



REVA
UNIVERSITY
Bengaluru, India

SDG-7

7 AFFORDABLE AND CLEAN ENERGY



Ensure access to affordable,
reliable, sustainable and
modern energy for all.



Chancellor's Message

REVA believes that clean water and sanitation are the right of everyone in society. To ensure clean and hygienic water and a clean environment, we at REVA promote various activities through a series of teachings, seminars, activities and awareness programmes and services. We strongly believe that alignment with the SDGs can only address the drastic effects of water scarcity and hygiene problems existing in society and the communities at large through various youth-related activities. REVA understands that sustainable management of water and sanitation for all is a necessity and ensures to fight for it by conducting several training programmes, awareness programmes, dance performances, talks, lectures and social outreach programmes. As a Social Impact University, we have realised that there are several villages and areas that face severe water shortage and it may have irreversible consequences if we do not act. Hence, by organising such events, REVA ensures that the SDG theme of Clean Water and Sanitation is focused on and ensures that plans are made to ensure availability and sustainable management of water is done in alignment with SDG.

Dr. P. Shyama Raju
Chancellor
REVA University



Pro Chancellor's Message

It is a proud moment for students and staff at REVA University as we have made a commitment to keep pace with implementing the United Nations Sustainable Development Goals. As a Social Impact University, we have introduced a number of key projects and policies in order to accomplish these SDGs. And I cannot be but thrilled to note that the dossier we have created for each of these SDGs is a testimony to our hard work and determination on how we have evolved as a Higher Educational Institution.

At REVA, we have carefully and thoughtfully planned activities related to each SDG. Be it gender equity programmes or charity events or heritage workshops or activities related to law and justice, or even Industry partnership and innovation programmes, we have encouraged close ties between communities around us, which in turn have a transformative impact on societal advancement.

Let's keep the momentum going and use this opportunity of aligning with SDGs as a potent tool to empower people, thereby liberating their minds and ultimately liberating society.

I wish the team all the best!

Best wishes,

Umesh S Raju
Pro Chancellor
REVA University



Vice Chancellor's Message

REVA is one of the few Multidisciplinary Universities in the country which has adopted the SDG goals as part of the journey towards emerging as a Social Impact University. In my opinion, the journey has been a fulfilling one. As part of SDGs, we are committed to global challenges related to eradicating extreme poverty, putting an end to hunger and promoting inclusive and sustainable economic growth, full and productive employment, and decent work. The journey doesn't end there. We are also working to promote peaceful, inclusive societies, access to justice, and the creation of effective, accountable, and inclusive institutions.

By thoughtfully planning the activities, we have curated this dossier that is an example of our hard work and determination. I congratulate the team for all their efforts in ensuring that REVA contributes to the larger goal of betterment and a humane vision of higher education. We believe that by doing so we create a society that is committed to sustainable development and ultimately the improvement of the community and society.

I extend my best wishes to the team.

Dr M Dhananjaya
Vice Chancellor
REVA University

ENERGY AUDIT REPORT

**ENERGY AUDIT
Conducted at**

**REVA UNIVERSITY, KATTIGENAHALLI CAMPUS,
BANGALORE**


REPORT NO.: REVA/EEE/EA/01/2018



Audit Period: July 2017 - June 2018

**Study conducted by
School of Electrical & Electronics Engineering, REVA Uni-
versity, Kattigenahalli, Yelahanka,**

Project Summary

1.	Title:	Energy Audit at REVA University, Kattigenahalli Campus, Bangalore
2.	Sponsoring agency:	REVA University, Bangalore
3.	Contact Person	Mr. Shivaraj, Maintenance Engineer
4.	Energy Audit Conducted by	Dr. Rajashekar P. Mandi, Director, School of EEE, Certified Energy Auditor (EA-3246), E-mail: dir.eee@reva.edu.in, Ph: 9448465065
5.	Energy Audit team members	Shri. B.S. Shivaraj, Electrical Engineer, Prof. Christiana Sundari., Asst. Professor , Prof. Nethra K ., Asst. Professor, Prof. Divya K.S., Asst. Professor Prof. Sujo Oommen, Asst. Professor Prof. Pavan B., Asst. Professor
8.	Objectives:	<ul style="list-style-type: none"> • Conserve the energy at REVA University, • Reduce the energy losses thereby saving the energy cost
9.	Scope of work:	<ul style="list-style-type: none"> • Study of energy consumption and maximum demand variation pattern, • Re-organisation of electrical system, • Performance evaluation of electrical system including power factor, demand, etc., • Performance evaluation of lighting system, Performance evaluation of DG sets & Air- conditioners, Performance evaluation of the water pumping system., • Computing the energy index as per ECBC codes and suggestions for reducing the energy consumption.
10.	Report No.:	REVA/EEE/EA/01/2018
11.	Energy Audit period	July 2017 – Jun 2018
12.	Date of issue of the report:	July 2018
13.	Signature of Certified Energy Auditor	



BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : **EA-3246** Serial Number: **1557**

Certificate Registration No. : **1557**

Certificate For Certified Energy Manager

This is to certify that Mr./Mrs./Ms. **Rajashakar P. Mandi** Son/Daughter of Mr./Mrs. **Parappa M Mandi** who has passed the National Examination for certification of energy manager held in the month of **May 2005** is qualified as certified energy manager subject to the provisions of Bureau of Energy Efficiency (Certification Procedures for Energy Managers) Regulations, 2010.

