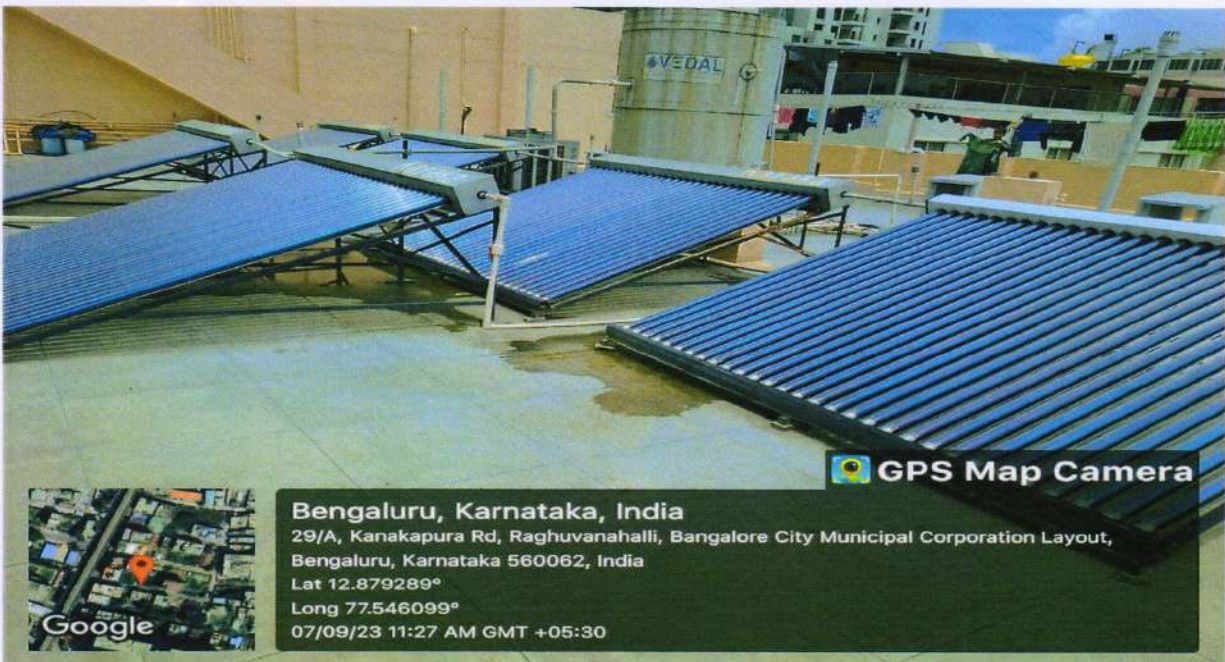
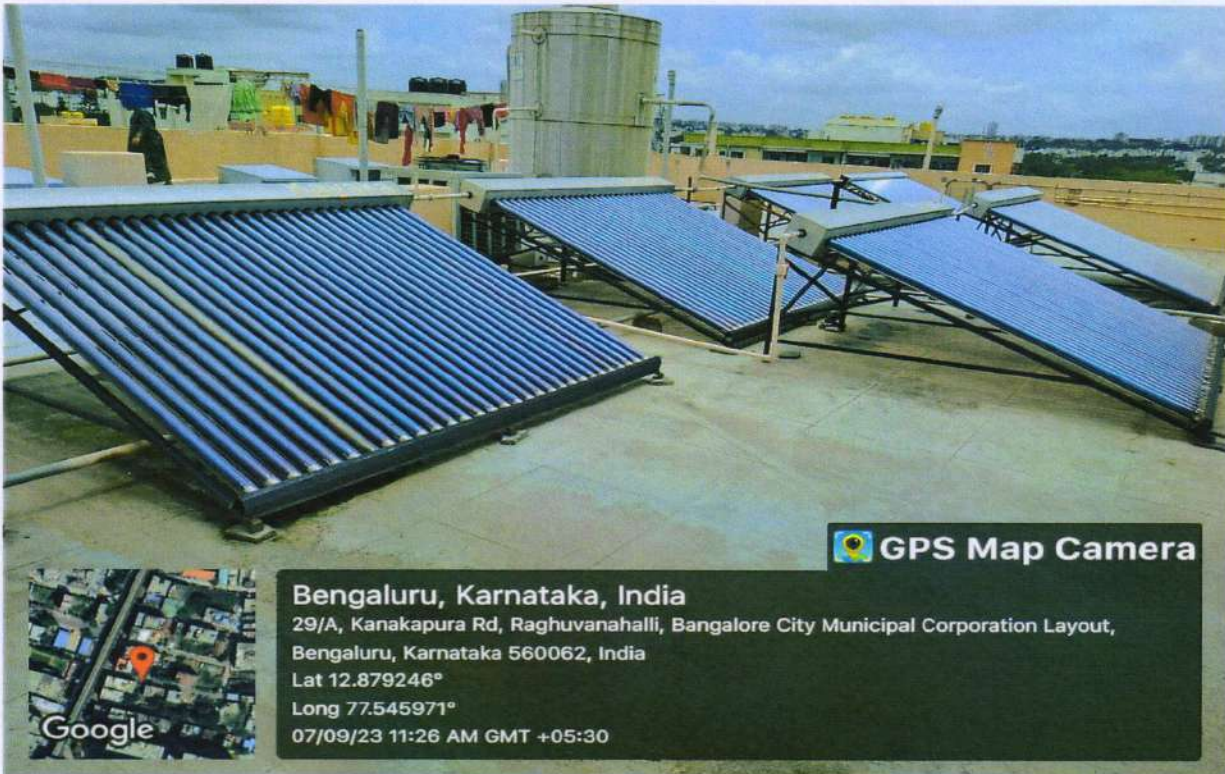
Both of which are long lasting, low cost, energy saving, environmentally friendly and adaptable.

LED BULBS AND ENERGY SAVER COMPUTERS WITH MONITORS AT:

 <p>Bengaluru, Karnataka, India No 3490, 2nd Floor 4th H Bldg, 80Ft Rd, Banshankari, near KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India Lat 12.87936° Long 77.544379° 02/08/23 11:03 AM GMT +05:30</p>	 <p>Bengaluru, Karnataka, India No 3490, 2nd Floor 4th H Bldg, 80Ft Rd, Banshankari, near KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India Lat 12.879268° Long 77.544345° 02/08/23 11:04 AM GMT +05:30</p>
<p>Computer Network Laboratory (Old Block)</p>	<p>Machine Learning/ DBMS Laboratory (Old Block)</p>
 <p>Bengaluru, Karnataka, India No 3490, 2nd Floor 4th H Bldg, 80Ft Rd, Banshankari, near KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India Lat 12.8792463° Long 77.544552° 02/08/23 11:05 AM GMT +05:30</p>	 <p>Bengaluru, Karnataka, India No 3490, 2nd Floor 4th H Bldg, 80Ft Rd, Banshankari, near KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India Lat 12.879268° Long 77.544345° 02/08/23 11:05 AM GMT +05:30</p>
<p>LED Outdoor Flood Lights (Old Block)</p>	<p>LED Outdoor Ceiling Lights (Old Block)</p>

S. Kumar
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ENERGY CONSERVATION



Shamol

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K. S. Kumar
 PRINCIPAL
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**MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND
NONDEGRADABLE WASTE**

SOLID WASTE MANAGEMENT



Sharma G.
Principal

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BENGALURU - 560 109.



Bengaluru, Karnataka, India
KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout,
Bengaluru, Karnataka 560062, India
Lat 12.879339°
Long 77.544424°
07/09/23 02:32 PM GMT +05:30



Bengaluru, Karnataka, India
KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout,
Bengaluru, Karnataka 560062, India
Lat 12.879339°
Long 77.544424°
07/09/23 02:29 PM GMT +05:30

K. Kumars
PRINCIPAL
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BENGALURU - 560 109. -



Bengaluru, Karnataka, India
KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout,
Bengaluru, Karnataka 560062, India
Lat 12.879339°
Long 77.544424°
07/09/23 02:29 PM GMT +05:30



Bengaluru, Karnataka, India
KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout,
Bengaluru, Karnataka 560062, India
Lat 12.879339°
Long 77.544424°
07/09/23 02:31 PM GMT +05:30

K. Kumar

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K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109

WATER CONSERVATION

ROOF TOP RAINWATER HARVESTING RECHARGE PIT



Shama G
Principal

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BANGALURU - 560 109.



KSIT College Kankapura Road, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Latitude
12.879815°
Local 12:19:41 PM
GMT 06:49:41 AM

Longitude
77.54429°
Altitude 886 m
Monday, 31.07.2023



No 3490, 2nd Floor 4th H Bldg, 80ft Rd, Banshankari, near KSIT Engineering College, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Latitude
12.879541666666666°
Local 12:20:50 PM
GMT 06:50:50 AM

Longitude
77.544318333333334°
Altitude 886 m
Monday, 31.07.2023



34, Kanakapura Rd, 4th H block, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Latitude
12.879635°
Local 12:20:34 PM
GMT 06:50:34 AM

Longitude
77.544338333333333°
Altitude 886 m
Monday, 31.07.2023

Shrinivas G
PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.



KSIT College Kankapura Road, Raghuvanahalli, Bangalore
City Municipal Corporation Layout, Bengaluru, Karnataka
560062, India

Latitude	Longitude
12.879692721180618°	77.54426096566021°
Local 12:26:51 PM	Altitude 814 meters
GMT 06:56:51 AM	Tuesday, 06 Sep 2022



14, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal
Corporation Layout, Bengaluru, Karnataka 560062, India

Latitude	Longitude
12.879094504751265°	77.54472834058106°
Local 12:30:02 PM	Altitude 856 meters
GMT 07:00:02 AM	Tuesday, 06 Sep 2022

