

Metric No. 7.1.6

Quality audits on the environment and energy regularly undertaken by the Institution



Laxminarayan Institute of Technology, Nagpur

Self-Study Report

Green Audit Certificate

is awarded for **2019-21** to the Esteemed Institution

Laxminarayan Institute of Technology

Bharat Nagar, Amravati Road, Nagpur - 440 033

As part of the Institution's initiatives for a Healthy & Sustainable College the audit was conducted. We appreciate the immense efforts taken by Staff and students towards the Efficient Management of Premise.

Issued on **Monday, 6 December 2021** valid till **December 2022**



Ar. Nahida Shaikh
Project Head and Green Building Consultant

Sustainable Academe

Sustainability Department of Greenvio Solutions, Naigaon

An environment Design and Consultancy developing Healthy and Sustainable Environments

sustainableacademe@gmail.com | **greenviosolutions@gmail.com**



GREEN AUDIT

2019-21

AUDIT REPORT

Studied for

Laxminarayan Institute of Technology

Bharat Nagar, Amravati Road, Nagpur - 440 033

Analysed by



7 December 2021

Disclaimer

Green Audit Team has prepared this report for the **Laxminarayan Institute of Technology, Bharat Nagar, Amravati Road, Nagpur - 440 033** based on input data submitted by the Institute analysed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

These can be implemented phase wise or as a whole depending on the decision taken by the Hon'ble Management and Institute. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

The audit is a thorough study based on the inspection and on-site investigation of data collected over a period of time and should not be used for any legal action. This is the property of Greenvio Solutions and should not be copied or regenerated in any form.

The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm along with Ar. Nahida Shaikh as an Accredited Green Building Professional.

Greenvio Solutions

Developing Healthy and Sustainable Environments

We are an Environmental and Architectural Design Consultancy firm

Sustainable Academe is our department for conducting Audits

Palghar District, Maharashtra- 401208

sustainableacademe@gmail.com

Acknowledgement

Green Audit Assessment Team thanks the **Laxminarayan Institute of Technology, Bharat Nagar, Amravati Road, Nagpur - 440 033** for assigning this important work of Green Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to **Dr. Subhash R. Chaudhary** , Hon. Vice-Chancellor – Chairman; **Dr. Sanjay Dudhe**, Hon. Pro Vice-Chancellor – Ex-officio Member; **Dr. Prashant Maheshwari** , Dean, Faculty of Engineering & Technology – Ex-officio Member and everyone from the Management.

Our heartfelt thanks to Chairperson of the entire process **Dr. (Prof). Raju B Mankar, Director, LIT, Nagpur** for his valuable inputs.

We are also thankful to **Institute's Task force the faculty members** who have collected data required **Dr. Pratibha Agrawal (Special mention for the extreme well coordination)**, Professor and Head, Dept. of Applied Chemistry; **Dr. R. P. Birmod**, Assist. Prof., Dept. of Chemical Engineering; **Dr. Karadbhajane.**, Asst. Prof. Dept. of Oil Technology; **Dr. S.U. Meshram**, Assoc. Prof., Dept. of Applied Chemistry **and Mr. M. M. Yenkie**, Asst. Prof., Dept. of Plastics and Polymer Technology.

The kind gesture for the inventory and data collection of the Staff Members **Mr. Mahendra Bankar, Mr. Narendra Babhare and Mr. Damodar Jadhav**, Head Clerk is quite commendable.

We highly appreciate the assistance of **students who assisted the Faculties in data collection** along with the Institute Team for their support while collecting the data.

Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208

Introduction

About Laxminarayan Institute of Technology

It was founded in 1942 owes its existence to the munificent donation of the Late Rao Bahadur D. Laxminarayan of Kamptee who by sheer hard work and inspite of many difficulties, not only amassed a considerable fortune, but became a prominent figure in the public affairs of the Province. During his life time, it must have occurred to him that the backwardness of the Province was in a large measure due to the lack of higher training and research in Technology. His work brought him into contact with problems which required the aid of Technologists for their solution, and in order that this want should not stand in the way of progress, he bequeathed the main part of his property, then estimated at Rs.35,20,540/- to the Nagpur University by his Will dated the 3rd May 1930, for the purpose of "Teaching of Applied Science and Chemistry".

