



# **SOURASHTRA COLLEGE (Autonomous), MADURAI – 4**

(A Linguistic Minority Co-educational Institution)

(Affiliated to Madurai Kamaraj University & Re-Accredited with 'B+' Grade by NAAC)

**Vilachery Main Road, Pasumalai (P.O), Madurai-625004.**

Contact No.: 87542 09994

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## **NAAC CYCLE IV – SELF STUDY REPORT**

<b>Criterion VI</b>	<b>GOVERNANCE LEADERSHIP AND MANAGEMENT</b>
<b>Key Indicator 6.5</b>	<b>Internal Quality Assurance System</b>
<b>Q<sub>6</sub>M 6.5.3</b>	<b>Institution has adopted the following for Quality Assurance;</b> <b>1.Academic and Administrative Audit (AAA) and follow up action taken</b> <b>2.Conferences, Seminars, workshops on Quality conducted</b> <b>3.Collaborative quality initiatives with other institution(S)</b> <b>4.Orientation Programme on quality issues for teachers and students</b> <b>5. Participation in NIRF and other recognized ranking like Shanghai Ranking, QS Ranking Times Ranking etc.</b> <b>6. Any other Quality audit recognized by state, national or International agencies.</b>
<b>Year</b>	<b>2018 – 2023</b>

## **GREEN AUDIT REPORT**

# HiTech Associates

Enviro Engineers & Consultant

Er **E.RAMAKRISHNAN**, B.E ( Civil ) M.E (Enviro) ,AMIE

Proprietor

Environmental Engineer & Consultant

CHARTERED ENGINEER (IEI) REG :NO AM1708298

ECI INDIA PE REG NO :-PE/00103/16

MLPA PROFESSIONAL REGISTRATION CERTIFICATE : CE.021/201

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## CERTIFICATE OF GREEN AUDIT

This certifies that The Sourashtra College, Pasumalai Madurai, conducted a Green Audit for the academic year 2022-2023. The institution's commitment to eco-friendly practices is commendable. The audit process, including on-site assessments and document review, confirms compliance with green standards. The Management, faculty, and students have actively contributed to creating a sustainable campus environment. Their efforts in waste reduction, energy conservation, and promoting eco-friendly policies are noteworthy.

The Green Audit reflects the College's dedication to minimizing environmental impact. We appreciate their role in fostering awareness and sustainable practices. Congratulations to The Sourashtra College for their exemplary performance in promoting a greener future.



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## CERTIFICATE OF ENERGY AUDIT

This is to certify that The Sourashtra College, Pasumalai Madurai, has diligently conducted an extensive Energy Audit for the academic year 2022-2023. The institution has successfully submitted all necessary data and credentials for thorough scrutiny.

Upon careful examination, including field visits and the evaluation of submitted reports, it has been determined that the activities and measures implemented by the College in the realm of energy conservation are commendable. The efforts undertaken by the Management, faculty, and students towards the adoption of Renewable Energy sources and the use of Energy Efficient appliances have been found to be exemplary.

We hereby acknowledge the commitment and dedication displayed by The Sourashtra College in contributing to sustainable practices and energy conservation.



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## CERTIFICATE OF ENVIRONMENTAL AUDIT

This is to certify that The Sourashtra College, Pasumalai Madurai, has conducted a comprehensive Environmental Audit for the academic year 2022-2023. The institution has meticulously submitted all relevant data and documentation for thorough review.

After careful assessment, which includes on-site evaluations and scrutiny of submitted reports, it is confirmed that The Sourashtra College has demonstrated commendable commitment to environmental stewardship. The initiatives and measures undertaken by the College, as observed during the audit, reflect a dedication to sustainable practices, waste reduction, and environmental responsibility.

The Management, faculty, and students are acknowledged for their noteworthy contributions towards fostering an environmentally conscious campus.



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## GREEN ENVIRONMENT AUDIT REPORT 2022 - 2023

### SOURASHTRA COLLEGE , PASUMALAI ,MADURAI – 625 004

#### Introduction about Campus: -

##### Pasumalai

Pasumalai in Tiruparankutram Taluk, Madurai District lies on the geographical coordinates of 9° 54' 0" N, 78° 7' 0" E. Its MSL is 166M .

This Pasumalai has mention in Tamil Bhakthi literature Tiruvilayadal Puranam . In Tamil Pasu meaning is cow. In English we can call this place as Hills of Cow . In Longer view it looks like cow.

The campus is nearly 30 acres extent and situated on a small Terrain. The soil is Red soil with gravel.

The Average level difference between entrance area of Vilachaery Road to the Administrative building area is + 8 to +10 M height. During Rainy time all water comes towards Entrance gate. so, this area is provided with one percolation pond at one side and another side the Rain water collected in an open well.

Immediate to Entrance a green way of nearly 6m wide Road with two sides Planted trees for nearly 1 Km long. This road is having each side walking Space for students.

All Students and Visitors two wheelers are having parking at the right side of this Entrance Green Way area.