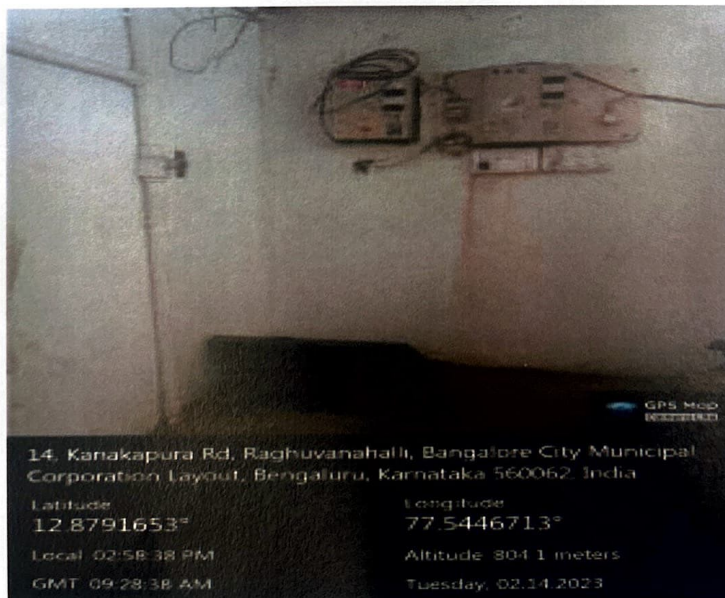
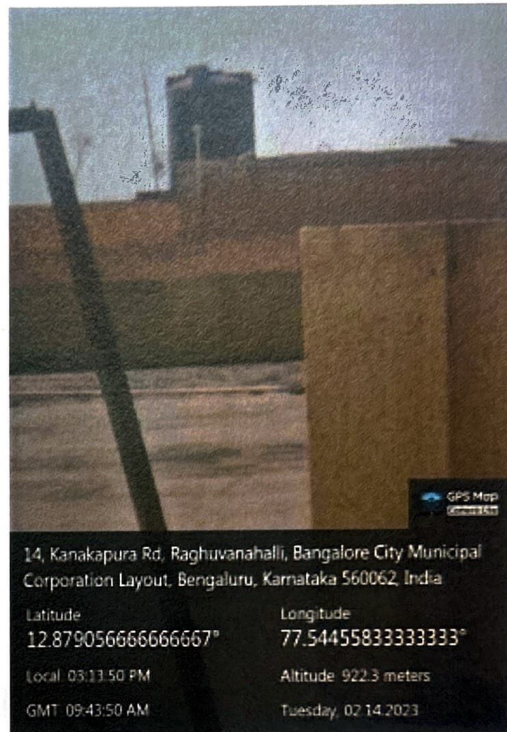
Sharma S
Principal

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K.S. INSTITUTE OF TECHNOLOGY, BANGALORE – 560109

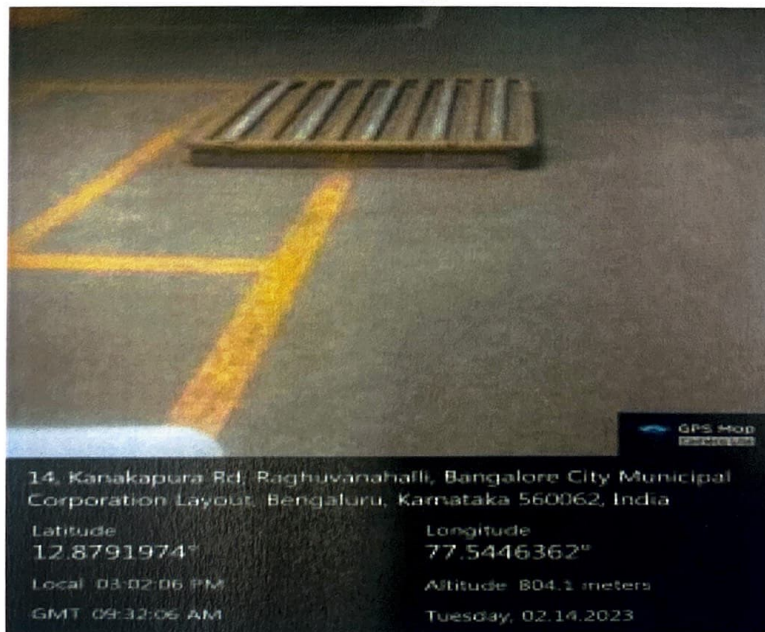
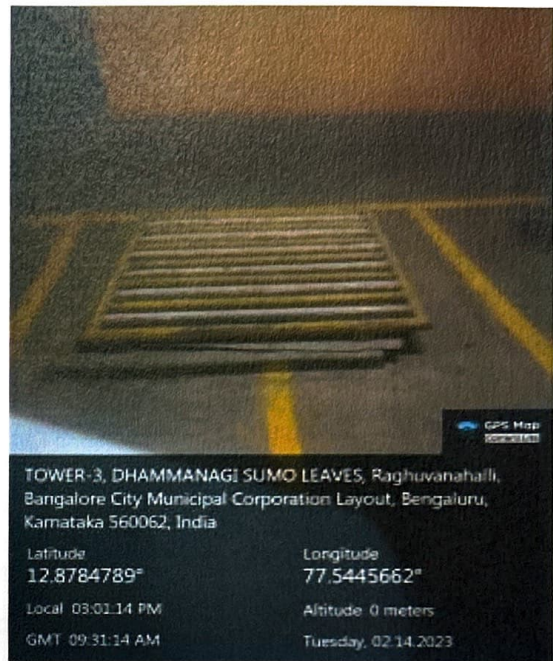
Maintenance of Water Bodies and Distribution system in the Campus



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Bore well Recharge



Shenas. C
 PRINCIPAL



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GREEN CAMPUS INITIATIVES

The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping



#3456, 1st floor, 4th H block Bansankari 6th stage, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Latitude
12.87897°

Local 12:32:55 PM
GMT 07:02:55 AM

Longitude
77.5449307°

Altitude 890 m
Monday, 31.07.2023

Use of bicycles/Battery-powered vehicles

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KSIT College Kankapura Road, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Latitude
12.879828333333334°
Local 12:25:16 PM
GMT 06:55:16 AM

Longitude
77.54437166666666°
Altitude 886 m
Monday, 31.07.2023



VGHW+M3H, 80 Feet Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Latitude
12.879231666666666°
Local 12:35:04 PM
GMT 07:05:04 AM

Longitude
77.54507666666667°
Altitude 889 m
Monday, 31.07.2023

Pedestrian-friendly pathways

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#3456, 1st floor, 4th H block Bansankari 6th stage, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India

Latitude
12.879641666666664°

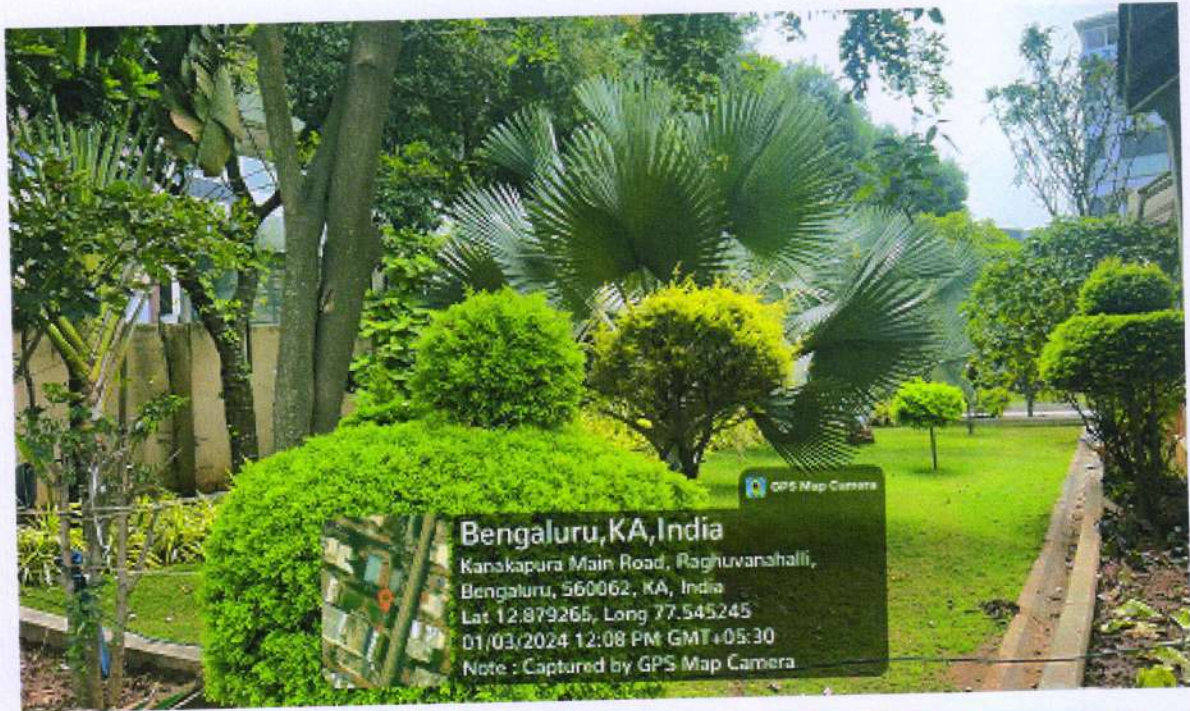
Local 12:26:37 PM
GMT 06:56:37 AM

Longitude
77.54460333333333°

Altitude 886 m
Monday, 31.07.2023

Landscaping

K. Kumar. C.
PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.



Bengaluru, KA, India
Kanakapura Main Road, Raghuvanahalli,
Bengaluru, 560062, KA, India
Lat 12.879265, Long 77.545245
01/03/2024 12:08 PM GMT+05:30
Note : Captured by GPS Map Camera



Bengaluru, KA, India
Kanakapura Main Road, Raghuvanahalli,
Bengaluru, 560062, KA, India
Lat 12.879263, Long 77.545214
01/03/2024 12:07 PM GMT+05:30
Note : Captured by GPS Map Camera

LANDSCAPING

S. K. Menon
PRINCIPAL
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DISABLED-FRIENDLY, BARRIER FREE ENVIRONMENT

The Institute provides excellent facilities like wheel-chair ramps, lifts to access the class rooms and, hygiene wash rooms for the disabled students.


1. Built environment with ramps/ lifts for easy access to class rooms

Geo-Tagged photos of the ramps

Wheel-chair Ramps: An easy navigation over stairs	
 <p>Bengaluru, Karnataka, India VGHW+R2G, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India Lat 12.879381° Long 77.544975° 02/08/23 11:08 AM GMT +05:30</p>	 <p>Bengaluru, Karnataka, India 14, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India Lat 12.879381° Long 77.544924° 02/08/23 03:14 PM GMT +05:30</p>
New Block Entrance	Parking Lot Level 1

Geo-Tagged photos of the lifts/ elevators

Passenger Lifts/ Elevators: Easy access to class rooms	
 <p>Bengaluru, Karnataka, India VGHW+R2G, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India Lat 12.879381° Long 77.544975° 02/08/23 11:10 AM GMT +05:30</p>	 <p>Bengaluru, Karnataka, India VGHW+R2G, Kanakapura Rd, Raghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, India Lat 12.879381° Long 77.544975° 02/08/23 11:12 AM GMT +05:30</p>
New Block Entrance	New Block Exit


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2. Disabled-friendly washroom/ toilet

Geo-Tagged photo of the washroom/ toilet with Disabled Grab Bars

Disabled Grab Bars: Provide safety and comfort to the user



New Block Ground Floor

Sharma
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K. S. INSTITUTE OF TECHNOLOGY

BANGALORE

Ref: KSIT/GEN/2023-24

Date: 07.12.2023

CIRCULAR


As energy auditing for the entire campus is being carried out on 14th and 15th December 2023. In this regard, we request you to co-operate with the audit team.