The sprawling 78 acre campus acts as a sanctum of learning. The institute attracts students with excellent academic credentials from all over the country and moulds them into efficient and practical engineers and technocrats that over the last seventy years have made the institute proud. The college has a highly qualified faculty, which is committed to imparting the best of knowledge and they are actively engaged in training the students, so that they meet modern academic and industrial standards. The institute is developing consistently and is improving its quality of education through its curricular, co-curricular and extra-curricular activities so as to satisfy the ever demanding needs of the industrial sector.

Assessment of the Institute

Below mentioned are the administrative details of the Institute.

University - The institution is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University.

NAAC - The Institute is due to enter its First cycle of NAAC soon.

UGC - It is recognised under section **2(f) & 12(b) of the UGC Act 1956**

AITCE – As Institute offers Technical courses affiliated to Rashtrasant Tukadoji Maharaj Nagpur University it has taken relevant approvals from All India Council of

Technical Education (AICTE), New Delhi.

DTE – As it offers a Professional Course it is recognised under Directorate of Technical Education (DTE), Maharashtra

National Institutional Ranking Framework – The Institute has achieved a score of 35.95 and rank of 136 in NIRF.

Total Institute Area & Institute Building Spread Area

The total site area is 78 acres and total built-up area is 4,49,711.40 sq. ft. for approx. 822 footfalls.

Green Practices Audit

The increasing global warming and climate change have made us realise that apart from the enormous strategies the individual small efforts need to be taken by individuals and Educational Institutes as the younger generations are the future of the world and once they are taught about these practices only then can we assume a better future.

Green practices

We observed the following points during the Site investigation:

- There is **availability of open space in the premise in addition to the provision of the multiple varieties of flora, Apiculture is practised in the premise.**
- **No Vehicle day, cycling to Institute practice are observed by the staff and students.**
- There is **organic composting process carried out for decomposition of organic matter of plants and it is used as an organic fertilizer and increase ecology, this is done through Vermiculture.**
- **The ample vegetation benefit the users by providing shade.**
- The NSS Team, Institute authorities **jointly conduct initiatives for upgrading of the premises from environmental view.**
- The Institute organizes a one of its kind **'Zero Emission Day'** which is an excellent initiative.

Community Development

The various community development programs conducted include Tree Plantation, Life Learning, Employability Skill program introduced for the youth, Blood Donation Camp, Food Kit Distribution Program to the neighbourhood community, Relief fund programs.

A lot of efforts get involved right from planning to execution. The main motive behind these is social welfare. This kind of a tough process is highly admirable. We respect and congratulate the Institute for the same



Energy Audit Certificate

is awarded for **2019-21** to the Esteemed Institution

Laxminarayan Institute of Technology

Bharat Nagar, Amravati Road, Nagpur - 440 033

As part of the Institution's initiatives for a Healthy & Sustainable College the audit was conducted. We appreciate the immense efforts taken by Staff and students towards the Energy Management and Conservation.

Issued on **Monday, 6 December 2021** valid till **December 2022**



Ar. Nahida Shaikh
Project Head and Green Building Consultant

Sustainable Academe

Sustainability Department of Greenvio Solutions, Naigaon

An environment Design and Consultancy developing Healthy and Sustainable Environments

sustainableacademe@gmail.com | **greenviosolutions@gmail.com**



ENERGY AUDIT

2019-21

AUDIT REPORT

Studied for

Laxminarayan Institute of Technology

Bharat Nagar, Amravati Road, Nagpur - 440 033

Analysed by



7 December 2021

Disclaimer

Green Audit Team has prepared this report for the **Laxminarayan Institute of Technology, Bharat Nagar, Amravati Road, Nagpur - 440 033** based on input data submitted by the Institute analysed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

These can be implemented phase wise or as a whole depending on the decision taken by the Hon'ble Management and Institute. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

The audit is a thorough study based on the inspection and on-site investigation of data collected over a period of time and should not be used for any legal action. This is the property of Greenvio Solutions and should not be copied or regenerated in any form.