This area is planted with 4 rows of Trees of various species mostly Neem Trees and one Banyan Tree .

*Ramulu*

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## ENVIRONMENT IMPACT OF GREEN WAY

### Carbon Credit :-

A single tree can offset anywhere between 21.77 kg CO<sub>2</sub>/tree to 31.5 kg CO<sub>2</sub>/tree per year.

In order to offset 1 tonne of CO<sub>2</sub>, you would need between 31-46 trees.

This Green Way is having approximately 4 x 40 trees .

One carbon credit is exactly one metric ton of carbon dioxide or equivalent greenhouse gas.

### Approximate Carbon credit for Green Way- 4 carbon credit

The Average Rainfall in Madurai is 85.76 cm or 0.85 m

This Green way area is approximately 1000 m x 30 m .

By this area we can collect  $1000 \times 30 \times 0.85 = 25500 \text{ m}^3$  of water .

In addition this area is parking place for visitors and Students .

By this we are saving Petrol and Green Gas Emissions .

## ORGANIC GARDEN SOURASHTRA COLLEGE CAMPUS



*Ramie*

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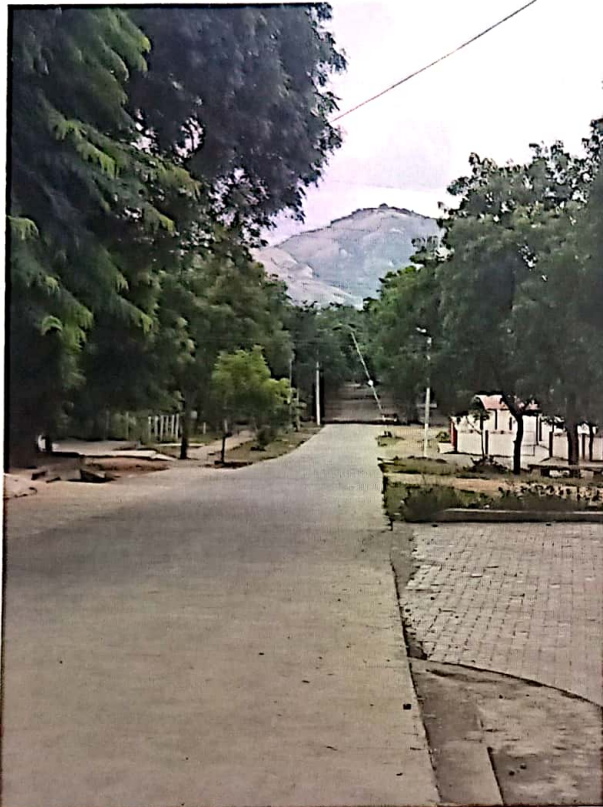
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**Green Way from  
Entrance to  
Administrative  
Block Sourashtra  
College**

**Administrative Block  
and Pasumalai Hills .  
28 Acre campus was  
maintained very  
Green by  
Sourashtra College  
Council with out  
disturbing species**



*Ramkr*

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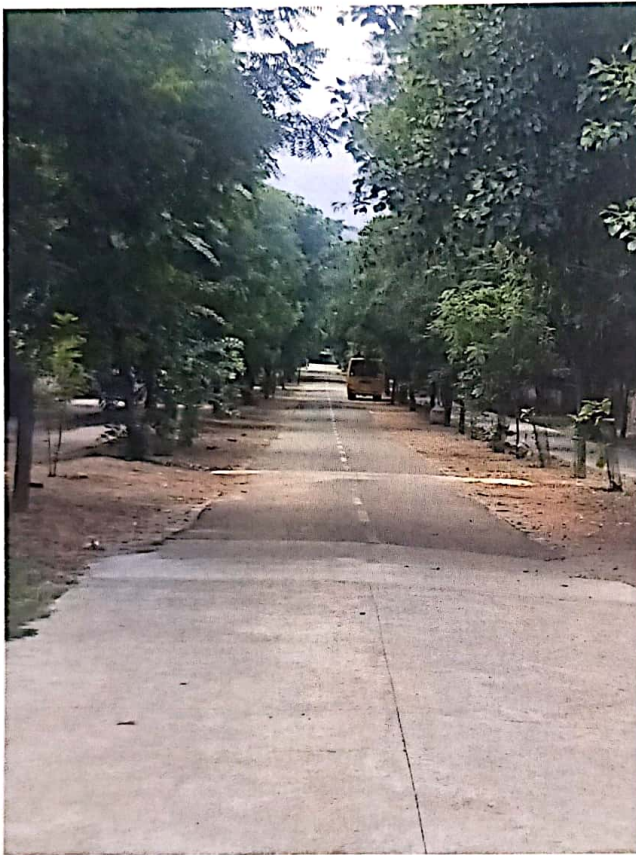
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## ENTRANCE GREEN WAY



6 M wide Road with two sides Planted trees approximate 1 Km long with two sides walking Space Sourashtra College Entrance To Admin Block

Green walking space which gives Pleasure to Students & Staffs



*Ramkr*

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