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CC TO:

1. CEO - for kind information
2. MED:
3. ECE: 
4. CSE:
5. AI & ML:
6. CSD:
7. CSE - ICB:
8. CCE:
9. Sc. & Humn.:
10. TPO:
11. Office:
12. Director-Admissions & PR:
13. Controller of Exams:
14. Library:
15. PED:
16. Transport:

CONFIDENTIAL

Status and ENERGY Audit

AT



Kammavari Sangha Institute of Technology

*#14, Kanakapura Road, Raghuvanahalli, Bengaluru 560109
Karnataka*

Affiliated to VTU-Belagavi

December 2023

Submitted by:

e-Xcel Energy Bangalore

No. 721, 2nd Floor, 9th Main, 4th Block, Koramangala, Bengaluru 560034
excelenergyenq@gmail.com, Mob. +91 9916630022

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Abbreviation	Description
AC	Air-Conditioner
°C	Degree Celsius
BESCOM	Bangalore Electricity Supply Company
CFL	Compact Fluorescent Lamp
KSIT	Kammavari Sangham Institute of Technology, Ponnampet
DG	Diesel Generator
ECM	Energy Conservation Measures
FTL	Fluorescent Tube lamp
kW	Kilowatt
kWh	Kilowatt hour
kVAr	Capacitor Value
R,Y,B	Phases in a 3 phase system
LED	Light Emitting Diode
NAAC	National Assessment and Accreditation Council
IEC	
SEC	Specific Energy Consumption
TR	Tons of Refrigeration
TL-40	40W Tube light

1. Executive Summary

Electricity requirements of the KSIT campus are met by BESCOM Bangalore as a primary power source to meet the entire requirement of the campus with the help of an outdoor, oil cooled 11kV/433V stepdown transformer of 250kVA capacity installed outdoor in a dedicated yard, this is supported, during outages by two captive diesel generator sets of 125kVA and 250kVA each. The major loads at KSIT are Laboratories of various departments, air-conditioning, lighting, fans, UPS for computers, hostels, sewage treatment plants, and pumps and a manually controlled power factor improvement Capacitor panel. Laboratory loads are intermittent and do not load the system except during examinations.

- The loads are unbalanced and a balancing exercise would help in better management of mains power
- The Power factor correction panel should be upgraded after the repairs recommended to an APFC type to reduce the overall kVA of the mains system. Series Chokes / detuned system is recommended to safeguard the capacitors used as there are 3rd, 5th, and 7th harmonic currents.
- The multi data meter at the incomer panel is showing erroneous data thus misleading the observer.
- Neutral of the transformer secondary is open and is a Safety concern, this has to be attended immediately. As there is a single neutral earth pit it becomes mandatory to create one more earth pit for the same.
- The earth pits for DG1 (250kVA) have failed in their tests and hence have to be re-conditioned.
- The earth pits for DG2 (125kVA) are not traceable, hence new pits have to be provided.
- UPS are spread all over the campus, they can be re-purposed to be placed centrally in two areas for better management of the same.

The audit consisted of an on-site survey, and discussions with KSIT Staff members and support personnel, followed by a technical evaluation of applicable measures that could reduce energy consumption. The site visit encompassed the study of all energy-consuming sources, covering the complete campus.

The summary of the main findings and list of Energy Conservation Measures (ECMs) are presented in this report which had the consent of the KSIT top management team for further action and development and consideration for implementation.

1.1 About Kammavari Sangham

The Kammavari Sangham, a multi-activity non-profit oriented voluntary service organization, was established in the year 1952 with the sole objective of providing charitable service to community and society.

The Sangham has diversified its activities since its establishment over five decades ago. With a firm belief that quality and meaningful education only can lay the strong foundation for bringing about economic and social changes to the lives of thousand, the Sangham went about establishing educational institutions, starting with K.S. Polytechnic in 1992

Enthused with this success of its foray into technical education, the Sangham moved forward by starting the K.S Institute of Technology (KSIT), its under graduate Engineering College in the year 1999. In the following years both these institutions have carved for themselves an enviable niche through academic excellence achieved in a very short span of time. By providing FREE hostel accommodation and scholarship to the deserving students in the community, it has furthered its Commitment to education.

1.2 COLLEGE PROFILE

Description	Status
Name of College	Kammavari Sangham Institute of Technology
Place	Raghuvanahalli, Kanakapura Rd Bengaluru 560109
State	Karnataka
Affiliating University	Visvesvaraya Technological University, Belagavi.
Status of the College	Self-Financing
Type of College	Co-Educational
No. of Departments	10
No. of Branches	1
Date of establishment	1999
Location of the College	Bengaluru

2. ENERGY SCENARIO

Electricity, diesel, and LPG are the major energy sources. Electricity is consumed all around the campus by various loads such as lights, fans, computers, pumps, ACs, and equipment in the Labs. Diesel is used as fuel for Diesel Generator (DG) sets. LPG is the main source for cooking at both the Hostel Kitchens and Student's Canteen.

2.1 ENERGY SOURCES AND CONSUMPTION DATA AT THE KSIT

KSIT utilises BESCO mains supply received at 11.0 kV as the primary power source. As a backup during Outages from BESCO, two diesel-fired captive power generation sets of 125kVA and 250kVA capacity are installed.

Table 2.1 Average 30 minutes Power consumption at the Main Incomer of 250kVA BESCO transformer

	V	I(Amps)	kW	kVA	kVAr	pf	H3	H5	H7
R	237.4	91.5	20.99	21.72	9.49	0.971	9.71	24.34	14.77
Y	236.1	153.1	28.91	36.15	20.41	0.794	3.40	25.10	13.10
B	236.1	164.2	29.69	38.71	24.21	0.767	6.70	23.10	11.00
N	48.8								
	TOTAL		79.59	96.58	54.11	0.884 (Av)			

Table 2.2 Average Power consumption at the Incomer of 250kVA DG

	V	I(Amps)	kW	kVA	kVAr	pf
R	238	190	35.71	45.3	27.5	0.790
Y	241	140	25.80	33.7	21.2	0.764
B	240	129	23.84	31.0	19.8	0.770
N	56					
	TOTAL		85.45	110.04	68.50	0.775

Table 2.3 Six step (manual) Capacitor Bank function test

Step	kVAr	Observations	Recommendations
1	5	Y & B-Phase weak	To be replaced
2	10	Ok, working	NIL
3	15	B-Phase not working, burnt	Repair needed
4	15	Ok, working	NIL
5	25	B-Phase weak, burnt	Repair needed
6	25	Ok, working	NIL

Observations:

1. The average PF (power factor) of the college loads is around 0.775 as seen during DG operation
2. While with the transformer as source of power, the PF correction is happening on the R phase only
3. The PF correction, if any, on the other two phase is very marginal and not sufficient
4. The load is between 80kW to 85kW
5. The uncompensated kVAr is around 50kVAr (responsible for poor PF)
6. Phase-wise Loading pattern is highly unbalanced and varying.
7. Power factor improvement equipment (Panel) is manually operated and therefore, its corrections is not dynamic according to variations in the load.
8. Only three steps are functional and the remaining three steps need repair/replacement attention
9. Neutral currents are large (both during mains supply and on DG also) which has to be near zero.
10. Harmonic currents are present, especially, 3rd, 5th and 7th order currents.
11. Periodic general housekeeping (Cleaning and dust removal) has to be put in place
12. Insulation floor mats missing in front of panels.

Recommendations:

1. Power factor has to be improved by introducing an APFC panel, this will also reduce the undesirable neutral current, and also reduce the load current thereby increasing the life of cables used.
2. Load balancing exercise if possible should be attempted.
3. 3.3 kV rated conforming to IS 15652-2006 must be placed in front of all Electrical Panel boards as it is a Safety non-conformance.
4. The harmonic currents may have to be mitigated as they can harm equipments in the electronics labs and motors in use both for the pumps and test benches in the labs.

2.2 ELECTRICITY DISTRIBUTION AND BREAKDOWN OF ELECTRICITY CONSUMPTION

KSIT utilises BESCO as the prime power source to meet the entire electricity requirement of the campus. The main feeder data collected are given in the tables below.

Table 2.3 DB-1 from Feeder-1 (Engg Old Bldg back) @ I/C of 250A 4P MCCB

	V	I(Amps)	kW	kVA	kVAr	pf	H3*	H5*	H7*
R	240	69	12.50	16.6	11.91	0.755	7.50	6.10	3.50
Y	243	50	8.10	12.2	9.15	0.660	5.00	11.20	4.10
B	242	43	6.30	10.4	8.25	0.606	5.50	5.50	0.00
N	23								
	TOTAL		26.90	39.20	29.31	0.674	Av		

* Max harmonics contributed from load in 3rd 63A MCB in first row

Table 2.4 DB-3 Admin & Canteen Loads (Basement next to canteen)

	V	I(Amps)	kW	kVA	kVAr	pf
R	238	22.8	3.95	5.43	3.73	0.727
Y	238	19.6	3.97	4.66	2.44	0.851
B	238	6.2	1.04	1.48	1.05	0.700
N	8.6					
	TOTAL		8.96	11.57	7.22	Av0.759

No significant harmonic currents

Table 2.5 DB-4 Near Machine Shop

	V	I(Amps)	kW	kVA	kVAr	pf	H5	H7	
R	236	113	21.25	26.7	16.17	0.797	17.70	14.60	
Y	235	83.5	15.13	12.4	9.15	0.771	18.00	14.50	
B	236	86.2	15.32	20.3	13.32	0.753	18.00	13.50	
N	29								
	TOTAL		51.70	59.39	38.64	0.774	Av		

Table 2.6 Machine Shop B-004

	V	I(Amps)	kW	kVA	kVAr	pf
R	243	46.1	5.61	11.20	9.69	0.50
Y	242	43.4	5.36	10.50	9.03	0.51
B	242	42.2	4.99	10.20	8.89	0.49
N	2					
	TOTAL		15.96	31.90	27.61	0.50

Table 2.7 Foundry and Forging Lab

	V	I(Amps)	kW	kVA	kVAr	pf
R	244	27.0	2.77	6.59	5.98	0.42
Y	243	22.4	2.56	5.44	9.03	0.47
B	242	26.2	2.73	6.34	4.8	0.43
N	3.6					
	TOTAL		8.06	18.37	19.81	0.50

**Table 2.8 Computer network & Project work Lab OB 109A OB 109B
ML Lab & DBMS Lab 108A and 108B**

	V	I(Amps)	kW	kVA	kVAr	pf
R	240	15.0	18.72	36.00	30.75	0.52
Y	242	20.6	19.94	49.85	45.71	0.40
B	241	21.0	25.31	50.61	48.81	0.50
N	3.6					
	TOTAL		63.97	136.46	125.27	0.47

Table 2.9 Basic Electrical Engg and 25kVA UPS OB 308 & 309

	V	I(Amps)	kW	kVA	kVAr	pf
R	238	7.7	0.50	1.83	1.76	0.27
Y	239	6.2	0.65	1.48	1.33	0.44
B	241	8.7	1.03	2.10	1.83	0.49
	TOTAL		2.18	5.41	4.92	0.47