The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm along with Ar. Nahida Shaikh as an Accredited Green Building Professional.

Greenvio Solutions

Developing Healthy and Sustainable Environments

We are an Environmental and Architectural Design Consultancy firm

Sustainable Academe is our department for conducting Audits

Palghar District, Maharashtra- 401208

sustainableacademe@gmail.com

Acknowledgement

Green Audit Assessment Team thanks the **Laxminarayan Institute of Technology, Bharat Nagar, Amravati Road, Nagpur - 440 033** for assigning this important work of Green Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to **Dr. Subhash R. Chaudhary** , Hon. Vice-Chancellor – Chairman; **Dr. Sanjay Dudhe**, Hon. Pro Vice-Chancellor – Ex-officio Member; **Dr. Prashant Maheshwari** , Dean, Faculty of Engineering & Technology – Ex-officio Member and everyone from the Management.

Our heartfelt thanks to Chairperson of the entire process **Dr. (Prof). Raju B Mankar, Director, LIT, Nagpur** for his valuable inputs.

We are also thankful to **Institute's Task force the faculty members** who have collected data required **Dr. Pratibha Agrawal (Special mention for the extreme well coordination)**, Professor and Head, Dept. of Applied Chemistry; **Dr. R. P. Birmod**, Assist. Prof., Dept. of Chemical Engineering; **Dr. Karadbhajane.**, Asst. Prof. Dept. of Oil Technology; **Dr. S.U. Meshram**, Assoc. Prof., Dept. of Applied Chemistry **and Mr. M. M. Yenkie**, Asst. Prof., Dept. of Plastics and Polymer Technology.

The kind gesture for the inventory and data collection of the Staff Members **Mr. Mahendra Bankar, Mr. Narendra Babhare and Mr. Damodar Jadhav**, Head Clerk is quite commendable.

We highly appreciate the assistance of **students who assisted the Faculties in data collection** along with the Institute Team for their support while collecting the data.

Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208

Introduction

About Laxminarayan Institute of Technology

It was founded in 1942 owes its existence to the munificent donation of the Late Rao Bahadur D. Laxminarayan of Kamptee who by sheer hard work and inspite of many difficulties, not only amassed a considerable fortune, but became a prominent figure in the public affairs of the Province. During his life time, it must have occurred to him that the backwardness of the Province was in a large measure due to the lack of higher training and research in Technology. His work brought him into contact with problems which required the aid of Technologists for their solution, and in order that this want should not stand in the way of progress, he bequeathed the main part of his property, then estimated at Rs.35,20,540/- to the Nagpur University by his Will dated the 3rd May 1930, for the purpose of "Teaching of Applied Science and Chemistry".

The sprawling 78 acre campus acts as a sanctum of learning. The institute attracts students with excellent academic credentials from all over the country and moulds them into efficient and practical engineers and technocrats that over the last seventy years have made the institute proud. The college has a highly qualified faculty, which is committed to imparting the best of knowledge and they are actively engaged in training the students, so that they meet modern academic and industrial standards. The institute is developing consistently and is improving its quality of education through its curricular, co-curricular and extra-curricular activities so as to satisfy the ever demanding needs of the industrial sector.

Assessment of the Institute

Below mentioned are the administrative details of the Institute.

University - The institution is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University.

NAAC - The Institute is due to enter its First cycle of NAAC soon.

UGC - It is recognised under section **2(f) & 12(b) of the UGC Act 1956**

AITCE – As Institute offers Technical courses affiliated to Rashtrasant Tukadoji Maharaj Nagpur University it has taken relevant approvals from All India Council of

Technical Education (AICTE), New Delhi.

DTE – As it offers a Professional Course it is recognised under Directorate of Technical Education (DTE), Maharashtra

National Institutional Ranking Framework – The Institute has achieved a score of 35.95 and rank of 136 in NIRF.