This certificate shall be valid for five years with effect from the date of award of this certificate and shall be renewable subject to attending the prescribed refresher training course once in every five years.

His/Her name has been entered in the Register of certified energy manager at Serial Number **1557** being maintained by the Bureau of Energy Efficiency under the aforesaid regulations.

Mr./Mrs./Ms. **Rajashakar P. Mandi** is deemed to have qualified for appointment or designation as energy manager under clause (f) of Section 14 of the Energy Conservation Act, 2001 (Act No. 52 of 2001).

Given under the seal of the Bureau of Energy Efficiency, this **7th** day of **February 2013**

Secretary
Bureau of Energy Efficiency
New Delhi

Dates of attending the refresher course	Secretary's signature	Dates of attending the refresher course	Secretary's signature

ENERGY AUDIT

Conducted at

**REVA UNIVERSITY, KATTIGENAHALLI CAMPUS,
BANGALORE**

REPORT NO.: REVA/EEE/EA/03/2019




Audit Period: July 2018 - June 2019

Study conducted by

School of Electrical & Electronics Engineering, REVA University, Kattigenahalli, Yelahanka, Bangalore - 560064

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3.	Contact Person	Mr. Shivaraj, Maintenance Engineer
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5.	Energy Audit team members	Shri. B.S. Shivaraj, Electrical Engineer Prof. Adithya Ballaji, Asst. Professor , Prof. Burri Ankaiah., Asst. Professor, Prof. Sujo Oommen, Asst. Professor Prof. Pavan B., Asst. Professor
8.	Objectives	<ul style="list-style-type: none"> • Conserve the energy at REVA University • Reduce the energy losses thereby saving the energy cost
9.	Scope of work	<ul style="list-style-type: none"> • Study of energy consumption and maximum demand variation pattern • Re-organisation of electrical system • Performance evaluation of electrical system including power factor, demand, etc., • Performance evaluation of lighting system • Performance evaluation of DG sets & Air- conditioners • Performance evaluation of water pumping system. • Computing the energy index as per ECBC codes and suggestion for reducing the energy consumption.
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12.	Date of issue of report:	June 2019
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ENERGY AUDIT

Conducted at

**REVA University, Kattigenahalli Campus, Yelahanka,
Bangalore**

REPORT NO.: REVA/EEE/EA/02/2020




Audit Period: July 2019 - May 2020

Study conducted by

School of Electrical & Electronics Engineering, REVA University, Kattigenahalli, Yelahanka, Bangalore - 560064


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10.	Report No.:	REVA/EEE/EA/02/2020
11.	Energy Audit period	July 2019 – May 2020
12.	Date of issue of the report:	May 2020
13.	Signature of Certified Energy Auditor	


Sl. No.	Recommendations	Anticipated energy savings, kWh/month	Anticipated investment, Rs. in lakhs	Payback period, months
01	Replacement of 36W T8 lamps by 18W LED lamps	6,560 kWh/month	9.94	20
Total		6,560 kWh/month	9.94	20

Sl. No.	Recommendations	Anticipated energy savings, kWh/month	Anticipated investment, Rs. in lakhs	Payback period, months
02	Installation of energy management system	a	10	
Total		a	10	

Annexure II



BUREAU OF ENERGY EFFICIENCY



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Certificate Registration No. : 1557

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Given under the seal of the Bureau of Energy Efficiency, this 7th day of February 2013


 Secretary
 Bureau of Energy Efficiency
 New Delhi

Dates of attending the refresher course	Secretary's signature	Dates of attending the refresher course	Secretary's signature

Green Audit 2022



Prepared by
VIMTA LABS LIMITED HYDERABAD
**QCI/NABET Certificate No. NABET/
EIA/1922/RA0226**

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Vimta Labs Limited, Hyderabad, Telangana State, India has prepared this report for REVA University Bengaluru (hereinafter referred as 'audit entity'), based on the input data submitted by the representatives of the University read with the environmental quality reports from the Vimta Labs Limited Hyderabad complemented with the best judgment capacity of the team of Vimta Labs Limited Hyderabad. While all reasonable care has been taken in its preparation, details contained in this report have been compiled in good faith based on information gathered. It is further informed that the calculations/ inferences/conclusions/ interpretations are arrived following best estimates and no representation, warranty or undertaking, express or implied is made and no responsibility is accepted by Vimta Labs Limited Hyderabad in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report. This report has been produced by Vimta Labs Limited Hyderabad with the skill and care ordinarily exercised by a reasonable Environmental Consultant at the time the Services were performed. Further, and in particular, the Services were performed by Vimta Labs Limited Hyderabad considering the limits of the scope of works required by the audit entity, the time limit prescribed and the resources, including financial and manpower resources, agreed/ proposed/ utilized between Vimta Labs Limited Hyderabad and the audit entity, REVA University.

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Dr. P. Shyama Raju, Hon'ble Chancellor, REVA University

Dr. M. Dhanamjaya, Vice Chancellor, REVA University Dr. N. Ramesh, Registrar, REVA University

Dr Beena. G, Contoller of Examination, Dept of Evaluation, REVA University Col. Nataraj Kuppasad, Director (Admin), REVA University

Colonel M Shrikumar SM, Director (General Administration), REVA University

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- 7.Sri. Shivakumar Madi Reddy, Group Leader Vimta
- 8.Dr. Subba Reddy, Dy. Manager Vimta
- 9.Sri. B. Naresh, Dy. Manager Vimta
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