Anomaly in loading pattern

Table 2.10 15kVA UPS GF (near ladies' toilet)

	V	I(Amps)	kW	kVA	kVAr	pf
R	243	5.9	0.49	1.44	1.36	0.34
Y	244	3.4	0.26	0.83	0.79	0.31
B	242	5.3	0.28	1.28	1.25	0.22
N	1.2					
	TOTAL		1.03	3.55	3.40	0.47

Table 2.11 UPS Panel at Basement

	V	I(Amps)	kW	kVA	kVAr	pf	Busbar °C
R	237	55.2	8.77	13.10	9.73	0.670	50.5
Y	238	49.2	7.55	11.71	8.97	0.645	51.4
B	236	66.1	10.14	15.60	11.85	0.650	41.6
N	9						
	TOTAL		26.46	40.41	30.55	0.655	

Busbar temperatures are high, the room needs ventilation and cleaning

Table 2.12 Pump motors - 5kW Borewell motors at Basement

	V	I(Amps)	kW
R	231.5	10.71	1.86
Y	232.7	11.17	1.95
B	232.1	11.09	1.93
	TOTAL		5.74

	V	I(Amps)	kW
R	231.5	10.50	1.82
Y	232.2	11.16	1.94
B	232.1	10.80	1.88
	TOTAL		5.64

Sump Motor

	V	I(Amps)	kW
R	232.1	8.47	1.47
Y	230.9	8.60	1.49
B	231.5	8.11	1.41
	TOTAL		4.37

The following areas were also visited for Data collection but the values were too low for reporting, and they are:

1. B 002 FM Lab
2. B 001 Workshop practical Lab
3. B 007 Energy Lab
4. B 005 Heat transfer Lab
5. OB 210 Embedded Lab & OB 211 VLSI Lab (Both supplied from UPS)
6. OB 010 Electronics Devices Lab & OB 011 Digital Systems Lab (Both supplied from UPS)

3. Earth Pit -Test Results

The major electrical Sources installed in KSIT as listed above are the outdoor oil-cooled 250kVA transformer and two DGs of capacity of 250kVA and 125kVA each. For the safety of the users it is **mandated** that these sources **MUST** have their neutral conductors earthed through Copper flat conductors to a well maintained earth pits whose ground resistances should be less than 2Ω . The tested values are given below.

EP-DG1N1-13.01 Ω EP-DG1N2-13.60 Ω



Earth pit NOT traceable, interconnections with Bolts not allowed, should be braised



Neutral earth strip from transformer is detached from earth conductor, therefore transformer neutral earth was floating posing a great danger to the mains supply users

4. LIST OF RECOMMENDED ENERGY SAVINGS OPPORTUNITIES AT KSIT ENERGY CONSERVATION MEASURES

ECM-1: To replace the battery and UPS systems spread in various locations to one or two centralised locations

PRESENT LOCATION OF THE SYSTEM AND PROPOSAL

- Consolidation of UPS system in Laboratory and Server Room and other areas
- Good Batteries may be used and replacement of faulty ones is necessary

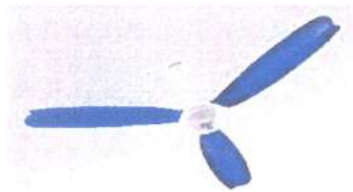
ECM-2: Replace identified ceiling fans with energy-efficient fans

PRESENT SYSTEM

- KSIT has all conventional ceiling fans installed and operated in the class rooms, labs and hostels at the college campus
- Ceiling fans are the major loads at the KSIT campus.
- Rated power for the existing fans are around 80W and will consume around 80 watts at full speed

PROPOSAL

- Replace existing conventional fan with high energy-efficient fans
- The rated power of the proposed fans will be around 35 W at maximum speed and will consume power varying 10 W to 35 W based on the speed
- The proposed fan is available with variance of color and comes with handy remotes too.



PROPOSED FAN

ESTIMATED BENEFITS

Recurring annual cost savings	: Rs. 95,722 (17,172 units saved)
Capital Investment (approximate)	: Rs. 10,10,000
Payback Period	: 126 months
Savings measurement	: Direct

ECM-3: Install Solar Water Heaters

PRESENT SYSTEM

- KSIT has Geysers installed at the Boy's and Girl's Hostels
- At 3hours a day for 300 working days, the energy consumption is estimated to be 32,400 units.
- This costs KSIT about Rs 180,500 annually.

PROPOSAL

- Replace existing electric Geysers with rooftop solar Water heaters



ESTIMATED BENEFITS

Recurring annual cost savings	: Rs. 1,80,500 (32,400 units saved)
Capital Investment	: Rs. 21,70,500
Payback Period	: 12 months
Savings measurement	: Direct

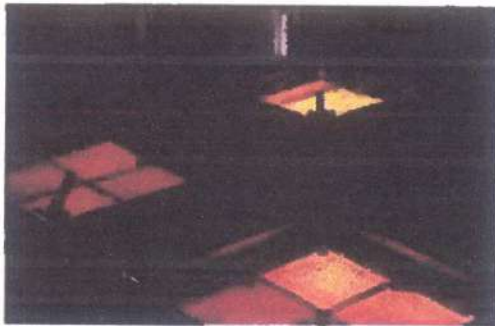
ECM 4: REPLACE CONVENTIONAL TYPE LPG FIRED STOVES WITH AN ENERGY-EFFICIENT BURNER TO SAVE GAS CONSUMPTION

PRESENT SYSTEM

- Kitchen gas stoves are installed with conventional type burners
- Maximum thermal efficiency of conventional type burner is in the range of 36 - 45 %
- For ease of ignition purpose the idle gas is continuously blown in each kitchen gas burners irrespective of gas stove usage. See typical pictures in the following section of existing type burners

PROPOSAL

- Replace conventional type LPG gas stove and burners with patented energy-efficient radiant heating technology using the same LPG. The 24 gas stoves are recommended for replacement with the new radiant heating stoves.
- The proposed heating system thermal efficiency is in the range of 65 - 68 % which is equivalent to about 30 % savings in LPG
- Proposed heating system is indirect heating, so it improves even heat distribution over the vessel/pan and there is no carbon soot formation on the vessels
- This scheme is successfully implemented in several Hotels and staff canteens across India including Taj and ITC group of hotels.



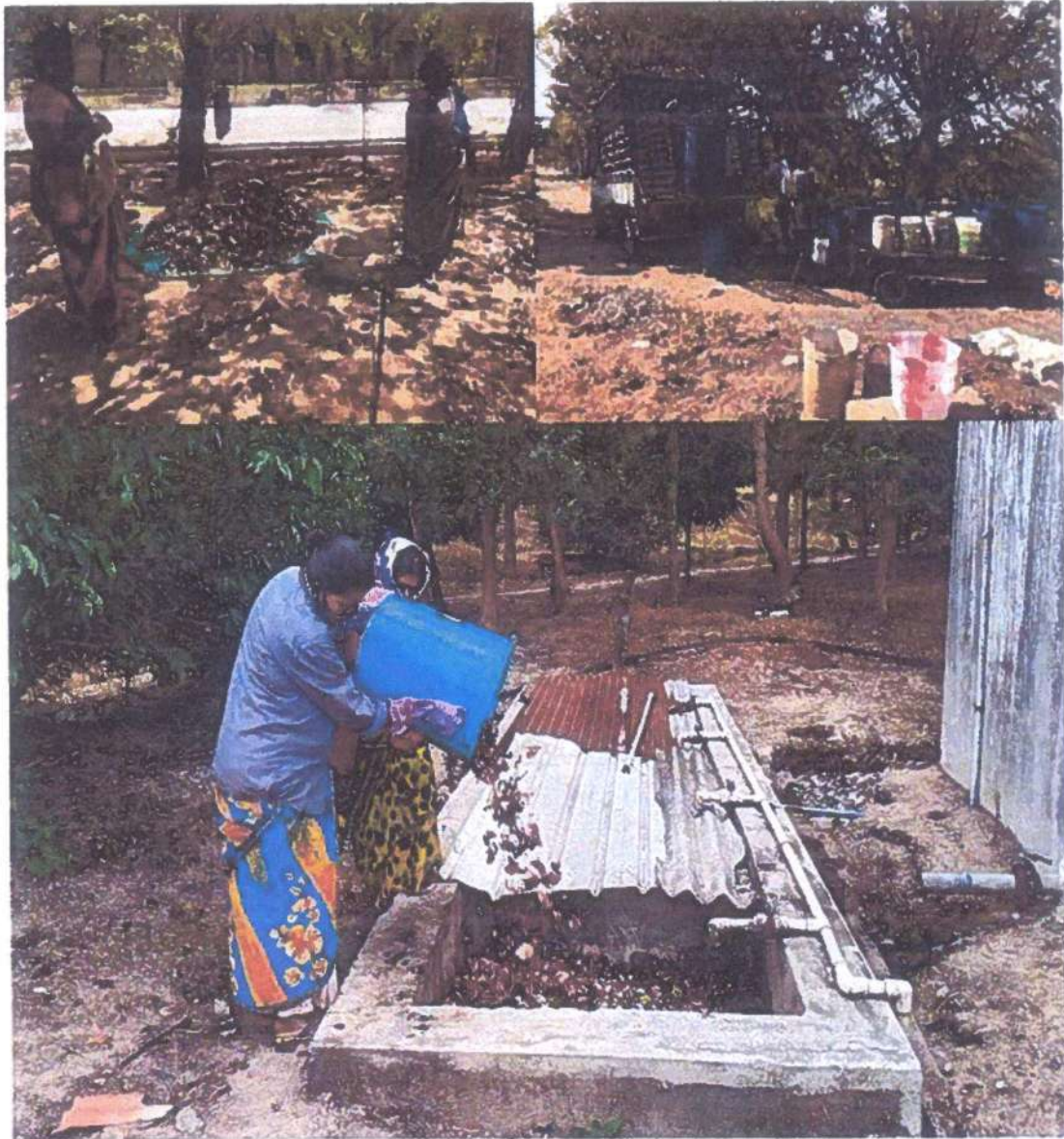
PROPOSED ENERGY-EFFICIENT STOVES

ESTIMATED BENEFITS

Recurring annual cost savings	: Rs. 220,977
One-time cost of implementation	: Rs 670,000
Payback period	: 36 months
Savings measurement	: Direct

5. Bio Waste Management

Bio waste is segregated and that which can be composted are diverted to the Compost/vermi-culture area and the compost used for the garden could be implemented in the Campus.



6. OTHER GREEN INITIATIVES

i. Solar Investments

KSIT can investigate implementation of a Rooftop Solar Power plant on the roof of the various Blocks



It is recommended to install Solar water heater to meet the hot water requirements of the KSIT Hostels as presently electric Geysers are used. Currently the annual geyser energy consumption is about 32,000 units leading to a cash out flow of about Rs 1,80,000/=. A low-lying area may be chosen to make an artificial pond, which will attract birds, and this will also help recharging the water table of the area and control landslides and floods in the region.