Total Institute Area & Institute Building Spread Area

The total site area is 78 acres and total built-up area is 4,49,711.40 sq. ft. for approx. 822 footfalls.

Calculated Electrical Consumption as per inventory

The following is the calculated consumption. It is done to understand the percentage of energy usage in the premises by various applications. It is based on the inventory collected and interviews with the staff. The additional data such as wattage is taken from market research. In terms of electrical consumption, the main sources are lights, fans, ac, equipment. The inventory and data collection for sources of energy consumed in the premise in summarised in the following sections.

Note: The following analysis is combined for entire premise taking into considerations the duration before pandemic to understand the consumption pattern as post pandemic the premise is used only for a few hours.

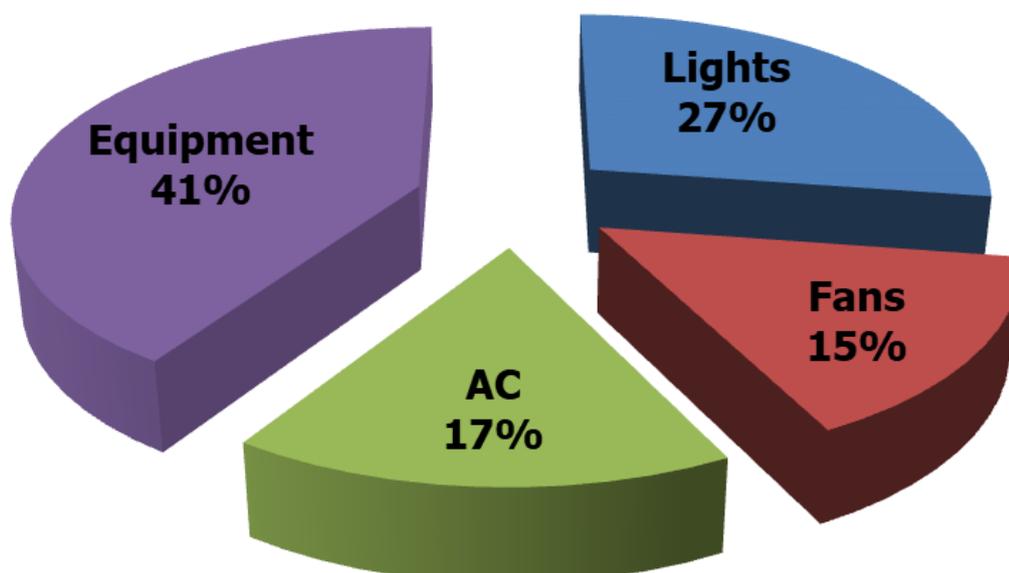


Figure 1: Summary of the Calculated Electrical Consumption as per inventory

The above graph shows that Equipment consumes 41% followed by Lights at 27% AC at 17% and Fans at 15% of the total calculated electrical energy.



Environment Audit Certificate

is awarded for **2019-21** to the Esteemed Institution

Laxminarayan Institute of Technology

Bharat Nagar, Amravati Road, Nagpur - 440 033

As part of the Institution's initiatives for a Healthy & Sustainable College the audit was conducted.
We appreciate the immense efforts taken by Staff and students towards the Environment Protection and Conservation.

Issued on **Monday, 6 December 2021** valid till **December 2022**



Ar. Nahida Shaikh
Project Head and Green Building Consultant

Sustainable Academe

Sustainability Department of Greenvio Solutions, Naigaon

An environment Design and Consultancy developing Healthy and Sustainable Environments

sustainableacademe@gmail.com | **greenviosolutions@gmail.com**



ENVIRONMENT AUDIT

2019-21

AUDIT REPORT

Studied for

Laxminarayan Institute of Technology

Bharat Nagar, Amravati Road, Nagpur - 440 033

Analysed by



7 December 2021

Disclaimer

Green Audit Team has prepared this report for the **Laxminarayan Institute of Technology, Bharat Nagar, Amravati Road, Nagpur - 440 033** based on input data submitted by the College analysed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

These can be implemented phase wise or as a whole depending on the decision taken by the Hon'ble Management and College. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

The audit is a thorough study based on the inspection and on-site investigation of data collected over a period of time and should not be used for any legal action. This is the property of Greenvio Solutions and should not be copied or regenerated in any form.