OBSERVATIONS

Along with the above other initiatives mentioned in the previous section the same will be considered by the management based on the feasibility and cash flow of the institution.

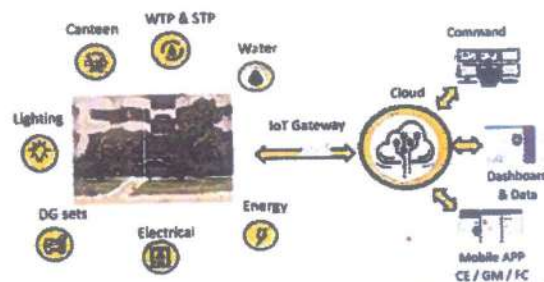
Internet of Things (IoT) based Automation Solutions:

Today the conventional method of monitoring and controlling is getting replaced/upgraded with Artificial Intelligence (AI) – Internet of Things (IoT) based automated solutions. AI-IoT automation promises “intelligent solutions,” where management can run the facility wherever they are instead of physically from control room or in-situ. Intelligent automated operations are far simpler, easy to understand and operate, have accurate information all the time, eliminate inefficiencies, sustain the gains. Accordingly, AI-IoT automation is the new normal.

On a need basis, KSIT could take the assistance of e-XCEL for detailing out IoT schemes as a separate assignment. In such a case, if desired by KSIT, Proof-of-Concept (PoC) can be carried out by E-XCEL for meeting any priority requirements.

Benefits of AI IoT based automated solutions

- Identify the pain points and adapt mitigating solutions which would concurrently yield monetary benefits.
- Through the sensors and monitors coupled with connected load, will automate the utility equipment operation and control energy consumption based on optimum level without hindering the operation of the facility.
- Other key monitoring sensors and meters will help in the benchmarking, 365-day monitoring of major key energy areas and help management to help reduce operating cost.



A typical representation of IoT based Automation System for a College Campus

Note: These are observations from the data collected during the audit period; any changes subsequently made are not part of the report.

TEST REPORT AFTER DOING THE EARTHING NEWLY DONE

Test Report for Neutral Earth Pits

Tested On Date:12/01/2024
Next Due On:11/01/25

Report No.: EE/01/01-24
Page No.: 1 of 1

Site : **KSIT**
14, Kanakapura Road,
Raghuvanahalli,
Bengaluru 560109, Karnataka


Standards Used: -

Nomenclature	Make	Serial Number	Trace ability	Cal. Validity
Earth Tester	CIE DET 2000	200019690	EIC	Sep.2024

SI No	Location Description	Resistance Ω	Remarks
DG Area			
01	Earth Pit-01 125kVA DG Neutral	3.27	Passed
02	Earth Pit-02 250kVA DG Neutral -1	1.27	Passed
03	Earth Pit-03 250kVA DG Neutral- 2	1.65	Passed
Transformer Yard			
04	Earth Pit-04 Trafo Neutral - 1	0.73	Passed
05	Earth Pit-05 Trafo Neutral - 2	0.56	Passed

Note:

- 1) Please mark the borders of the pit with Yellow/Green paint and the lid/Cover with yellow and black stripes.
- 2) The resistance value with the test and Due dates to be marked on the lids/Covers

TESTED BY Vishwanath V Technician		For e-XCEL ENERGY  Authorized Signatory
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K.S. INSTITUTE OF TECHNOLOGY,

BENGALURU-560109

NSS UNIT

CIRCULAR

DATE: 04-06-23

NSS unit of KSIT is organizing an event on “**WORLD ENVIRONMENT DAY**” on 05/06/2023. All NSS Volunteers and faculty members are requested to join the program and make grand success.

Venue: Room no 101

TIME: 3:00pm-4:00pm


NSS.P.O


Principal
PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.

CC:

1. CEO – for kind information
2. MED:
3. ECE:
4. CSE:
5. AI & ML:
6. CSD:
7. Sc. & Humanities:
8. OFFICE:
9. Director- Admissions & PRO
10. Library:
11. TPO:
12. PED :
13. Transportation:



K.S. INSTITUTE OF TECHNOLOGY

National Service Scheme

ರಾಷ್ಟ್ರೀಯ ಸೇವಾ ಯೋಜನೆ



14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109.

ENVIRONMENT DAY

DATE: 05\06\2023

Venue: KSIT Old building (Room number 007)

Organized By: NSS Unit of KSIT in Association with Institution's Innovation Council.

Duration: 02.00pm – 04.00pm.

Participants: Principle, CEO, All the department heads and NSS Volunteers.

INCHARGE FACULTY: Mr. Naveen V, NSS Program Officer, KSIT

OBJECTIVES:

It calls for collective,transformative action on a global scale to celebrate,protect and restore our planet Earth.

HISTORY OF ENVIRONMENTAL DAY

World environment day is celebrated on June 5 every year and this day is commemorated to raise awareness about environmental issues, the increasingly deteriorating conditions, climate change etc. This day acts as a reminder to people to be more considerate and aware of the Earth's existing conditions, in terms of the environment.

SCOPE OF THE PROGRAM

To celebrate by planting new saplings and create awareness by making posters.

HIGHLIGHTS OF THE EVENT

Inauguration of Environmental day was organized by welcoming all the dignitaries to the hall (Room number 007). We celebrated the environment day by making poster. All the NSS volunteers created the awareness by explaining the posters to the Dignitaries and for all the participants. The objective of making the posters on this day is to spread awareness among common people about the issues of the environment and the encourage common people from different society and community to actively participate. Finally distributed the prizes to encourage the participants.





PROGRAM OUTCOMES:

At the end of the programme, the following PO's are attained.

NSS	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO 11	PO 12
NSS PROGRAMME						2	3		3			3

Justification of PO mapping:

- *Students can able to assess societal, health, safety, legal and cultural issues and the consequent responsibilities .*
- *Students can able to Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development .*
- *Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.*
- *Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change*



NSS COORDINATOR

NSS Programme Officer
K S Institute of Technology
Kanakapura Main Road
Bengaluru - 560 109



PRINCIPAL
PRINCIPAL

K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.



K.S. INSTITUTE OF TECHNOLOGY

National Service Scheme

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14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109.

ENVIRONMENTAL DAY

Date of Conduction of Program: 06.06.2022

Venue: KSIT

Organized by: NSS UNIT OF KSIT

Duration: 2.50pm -3.30pm

Participants: Principal, NSS Officer, HOD's and NSS volunteers.

HISTORY OF ENVIRONMENTAL DAY

World environment day is celebrated on June 5 every year and this day is commemorated to raise awareness about environmental issues, the increasingly deteriorating conditions, climate change etc. This day acts as a reminder to people to be more considerate and aware of the Earth's existing conditions, in terms of the environment

SCOPE OF ENVIRONMENTAL DAY

To celebrate by planting new saplings.

OBJECTIVE OF THE EVENT

It calls for collective, transformative action on a global scale to celebrate, protect and restore our planet Earth.

HIGHLIGHTS OF THE EVENT

All the volunteers took part in the event for celebrating environmental day organized by KSIT NSS unit. They planted several saplings of different kinds. Students from all the semester came up front as a joint force to save mother Earth and to preserve and raise awareness about the deteriorating environmental conditions. The event went on successfully.



PRINCIPAL AND STAFF PLANTING SAPPLINGS



NSS UNIT CELEBRATING ENVIRONMENTAL DAY



ENVIRONMENT DAY

Date of Conduction of Program: 5th MAY, 2018

Venue:Thurahalli forest area

Organized by: NSS unit in association with Forest department &Parisara samrakshana vokuuta.

Duration: 10.30 am to 3 pm

Participants: NSS Volunteers and Government school students and local people.

WORLD ENVIRONMENT DAY HISTORY

World Environment Day (also called as WED) has been started celebrating as an annual event on every 5th of June since 1973 in order to raise the global awareness about the importance of the healthy and green environment in the human lives, to solve the environmental issues by implementing some positive environmental actions as well as to make aware common public worldwide that everyone is responsible for saving his environment and not only somebody, government or organizations working for it.

Scope of the program:- The environment has become increasingly polluted with contaminants and toxins, and these have a harmful impact on our health. They can cause respiratory diseases and cancer—and that's just for starters. By raising awareness of the issues with the air that sustains us, World Environment Day inspires us to do something about it and fix the environment we can't live without.

Objectives of the program:-

- 1) To bring awareness to people about ENVIRONMENT
- 2) To make the environment clean

Highlights of the program:-

NSS unit in association with forest department and an NGO Parisara samrakshana vokutta successfully conducted an event of sowing seed balls of different jungle trees in the Thurahalli forest area with the help of Government school children's ,NSS Volunteers,localites.The program was inaugurated by Regional forest officer, Mr Mukund rao founder of Parisara smrakshana vokutta and Mr.Chowdappa.M.R NSS Programme officer,Mr.Umesh Physical education director of KSIT.we have also conducted an Environment awareness program to the students in this program.



AWERNESS PROGRAM BY NSS PO





SEEDS OF DIFFERENT TREES TO SOW



PERFORMING POOJA FOR THE SEEDS



SOWING SEEDS IN THE FOREST AREA BY NSS VOLUNTEERS



SOWING SEEDS IN THE FOREST AREA BY NSS VOLUNTEERS AND SCHOOL CHILDRENS



NSS VOLUNTERS WITH SCHOOL CHILDRENS



ENVIRONMENT DAY 05-06-2018

HAZARDOUS CHEMICALS WASTE MANAGEMENT REPORT



Kammavari Sangham (R) - 1952
K.S.Group of Institutions
K S INSTITUTE OF TECHNOLOGY

#14,Raghuvanahalli, Kanakapura Main Road,Bengaluru-560109

DEPARTMENT OF CHEMISTRY REPORT ON HANDLING OF HAZARDOUS CHEMICALS

Date: 1-09-2022

Raw chemicals are not using directly, chemicals are diluted at very low grade concentrations, and while doing experiments again it will get even more diluting. And finally it is collected in waste chemical collecting containers and again it is diluted with water and dumped in separate drainage pits, empty chemical containers were handled to house keeping department.

Fuming chemicals are handled separately in fumigation chamber which will exhaust separately through fuming ducts while doing solution preparations. Flammable chemicals are stored in cool and dry place avoiding sunlight, electrical batteries and switches to avoid short circuits etc..

Washing hands with soap after using chemicals for both students and staff.

Instructing students to wear uniform, apron and shoes for safety.

First aid kit facility is provided for laboratory.

Minimal usage of chemicals for the experiments.

Laboratory safety practices followed.


LAB. INCHARGE
(SHYLAJA K.R.)


LAB. INSTRUCTOR
(DEEPAK RAJ R.T.)


PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.