The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm along with Ar. Nahida Shaikh as an Accredited Green Building Professional.

Greenvio Solutions

Developing Healthy and Sustainable Environments

We are an Environmental and Architectural Design Consultancy firm

Sustainable Academe is our department for conducting Audits

Palghar District, Maharashtra- 401208

sustainableacademe@gmail.com

Acknowledgement

Green Audit Assessment Team thanks the **Laxminarayan Institute of Technology, Bharat Nagar, Amravati Road, Nagpur - 440 033** for assigning this important work of Green Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to **Dr. Subhash R. Chaudhary** , Hon. Vice-Chancellor – Chairman; **Dr. Sanjay Dudhe**, Hon. Pro Vice-Chancellor – Ex-officio Member; **Dr. Prashant Maheshwari** , Dean, Faculty of Engineering & Technology – Ex-officio Member and everyone from the Management.

Our heartfelt thanks to Chairperson of the entire process **Dr. (Prof). Raju B Mankar, Director, LIT, Nagpur** for his valuable inputs.

We are also thankful to **College's Task force the faculty members** who have collected data required **Dr. Pratibha Agrawal (Special mention for the extreme well coordination)**, Professor and Head, Dept. of Applied Chemistry; **Dr. R. P. Birmod**, Assist. Prof., Dept. of Chemical Engineering; **Dr. Karadbhajane.**, Asst. Prof. Dept. of Oil Technology; **Dr. S.U. Meshram**, Assoc. Prof., Dept. of Applied Chemistry **and Mr. M. M. Yenkie**, Asst. Prof., Dept. of Plastics and Polymer Technology.

The kind gesture for the inventory and data collection of the Staff Members **Mr. Mahendra Bankar, Mr. Narendra Babhare and Mr. Damodar Jadhav**, Head Clerk is quite commendable.

We highly appreciate the assistance of **students who assisted the Faculties in data collection** along with the College Team for their support while collecting the data.

Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208

Introduction

About Laxminarayan Institute of Technology

It was founded in 1942 owes its existence to the munificent donation of the Late Rao Bahadur D. Laxminarayan of Kamptee who by sheer hard work and inspite of many difficulties, not only amassed a considerable fortune, but became a prominent figure in the public affairs of the Province. During his life time, it must have occurred to him that the backwardness of the Province was in a large measure due to the lack of higher training and research in Technology. His work brought him into contact with problems which required the aid of Technologists for their solution, and in order that this want should not stand in the way of progress, he bequeathed the main part of his property, then estimated at Rs.35,20,540/- to the Nagpur University by his Will dated the 3rd May 1930, for the purpose of "Teaching of Applied Science and Chemistry".

The sprawling 78 acre campus acts as a sanctum of learning. The institute attracts students with excellent academic credentials from all over the country and moulds them into efficient and practical engineers and technocrats that over the last seventy years have made the institute proud. The college has a highly qualified faculty, which is committed to imparting the best of knowledge and they are actively engaged in training the students, so that they meet modern academic and industrial standards. The institute is developing consistently and is improving its quality of education through its curricular, co-curricular and extra-curricular activities so as to satisfy the ever demanding needs of the industrial sector.

Assessment of the Institute

Below mentioned are the administrative details of the Institute.

University - The institution is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University.

NAAC - The Institute is due to enter its First cycle of NAAC soon.

UGC - It is recognised under section **2(f) & 12(b) of the UGC Act 1956**

AITCE – As Institute offers Technical courses affiliated to Rashtrasant Tukadoji Maharaj Nagpur University it has taken relevant approvals from All India Council of Technical Education (AICTE), New Delhi.