E- WASTE MANAGEMENT REPORT



CERTIFICATE OF DESTRUCTION

Date: 01-08-2023

REFNO: EPRCR/23-24/0158A

PCE/WMC/37/E-Waste/2015/2018-19/Reg.No.166812/2019

We certify that, we have recycled in an environmental friendly manner

Scrap & weight of quantity of CPU-52, Manitor-84, Keyboards-41, Mouse-36, Projector-07, Printers-4, Laptops-1, Interfacing-16, Air Conditioner-1, Network Switches-3, Power Cables-1 Box, VGA Cable-1 Box, Empty Cartridges-33, Paper bedder-1 No's of electronic scrap & E-Waste picked

Total Weight: 1780 KGS.

From:

K.S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Main Road, Bangalore-560109.

Pickup Date: 25/07/2023

Epragathi recycling hereby declares to that collected E-waste is Destructed According to all applicable local, state & central guidelines

Epragathi Recycling acknowledges receipt of the Material listed on COD including any data storage media present in the Material. Epragathi Recycling certifies that all the information and data on the Media is completely crused and unrecoverable.

Ramesh
Principal
INSTITUTE OF TECHNOLOGY
BENGLURU - 560109

GST No. 29BUPB8342G1Z0

Road No. 18, H1A08 Industrial Area, 2nd Phase, Antharasanahalli, Tumkur - 572 106,
Ph: 9890455517 TOLL F. No. : 18002585106 E-mail : ramesh@epragathi.com





KSIT
K.S. INSTITUTE OF TECHNOLOGY

Kammavari Sangham (R) 1952
K.S. GROUP OF INSTITUTIONS

ಕೆ.ಎಸ್. ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ

K.S. INSTITUTE OF TECHNOLOGY

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited NAAC & NBA (CSE, ECE and ME)

14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560 109.

Tel : 080 28435722 / 24, Fax : 080 28435723

E-mail : principal.ksit@gmail.com / principal@ksit.edu.in | Website : www.ksit.edu.in

Ref : KSIT/DATA-CENTER/LET/2023-24/042

Date : 25/07/2023

To,

The Principal,
KSIT, Bangalore - 560 109.

From,

K. RAJESH,
System Analyst, CSE Dept.,
KSIT, Bangalore - 560 109.

Respected Sir,

Sub: Request for Release the Departments e-Scrap Items from KSIT Campus to
Epragathi Recycling, 66,87,88,89/1, Road No. 18 & 19, KIADB Industrial Area,
2nd Phase, Antharasanahalli, Tumkuru - 572106.

With reference to the above subject, I K. Rajesh working as a system analyst in K.S.Institute of Technology, Bangalore - 560 109. I prepared & checked the list of e-Scrap items from the departments with your instructions. We request you to give the permission to take **Epragathi Recycling Company** for e-Scrap items from departments. Please kindly do the needful to us for the following list of e-Scrap items release from departments is as follows:

SL.NO	DESCRIPTION	QTY	ePRAGATHI RECYCLING	
			offered Unit Price (In Rs.)	Total Units Amount (In Rs.)
1	Total Number of CPU's	52	500.00	26,000
2	Total Number of Monitors	84	300.00	25,200
3	Total Number of Keyboards	41	20.00	820
4	Total Number of Mouses	36	5.00	180
5	Total Number of Projectors	07	350.00	2,450
6	Total Printers	04	550.00	2,200
7	Total Number of Laptops	01	1,100.00	1,100
8	Total Numbers of Interfacing	16	10.00	160
9	Total Number of Air Conditioners	01	1,000.00	1,000
10	Total Number of Network Switches	03	350.00	1,050
11	Total Number of Power Cables	01 Box	750.00	750
12	Total Number of Vga cable	01 Box	100.00	100
13	Total Number of Empty cartridges	33	10.00	330
14	Paper Shedder	01	500.00	500
			Total Amount (In Rs)	61,840
			Less Transportation Charges	10,000
			Grand Total Amount Need to be Receive From ePragathi Recycling (In Rs)	51,840

Thanking you sir,

Yours Sincerely

Rajesh
(K.RAJESH)

System Analyst, CSE Dept., KSIT

[Signature]

PRINCIPAL

PRINCIPAL

K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.



K.S. INSTITUTE OF TECHNOLOGY

14, Raghuvanahalli, Kanakapura Road, Bangalore - 560 109

K S I T

RECEIPT

No. 1879

Date: 25/07/23

Received from Mr./Miss E. Pragnathi Recycling


..... studying in B.E.

a sum of Rupees Fifty One Thousand Eight hundred & forty only

towards Library Fine / Certificates / Attestation / Lab breakage / Application / Miscellaneous.

Sale of e-Scrap items from all Dept. of K.S.I.T.
vide NEFT / N 205232560829214 / 24/07/23

Rs. 51,840/-


Accountant

CREDIT TAX INVOICE

(ORIGINAL FOR RECIPIENT)

SHIVA ELECTRICALS
 NO.3041/1, 14TH CROSS,
 SHASTRINAGAR MAIN ROAD,
 BANGALORE - 560070.
 8088855222 / 8088855599
 GSTIN/UIN: 29AFCPN0921L1ZD
 State Name : Karnataka, Code : 29
 E-Mail : sunithaprasad2010@gmail.com
 Consignee (Ship to)

K.S.I.T
 Raghuvanahalli, Kanakapura Road
 Bangalore
 State Name : Karnataka, Code : 29
 Buyer (Bill to)

K.S.I.T
 Raghuvanahalli, Kanakapura Road
 Bangalore
 State Name : Karnataka, Code : 29

Invoice No. **SE/CR/5109/23-24** Dated **17-Jan-24**
 Delivery Note Mode/Terms of Payment
 Reference No. & Date. Other References
 Buyer's Order No. Dated
 Dispatch Doc No. Delivery Note Date
 Dispatched through Destination
 Terms of Delivery

SI No	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	GM Strato 20w LED 4Feet Fitting ✓	94054090	40 Nos	169.49	Nos		6,779.60
2	Indoasian MCB SPN 06A to 32A ✓	85362030	5 Nos	770.00	Nos	55 %	1,732.50
3	Flexible Pipe 19mm (3/4") Per Mtr ✓	39172190	50.000 Mtrs	6.00	Mtrs		300.00
4	Roma Surface PVC Box 06M ✓	85381090	7 Nos	113.00	Nos	45 %	435.05
5	Roma Deko Plate 06M ✓	85389000	7 Nos	171.00	Nos	48 %	622.44
6	Roma 10A 1way Switch ✓	85365020	7 Nos	71.00	Nos	48 %	258.44
7	Roma 20A & 10A Twin Socket ✓	85366910	14 Nos	258.00	Nos	48 %	1,878.24
8	MCB Box 2Pole ✓	39174000	4 Nos	39.00	Nos		156.00
9	Insulation Tape ✓	85469090	5 Nos	17.00	Nos		85.00
10	Lisha Socket Type Step Regulator ✓	84149030	1 Nos	335.00	Nos		335.00
							12,582.27
							1,132.40
							1,132.40
							(-)0.07

Less: **SGST**
CGST
ROUNDING OFF

① Net work switch box fixing
 ② LED Bulbs.

PAYMENT DETAILS
 CHQ / VR No. **247261** Dt **22.01.24**
 AMOUNT Rs **14,847/-**
 SECRETARY TREASURER

MSIT SECURITY CHECKED
 DATE: 17/01/24
 TIME: 12:40
 SIGN: YBB

Total **₹ 14,847.00**
 E & OE

Amount Chargeable (in words)
INR Fourteen Thousand Eight Hundred Forty Seven Only

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
 Bank Name : **YES BANK - 186**
 A/c No. : **046463400000186**
 Branch & IFS Code: **B.S.K.3RD STAGE & YESB0000464**

Customer's Seal and Signature

for SHIVA ELECTRICALS

P. Chittabettu

Authorised Signatory

SUBJECT TO BANGALORE JURISDICTION
 This is a Computer Generated Invoice

210
1200

TAX INVOICE
M.B. CONTROLS#
 125, 1st Floor, 4th Main 4th Block,
 THYGARAJANAGAR BANGALORE-560028.
 GST NO : 29ACBPB6657M1Z9.

M/S. K.S.I.T.
 1/4, KANAKAPURA ROAD,
 RAGHUVANAHALL,
 BANGALORE - 560 109.

INVOICE NO 052 DATE 08-12-22.
 GST NO : NOT APPLICABLE
 P.O. : VERBAL

SI.N.	DESCRIPTION	QTY	RATE		AMOUNT	
			Rs.	P.	Rs.	P.
1.	100 WATT LED FLOOD LIGHT WITH S.P.D..	8 NOS.	1950	00	15600	00
	HSN/SAC : 9405					
	C GST @ 9%				1404	00
	S GST @ 9%				1404	00
	(RS EIGHTEEN THOUSAND FOUR HUNDRED AND EIGHT ONLY.)					
	FOR M.B. CONTROLS.		TOTAL	RS	18408	00

(AB)

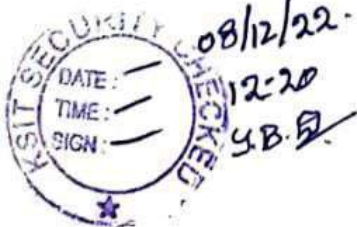
PAYMENT DETAILS

CHQ / VR No. 002374 28.12.22

AMOUNT RS 18,408/-

SECRETARY

TREASURER



NB: Recorded in
 Stock Register &
 PC.

23/12/22

(S)

K.S.I.T

CREDIT TAX INVOICE

(ORIGINAL FOR RECIPIENT)

SHIVA ELECTRICALS (2022-2023)
NO.3041/1, 14TH CROSS,
SHASTRINAGAR MAIN ROAD,
BANGALORE - 560070.
8088855222 / 8088855599
GSTIN/UIN: 29AFCPN0921L1ZD
State Name : Karnataka, Code : 29
E-Mail : sunithaprasad2010@gmail.com
Consignee (Ship to)

Invoice No.	Dated
SEICR13906122-23	13-Dec-22
Delivery Note	Mode/Terms of Payment
Reference No. & Date.	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination
Terms of Delivery	

K.S.I.T
Raghuvanahalli, Kanakapura Road
Bangalore
State Name : Karnataka, Code : 29
Buyer (Bill to)
K.S.I.T
Raghuvanahalli, Kanakapura Road
Bangalore
State Name : Karnataka, Code : 29