DTE – As it offers a Professional Course it is recognised under Directorate of Technical Education (DTE), Maharashtra

National Institutional Ranking Framework – The Institute has achieved a score of 35.95 and rank of 136 in NIRF.

Total Institute Area & Institute Building Spread Area

The total site area is 78 acres and total built-up area is 4,49,711.40 sq. ft. for approx. 822 footfalls.

Environmental Audit

There is a beautiful balance of natural and open spaces in the premise and the open/vegetation spaces are balanced overall. The ground is used by students at present for sports and cultural gatherings. **There are provisions for natural plantations which have enhanced the beauty of the space.**

There are a few Maintenance staff allotted for the open spaces and they have done an excellence job in terms of the duty allotted. The infrastructure committee too is involved in this process. The traditional tap and pipe facility is adopted for watering and the college has taken special provisions for the same. The spaces are watered daily in summer. **The efforts to maintain the existing space are commendable.**

Positive site features as per our study

- **Arrangement of regular maintenance and cleaning.**
- By planting trees and creating awareness among all.
- **We have a green lush campus, it is clean, staff and students adhere to keep the campus garbage free.**
- **Maintaining the green cover in the garden and around.**
- **The positive steps are webinar, practicing in pre-covid times, posters in college about environment, credits giving on practising, planting trees around campus.**
- Placement of multiple dustbins.
- Proper maintenance
- **Using fewer, more durable materials and generating less waste, as well as accounting for a buildings end of life stage by designing for demolition waste recovery and reuse.**
- **We have planted trees and counted current number of trees and their variety in the campus and we make sure that the gardener does his**

job perfectly in order to keep the trees and plants healthy, we ensure proper water supply and time to time maintenance of the garden.

- Cleanliness drives like collection of plastic and planting trees in college campus
- **Solar power plant is one of the good initiatives, planting trees, changing energy intensive lighting to LED lights, aware staffs and students for water and energy conservation to avoid losses due to negligence.**
- They have very nicely maintained the garden of main building premises but greenery level outside the main building area is somewhat low grade
- **Positive steps taken by my Institute are - by conducting tree plantation drives in campus in which the each students helps in planting trees, by conducting cleanliness programs in campus, by conducting seminars on same.**
- Institute gave task of plantation to the students which emotionally and practically connected them to the environment.
- **Our NSS team is working for cleaning and good maintenance**
- Planting more and more trees in the surrounding
- **Tree plantation drives, observing no vehicle day.**
- Efficient use of energy, water and other resources.
- Maintenance of the garden.
- Plant trees and keep the surrounding clean. Should ban the use of plastic, etc.
- Making purification drinking water, also infrastructure of toilet
- **Using tar coal road instead of cement one. Limited construction for classroom leading to more place for trees and plants in the campus. No cement or mat playing arena only open natural playground of mud for sports.**
- Plantation of so many trees around the campus, the campus is full of lush green trees and this is what makes our campus a green campus. Positive steps like this are involved in making the campus pollution free.

- Well there is thorough watch on all the electricity consumption, no energy is wasted and all the equipments in new buildings are either LED's or energy efficient.
- Our institute campus is full of greenery with variety of trees and thus encourages us for planting trees and evokes green awareness in students' mind.
- **College is following every step and no further steps should be added as such.**
- According to me i think that the positive step taken by the institute is plantation. **In my college they allotted a plant to one student and that students have full responsibility to take care of that plant.**
- The Plantation program conducted around the hostel and main building is very good step that been taken last year.
- **Organized Plantation and Swachhta week.**
- **I have seen the lot of greenery in the college and also there is a legacy of planting the saplings by the teacher and have their label also and cared them so this leads to make LIT Nagpur one of the most green college in Nagpur University.**
- The tree plantation programme and the cleanliness activities carried out in college under NSS camp initiatives are the positive steps.
- **There are many such activities conducted in the campus. The few to be enlisted would be 1 tree plantation, 2 tree count and marking, 3 no parking zones in the campus, 4 no vehicle days, 5 organization of the awareness programmes, 6 minimization of the chemicals exposure, 7 waste reduction and many more!**
- Our institute used to conduct cleanliness drive which was a step taken towards green building. Also our institute planted trees which were further maintained.
- **Awareness posters related to energy and water saving have been put up at various spots in the college building, to remind us switch off the lights and close the taps.**
- Regular cleaning of premises along with plantation drives and teachers

spreading awareness to us during class time and scheduled activities.

- **Institute is always one' step ahead towards green building maintenance**
- My institute approaches various induction programs online and convince student to take part in that program with positive vibes that could help for good maintenance.
- **Newly designed manure plant.**
- **Reduction of natural resources**
- Initiative like tree plantation, waste management
- The buildings are renovated every year. There are many trees planted around every building in the campus **it creates good surrounding environment for students to study** and it gives good quality fresh air which keeps mind fresh.
- **Environmentally sustainable and Eco friendly atmosphere created by tree plantation drive.**
- Tress plantation
- **As a chemical engineering college they are using chemicals for very good reason such as green route fertiliser, waste management.**
- **The water management of the college is top notch.** Regular plantation and watering to plants.
- The garden space near the main building is regularly maintained and gardeners have been employed regularly to take care of the plants in the LIT campus. **Teachers also actively take part in green initiatives in the campus which I feel is very good.**
- The Institute have decided to install rain water harvesting system to reduce the surplus water requirement and recharging ground water. Also a solar panels installation is in progress to work towards on-site energy generation through renewable energy utilization. Most of the tubelights and bulbs has been already replaced by LED lights through-out the Institute. Most of the Air conditioners outlets are connected to either soil or pots to recycle the discharged water for growing plants. Also to protect health from toxic chemicals, Institute has

started constructing effluent treatment plant using green wetland technology wherein the harmful chemicals would be able to detoxify and recycled back in the form of water.

- As a part of NSS, tree plantation drive is adopted annually. Apart from this, students and staff members take initiative to plant numerous plants and a group of students adopt a plant of their own choice and take care till it reasonably grow well. This made the students to learn the way they need to care the plants, which further beautifies the institute and make it a better place for the students to learn in such an eco-friendly environment.
- **I can proudly say that our institute already have very good maintenance for green building.**



CLEAN AND GREEN CAMPUS

RECOGNITIONS / AWARDS

सहाय्यक संचालक, उपवने व उद्याने यांचे कार्यालय
सां. बा. प्रादेशिक विभाग, 'बांधकाम संकुल' बंगला क्र.३९/१
सिव्हील लाईन्स नागपूर - ४४०००१.

दरध्वनी क्र.०७१२-२५६१४२५

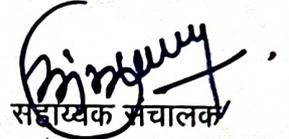
ई-मेल:ddnagpur.pg@mahapwd.com

जा.क्र.सस/उवउ/नाग/२८०

दिनांक ०५/१०/२०२१

प्रमाणपत्र

सार्वजनिक बांधकाम विभाग, उपवने व उद्याने, नागपूर आयोजित वार्षिक पुष्पप्रदर्शन सन २०१८ व २०१९ मध्ये उद्यान अधीक्षक, राष्ट्रसंत तुकडोजी महाराज विद्यापिठ, नागपूर यांनी सहभाग नोंदवून शासकीय संस्था उद्यान या गटात लक्ष्मीनारायण इंस्टिट्यूट ऑफ टेक्नॉलॉजी, रा.तु.म. नागपूर यांच्या नावे द्वितीय पारितोषीक प्राप्त केले आहे.



सहाय्यक संचालक
उपवने व उद्याने, नागपूर

Second Prize Awarded to The Garden of LIT, RTM Nagpur
University by Public Works Department, Government of
Maharashtra
(Nagpur Division)

Second Prize Awarded to The Garden of LIT, RTM Nagpur University-2018

and

Second Prize Awarded to The Garden of LIT, RTM Nagpur University-2019