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	Finolex LMS PVC Pipe 19mm Ivory ✓	39172310	40 Nos	45.00	Nos		1,800.00
2	PVC Bend 19mm White ✓	39174000	144 Nos	7.00	Nos		1,008.00
3	PVC Jn. Box 19mm ✓	3917	12 Nos	14.00	Nos		168.00
4	Saddle White 19mm ✓	73071110	200 Nos	3.00	Nos		600.00
5	POP Screw 025mm ✓	73181400	1,000 Nos	0.48	Nos		480.00
6	Finolex Wire 180mtrs Coil 2.5sqmm ✓	85446020	1 Nos	4,043.00	Nos		4,043.00
7	Finolex Wire 180mtrs Coil 1.5sqmm ✓	85446020	2 Nos	2,522.00	Nos		5,044.00
8	MCB Box 3Pole / 4Pole ✓	8537	1 Nos	79.00	Nos		79.00
9	Modi Casing 25mm ✓	3916	10 Nos	45.00	Nos		450.00
10	Insulation Tape ✓	85469090	5 Nos	18.00	Nos		90.00
11	Roma Surface PVC Box 08M ✓	8538	3 Nos	158.00	Nos	40 %	284.40
12	Roma Deko Plate 08M H ✓	8538	3 Nos	208.00	Nos	48 %	324.48
13	Roma 10A 3PIN Socket ✓	8536	10 Nos	143.00	Nos	48 %	743.60
14	Roma 10A 1way Switch ✓	85365020	10 Nos	70.00	Nos	50 %	350.00
15	Roma 1M Blank Plate ✓	3926	6 Nos	35.00	Nos	48 %	109.20
16	High Speed 1200mm Brown Fan ✓	84145120	2 Nos	1,720.34	Nos		3,440.68
							19,014.36
							CGST
							SGST
							1,711.29
							1,711.29
							0.06

CGST
SGST
ROUNDING OFF

PAYMENT DETAILS

CHQ NO. 229400 301222

AMOUNT 22,437/-

SECRETARY [Signature]

TREASURER [Signature]

O.B
Quadrangle

Total 1,449 Nos ₹ 22,437.00 E. & O.E

Amount Chargeable (in words)
INR Twenty Two Thousand Four Hundred Thirty Seven Only

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
Bank Name : YES BANK - 186
A/c No. : 046463400000186
Branch & IFS Code : B.S.K.3RD STAGE & YESB0000464
for SHIVA ELECTRICALS (2022-2023)

Customer's Seal and Signature
P. Chitty Labu

Authorized Signatory [Signature]

SUBJECT TO BANGALORE JURISDICTION
This is a Computer Generated Invoice



Note: The ATM items are recorded with in PC & Stock Register 23/12

Johnson Lifts Private Limited

521/24, 2nd Cross, Garuthman Park, 2nd Block, Jayanagar, Basavanagudi P.O.,
Bangalore - 560 004

Phone : 26564084, 26564373
26564374, 26575092, 26575093
Fax : 26564086
E-mail : bangalore@johnsonlifts.com
Website : www.johnsonlifts.com

LB- 6289-90

September 14, 2007

M/s KSIT College of Engineering
Kanakapura Road, Mallasandra Village
Uttarahalli Hobli
Bangalore, Karnataka.



Dear Sir,

Sub: Supply & Erection of 2 Nos. "JOHNSON", 13 Persons (884 Kgs.) Electric Enduronic Lifts for your Building at Kanakapura Road, Bangalore, Karnataka.

With reference to the above, this is to inform you that the 2 Nos. (544 Kgs.), Electric Enduronic Lift materials have been delivered at the site 7/9/2007 & 14.9.2007 respectively.

As per the terms of payment, we are to receive an amount of **Rs. 16,27,500-00** (Rupees Sixteen Lakhs Twenty Seven Thousand Five Hundred Only) being the balance of 90% of the contract value now due.

We are furnishing below details of account with a request to release the payment immediately upon receipt of this letter and oblige.

PARTICULARS	DEBIT	CREDIT
CONTRACT VALUE OF THE LIFT- 2 NOS.	24,75,000-00	
90% OF THE AMOUNT DUE ON DELIVERY OF MATERIAL	22,27,500-00	
BY ADVANCE CH. NO. 799929 dtd. 18.6.2007		6,00,000-00*
TOTAL	22,27,500-00	6,00,000-00
AMOUNT DUE		16,27,500-00

Handwritten calculations on the right side of the page:
75/-
18,58,250/-
6,00,000/-

12,58,250/-

Thanking you,

Yours faithfully,
For Johnson Lifts Pvt. Ltd.,

Authorised Signatory.

- Cheque amount Rs. 9,00,000-00, out of which Rs. 3,00,000-00 has been transferred to LB-6287 (KSIT College of Engineering - Ragunahalli)

Handwritten notes and signatures:
① Chq. No. 799929 / 18/06/07 Rs. 9,00,000/-
② Chq. No. 798001 / 30/10/07 Rs. 7,00,000/-

Handwritten signature or initials at the bottom left.

RENEWAL AGREEMENT FOR ELEVATOR MAINTENANCE

Agreement in between "SURYA ELEVATOR SERVICES", having its registered office at #9, 2nd floor, 100ft ring road, behind devegowda petrol bunk, BSK 3rd stage, Bengaluru-560085. (Here in after referred to as "SURYA")

And

The Owner; **KS Institute of Technology / KSIT, #14, Raghunahalli, Kanakapura Road, Bangalore.**
(Hereinafter referred to as "Owner")

Site Details:

Ref No.	SES/MRC/2023-24/090	Date:08/07/2023
Name of site	KS Institute of Technology / KSIT,	
Address of site	#14, Raghunahalli, Kanakapura Road, Bangalore	
Name of Contact Person		
Phone no.	9845136097	
Warranty/Maintenance Expired on	31-08-2023	

Equipment & Maintenance Price Details:

SL. No.	LIFT No.	Basic Price per Lift Rs.	No. of Lifts	Total Amount Rs.	GST@18%		Total Contract Value Rs.
					CGST@9%	SGST@9%	
1	H-069	Rs.23,492	1	Rs.23,492	Rs.2,114	Rs.2,114	Rs.27,720
2	K-002m	Rs.23,492	1	Rs.23,492	Rs.2,114	Rs.2,114	Rs.27,720
GOLD / PLATINUM			GOLD		TOTAL AMOUNT		Rs.55,440

RUPEES: Fifty Five Thousand Four Hundred Forty Only .

Pay as per old Rates

Cash / Cheque no.	dtd	Bank	Rs.	48,500/-	<i>[Signature]</i>
Contract Value: Rs.	Received: Rs.	Balance:			

Tenure and Mode of Payment:

Contract Period	Start	01-09-2023	End	31-08-2024
Price increased after 12 months	10% on above contract value <i>Gross - 48,500/-</i>			
Next price increased on	01-09-2023 <i>(- TDS (2.1) - 960/-)</i>			
Mode of Payment	Yearly 100% in Advance <i>net - 47,040/-</i>			

"SURYA" agrees, upon the terms and conditions (attached) of this Agreement, to provide the maintenance and repair services specified in Conditions mentioned over leaf ("the Services") in respect of the Equipment located at the above cited Premises.

In consideration of the provision by "SURYA" of the Services, the Owner agrees to pay the Maintenance charges on the Payment Dates.

This Agreement shall commence on the Commencement Date and will continue for the Period of Agreement specified above and will continue thereafter on an annual basis unless terminated by either party giving prior notice not less than three calendar months.

For and on behalf of
SURYA ELEVATOR SERVICES

For and on behalf of
Owner



[Signature]
16/08/23

(Signature with Name & stamp)
Mobile No.

PAYMENT DETAILS

CHQ/VR No.	241220 Dt	17/08/23
AMOUNT Rs	47,040/-	
<i>[Signature]</i>	<i>[Signature]</i>	
SECRETARY	TREASURER	

SURYA ELEVATOR SERVICES

A Division of Surya Elevators Private Limited

Regd. Office : # 9, 2nd Floor, 100 ft Ring Road, Behind Devegowda Petrol Bunk, BSK 3rd Stage, Bangalore - 560 085, India.
Mobile : 96112 21177, T : 080 - 2679 2099, T/F : 080 - 2679 2080, E : service@suryaelevators.com, www.suryaelevators.com

RENEWAL AGREEMENT FOR ELEVATOR MAINTENANCE

Agreement in between "SURYA ELEVATOR SERVICES", having its registered office at #9, 2nd floor, 100ft ring road, behind devegowda petrol bunk, BSK 3rd stage, Bengaluru-560085. (Here in after referred to as "SURYA")

And

The Owner: KS Institute of Technology / KSIT, #14, Raghunahalli, Kanakapura Road, Bangalore. (Hereinafter referred to as "Owner")

Site Details:

Ref No.	SES/MRC/2022-23/094	Date:04/07/2022
Name of site	KS Institute of Technology / KSIT	
Address of site	#14, Raghunahalli, Kanakapura Road, Bangalore	
Name of Contact Person		
Phone no.	9845136097	
Warranty/Maintenance Expired on	31-08-2022	

Equipment & Maintenance Price Details:

SL. No.	LIFT No.	Basic Price per Lift Rs.	No. of Lifts	Total Amount Rs.	GST@15%		Total Contract Value Rs.
					CGST@9%	SGST@9%	
1	H-069	Rs.21,356	1	Rs.21,356	Rs.1,922	Rs.1,922	Rs.25,200
2	K-002m	Rs.21,356		Rs.21,356	Rs.1,922	Rs.1,922	Rs.25,200
GOLD / PLATINUM			GOLD		TOTAL AMOUNT		Rs.50,400
RUPEES: Fifty Thousand Four Hundred Only. <i>Pay as per SA Rules Rs. 48,000/-</i>							
Cash / Cheque no.		dtd	Bank		Rs.		<i>21/7/22</i>
Contract Value: Rs.			Received: Rs.		Balance:		

Tenure and Mode of Payment:

Contract Period	Start	01-09-2022	End	31-08-2023
Price increased after 12 months	10% on above contract value <i>Gross - 48,000/-</i>			
Next price increased on	01-09-2023 <i>(-TDS (2.1) - 960/-)</i>			
Mode of Payment	Yearly 100% in Advance <i>net - 47,040/-</i>			

"SURYA" agrees, upon the terms and conditions (attached) of this Agreement, to provide the maintenance and repair services specified in Conditions mentioned over leaf ("the Services") in respect of the Equipment located at the above cited Premises.

In consideration of the provision by "SURYA" of the Services, the Owner agrees to pay the Maintenance charges on the Payment Dates.

This Agreement shall commence on the Commencement Date and will continue for the Period of Agreement specified above and will continue thereafter on an annual basis unless terminated by either party giving prior notice not less than three calendar months.

For and on behalf of
SURYA ELEVATOR SERVICES

[Signature]
(Signature & Stamp)

For and on behalf of
Owner

(Signature with Name & stamp)
Mobile No.

SURYA ELEVATOR SERVICES

A Division of Surya Elevators Private Limited

Regd. Office : # 9, 2nd Floor, 100 ft Ring Road, Behind Devegowda Petrol Bunk BSK 3rd Stage, Bangalore - 560 085, India.
Mobile : 96112 21177, T : 080 - 2679 2099, T/F : 080 - 2679 2080, E : service@suryaelevators.com, www.suryaelevators.com

PAYMENT DETAILS	
CHQ/VR No	22106901200822
AMOUNT Rs	47,040/-
<i>[Signature]</i>	
SECRETARY	
TREASURER	

RENEWAL AGREEMENT FOR ELEVATOR MAINTENANCE

Agreement in between "SURYA ELEVATOR SERVICES", having its registered office at #9, 2nd floor, 100ft ring road, behind devogowda petrol bunk, BSK 3rd stage, Bengaluru-560085. (Here in after referred to as "SURYA")

And

The Owner: **KS Institute of Technology / KSIT** , #14, Raghunahalli, Kanakapura Road, Bangalore. (Hereinafter referred to as "Owner")

Site Details:

Ref No.	SES/MRC/2021-22/104	Date:13/07/2021
Name of site	KS Institute of Technology / KSIT	
Address of site	#14, Raghunahalli, Kanakapura Road, Bangalore.	
Name of Contact Person		
Phone no.	9845136097	
Warranty/Maintenance Expired on	31-08-2021	

Equipment & Maintenance Price Details:

SL. No.	LIFT No.	Basic Price per Lift Rs.	No. of Lifts	Total Amount Rs.	GST@18%		Total Contract Value Rs.
					CGST@9%	SGST@9%	
1	H-069	Rs.21,356	1	Rs.21,356	Rs.1,922	Rs.1,922	Rs.25,200
GOLD / PLATINUM			GOLD		TOTAL AMOUNT		Rs.25,200
RUPEES: Twenty five Thousand Two Hundred Only							24,000 =
Cash / Cheque no.	dtd	Bank	Rs.				
Contract Value: Rs.	Received: Rs.	Balance:					

Tenure and Mode of Payment:

Contract Period	Start	01-09-2021	End	31-08-2022
Price increased after 12 months	10% on above contract value			
Next price increased on	01-09-2022			
Mode of Payment	Yearly 100% in Advance			

"SURYA" agrees, upon the terms and conditions (attached) of this Agreement, to provide the maintenance and repair services specified in Conditions mentioned over leaf ("the Services") in respect of the Equipment located at the above cited Premises.

In consideration of the provision by "SURYA" of the Services, the Owner agrees to pay the Maintenance charges on the Payment Dates.

This Agreement shall commence on the Commencement Date and will continue for the Period of Agreement specified above and will continue thereafter on an annual basis unless terminated by either party giving prior notice not less than three calendar months.

For and on behalf of
SURYA ELEVATOR SERVICES

(Signature & Stamp)

For and on behalf of
K.S. INSTITUTE OF TECHNOLOGY

(Signature)
SECRETARY

(Signature with Name & stamp)
TREASURER
Mobile No: _____

① 24,000/-
② 24,000/-
Gross - 48,000/-
(-) TDS (2%) 960
47,040/-
SURYA ELEVATOR SERVICES
A Division of Surya Elevators Private Limited

PAID DETAILS
CHO / VR No: 203787 Dt: 27.07.21
AMOUNT Rs: 24,000 | 47,040 | -
(Signature)
TREASURER

AGREEMENT FOR ELEVATOR MAINTENANCE

Agreement in between "SURYA ELEVATOR SERVICES", having its registered office at #9, 2nd Floor, 100ft Ring Road, Behind Devegowda Petrol Bunk, BSK 3rd Stage, Bangalore. (Here in after referred to as "SURYA")

And

The Owner: KS Institute of Technology / KSIT, Kanakapura main road, Bangalore. (Hereinafter referred to as "Owner")

Site Details:

Ref No.	SES/ADMR-B/BNG/2020-21/AMC0594	Date: 10.06.2020
Name of Site	KS Institute of Technology	
Address of Site	Kanakapura main road, Bangalore.	
Name of Contact Person	K Venkatesh Naidu	
Phone No.	9845136097	
Warranty/Maintenance Expired on	31-05-2020	

Equipment & Maintenance Price Details:

SL. No.	LIFT No.	Basic Price per Lift Rs.	No. of Lifts	Total Amount Rs.	GST@ 18%		Total Contract Value Rs.
					CGST@ 9%	SGST@ 9%	
1	K-002M		1				
2							
SILVER / GOLD / PLATINUM				CHQ / VR No.	00 221901 18/06/20	TOTAL AMOUNT	24,000
RUPEES:				AMOUNT Rs	24,000/-	47280/-	
Cash / Cheque no.			dtd	Bank	Rs.		
Contract Value: Rs.			Received: Rs.	Balance: Rs.			

Tenure and Mode of Payment:

Contract Period	Start	SECRETARY	01-06-2020	End	TREASURER	31-05-2021	31.08.2021
Price increased after 12 months	10% on above contract value						
Next price increased on	01-06-2021						
Mode of Payment	Yearly 100% in Advance						

"SURYA" agrees, upon the terms and conditions (attached) of this Agreement, to provide the maintenance and repair services specified in Conditions mentioned over leaf ("the Services") in respect of the Equipment located at the above cited Premises.

In consideration of the provision by "SURYA" of the Services, the Owner agrees to pay the Maintenance charges on the Payment Dates.

This Agreement shall commence on the Commencement Date and will continue for the Period of Agreement specified above and will continue thereafter on an annual basis unless terminated by either party giving prior notice not less than three calendar months.

For and on behalf of
SURYA ELEVATOR SERVICES

(Signature & Stamp)

Pay 24,000/- 1.6.2020 to 31.08.2021
K. Venkatesh Naidu

For and on behalf of
Owner

(Signature with Name & stamp)

Mobile No.

SENIOR MANAGER
K.S. INSTITUTE OF TECHNOLOGY
BANGALURU-560 109

SURYA ELEVATOR SERVICES

A Division of Surya Elevators Private Limited

Regd. Office : # 9, 2nd Floor, 100 ft Ring Road, Behind Devegowda Petrol Bunk, BSK 3rd Stage, Bangalore - 560 085, India.
Mobile : 96112 21177, T : 080 - 2679 2099, T/F : 080 - 2679 2080, E : service@suryaelevators.com, www.suryaelevators.com



AGREEMENT FOR ELEVATOR MAINTENANCE

Agreement in between "SURYA ELEVATOR SERVICES", having its registered office at #9, 2nd Floor, 100ft Ring Road, Behind Devegowda Petrol Bunk, BSK 3rd Stage, Bangalore. (Here in after referred to as "SURYA")

And

The Owner: KS Institute of Technology / KSIT, Kanakapura main road, Bangalore. M#2 (Hereinafter referred to as "Owner")

Site Details:

Ref No.	SES/ADMR-B/BNG/2019-20/AMC0270	Date: 23.04.2019
Name of Site	KS Institute of Technology / KSIT-Lift-1&2	
Address of Site	Kanakapura main road, Bangalore.	
Name of Contact Person	K Venkatesh Naidu	
Phone No.	9845136097	
Warranty/Maintenance Expired on	31-05-2019	

Equipment & Maintenance Price Details:

SL. No.	LIFT No.	Basic Price per Lift Rs.	No. of Lifts	Total Amount Rs.	GST@ 18%		Total Contract Value Rs.
					CGST@ 9%	SGST@ 9%	
1	K-002M		1	48,000/-		(26,000 x 2)	
2	H-069		1				
SILVER / GOLD / PLATINUM					TOTAL AMOUNT		

RUPEES:

Cash / Cheque no.	dtd	Bank	Rs.
Contract Value: Rs.	Received: Rs.	Balance: Rs.	

Tenure and Mode of Payment:

Contract Period	Start	01-06-2019	End	31-05-2020
Price increased after 12 months	10% on above contract value			
Next price increased on	01-06-2020			
Mode of Payment	Yearly 100% in Advance			

"SURYA" agrees, upon the terms and conditions (attached) of this Agreement, to provide the maintenance and repair services specified in Conditions mentioned over leaf ("the Services") in respect of the Equipment located at the above cited Premises.

In consideration of the provision by "SURYA" of the Services, the Owner agrees to pay the Maintenance charges on the Payment Dates.

This Agreement shall commence on the Commencement Date and will continue for the Period of Agreement specified above and will continue thereafter on an annual basis unless terminated by either party giving prior notice not less than three calendar months.

For and on behalf of
SURYA ELEVATOR SERVICES

 (Signature & Stamp)
Ramesh

Gross - 48,000/-
 (-) TDS (2.1) 960/-
 Net - 47,040/-

For and on behalf of
Owner

PAYMENT DETAILS	
(Signature with Name stamp)	Mobile No.
CHQ / VR No	160080 Dt 26/06/19
AMOUNT Rs	47,040/-
SECRETARY	TREASURER

SURYA ELEVATOR SERVICES
A Division of Surya Elevators Private Limited

PAYMENT DETAILS

CHQ / VR No: 159186 Dtd 29/05/18
 AMOUNT: 24000/- 47040/-



AGREEMENT FOR ELEVATOR MAINTENANCE

Agreement in between "SURYA ELEVATOR SERVICES" having its registered office at #9, 2nd Floor, 100ft Ring Road, Behind Devegowda Petrol Bunk, BSK 3rd Stage, Bangalore. (Here in after referred to as "SURYA")

And

The Owner: KSIT Poly Technic College, #14, Raghunahalli, Kanakapura Road, Bangalore. (Hereinafter referred to as "Owner")

Site Details:

Ref No.	SES/ADMRL-A/BNG/2018-19/AMC0242	Date: 24.04.2018
Name of Site	KSIT Poly Technic College	
Address of Site	#14, Raghunahalli, Kanakapura Road, Bangalore.	
Name of Contact Person	Karthik VENKATESH	
Phone No.	8861792388	
Warranty/Maintenance Expired on	31-05-2018	

Equipment & Maintenance Price Details:

SL. No.	LIFT No.	Basic Price per Lift Rs.	No. of Lifts	Total Amount Rs.	GST@ 18%		Total Contract Value Rs.
					CGST@ 9%	SGST@ 9%	
1	H-069		1				24000/-
2							-
SILVER / GOLD / PLATINUM					TOTAL AMOUNT		24000/-
RUPEES: Twenty four thousand only							
Cash / Cheque no. 159186 dtd 29/5/18 Bank AXIS Bank Rs. 47040/-							
Contract Value: Rs. 24000/- Received: Rs. 24000/- Balance: Rs. Nil							


Tenure and Mode of Payment:

Contract Period	Start	01-06-2018	End	31-05-2019
Price increased after 12 months	10% on above contract value			
Next price increased on	01-06-2019			
Mode of Payment	Yearly 100% in Advance			

"SURYA" agrees, upon the terms and conditions (attached) of this Agreement, to provide the maintenance and repair services specified in Conditions mentioned over leaf ("the Services") in respect of the Equipment located at the above cited Premises.

In consideration of the provision by "SURYA" of the Services, the Owner agrees to pay the Maintenance charges on the Payment Dates.

This Agreement shall commence on the Commencement Date and will continue for the Period of Agreement specified above and will continue thereafter on an annual basis unless terminated by either party giving prior notice not less than three calendar months.

For and on behalf of
SURYA ELEVATOR SERVICES

 Signature & Stamp
 Net - 47040/-

For and on behalf of
Owner
 (Signature with Name & stamp)
 Mobile No.

SURYA ELEVATOR SERVICES

A Division of Surya Elevators Private Limited