

**THIAGARAJAR COLLEGE, MADURAI – 625 009**

**Environment Enhancement Centre**

**Report on Club Activities**



**INTERNAL ACADEMIC AUDIT**

**January, 2017**

## THIAGARAJAR COLLEGE, MADURAI – 625 009

1. Name of the Club -Environment Enhancement Centre,  
Thiagarajar College
2. Inception -2002 as Nature Club and Change  
of Club Name in 2009
3. Faculty in-charge

Name	Designation at work	Responsibility in Nature Club	Duration (From – To)
Dr.D.Kannan, M.Sc., Ph.D.	Assistant Professor, Department of Botany	Coordinator	Since 2009
Dr. R. Aruna, M.Sc., Ph.D.,	Assistant Professor, Department of Botany	Assistant Coordinator	Since, 2016

### Environment Related Workshops /Awareness Programmes, participated by Staff/Students

S. No	Name	Title of the Workshop	Date (Duration)	Organizers	Document Evidence
1	Dr. D. Kannan	Workshop 'Re-Envisioning Environmental Education and the craft of Teaching, Learning and Research'	19.08.2015-21.08.2015 (4 days)	Lady Doak College, Madurai	Certificate
2	Dr.R.Aruna	Participated in Marathon for Heart Awareness (World Health Day)	27.09.2015	Velammal Medical College and Hospital, Madurai	Certificate

### Awareness creating Popular Articles Publications:

- D. Kannan (2015) '*Parampariya Vizhakkalum, Sadangukalum – Kelikkai Kondadathirkku Mattuma?*' (Is the traditional customs and festivals are only for celebrations?; in Tamil), Thiagarajar College Magazine 2013-2014, pp. 64-66

- D. Kannan (2015) '*Tamil Illakiyathil Sutruchoolal*' (Environmental Science, depicted in Ancient Tamil Literature, in Tamil), Dinamalar Daily News Magazine, January 29, 2015, p. 10 (More than 500 reads, recorded in [www.google scholar](http://www.google.com) and [www.researchgate.net](http://www.researchgate.net))
- D. Kannan (2015) '*Thamizhae Nam Vazhvu; Athuvaye Nam Unarvu*' (The Pride of Tamil Literature; in Tamil), Dinamalar Daily News Magazine, June 23, 2015, p. 9. (More than 600 reads recorded in [www.google scholar](http://www.google.com) and [www.researchgate.net](http://www.researchgate.net))
- D. Kannan (2015) '*Samuga Mempatil Nunarivuthiran*' (Indigenous Knowledge applied in Societal Development; in Tamil), Thiagarajar College Magazine 2014-2015, p.83-86.
- R. Aruna (2015) *Star trees* Thiagarajar College Magazine 2014-2015, p.18

### Resource Persons / Guest Lectures on Environment Related Programmes

S.No	Name of the Faculty	Date	Activity	Organization
1	Dr. D. Kannan	23.02.2013	Invited Lecture 'Indigenous Knowledge System for Sustainability', UGC Sponsored National Conference; Environment & Sustainable Development: Issues & Challenges'	G.V.N. College, Koilpatty – Department of Botany
3	Dr. D. Kannan	30.01.2015	Invited to speak on ' <i>Shivathala Marangal</i> ' (in Tamil), (Scared Trees of Lord Shiva Temples), for <i>Saiva Sidhantha</i> Lecture Series	Thiagarajar College, Madurai - Department of Tamil
4	Dr. D. Kannan	25.02.2015	Invited talk on 'Indigenous Knowledge System in Day-to-Day Life', for UGC Students' Seminar 'Biodiversity and Conservation of Medicinal Plants'	Sourashtra College, Madurai - Department of Botany
5	Dr.R.Aruna	20.12.2015	Invited Lecture on Mother Nature and the Amazing Science of birds	Rotary Club of Madurai North West, Madurai
6	Dr.R.Aruna	02.09.2015	Guest Lecture on Role of medicinal plants in human welfare	E.V.R.N. Corporation Girls Higher Secondary School, Madurai
7	Dr.R.Aruna	20.11.2015	Guest Lecture on Medicinal plants & Health care	Visakan CBSE School, Madurai
8	Dr.R.Aruna	27.02.2016	Invited lecture on Nature and Bird Science	Rotary Club of Madurai Blossom, Madurai
9	Dr. D. Kannan	12.03.2016	Invited Lecture on 'Environmental Management through Sustainable utilization of Natural Resources and	Bharathidasan University, Trichy – Department of Environmental

			Indigenous Knowledge'	Management
10	Dr.K.Rajendran	05.03.2016	Invited lecture on Tree Planting; Grow trees and get wealth	NSS Camp on “ Good youth for wealthy India” at Silaiman Panchayat K.K. Nagar and Pasumpon Nagar
11	Dr.R.Aruna	06.08.2016	Guest Lecture on “ Herbal Plants and its Usage”	S.B.O.A Matriculation and Higher Secondary School, Madurai

### Activities undertaken by Nature Club of Thiagarajar College

Campus Development Activities – Bio-waste recycling and Biological Method of Domestic wastewater treatment (Daily activity; since 2010) and cleaning of polluted water resource available from the College Bore well (Daily activity, since 2012).

#### Activities done

2012-2013

- Documentation of Campus Trees and its web content done in 2012
- Vermicomposting using biowastes collected in the College Campus

2013-2014

Date	Place	Event	Activities*	Nature Club Staff and Collaborators	Beneficiaries/Stakeholders
31.01.2014	Govt. Hr. Sec. School, Keezhadi	Extension Activity	↑ Tree Planting, Vermicomposting	Dr. D. Kannan and Faculty and students of Department of Botany	Students of 9 <sup>th</sup> and 11 <sup>th</sup> Std., and teachers – 50 participants
11.02.2014	Tholkappiar Arangu, Thiagarajar College	Nature Expo: A Visual Treat	* Life at Vettangudi Birds Sanctuary – Photo Exhibition Stamps and Coins Exhibition – illustrating nature and biodiversity Indigenous Food Awareness on ‘Sustainable utilization of natural resources’	Dr. D. Kannan, NCC Cadets of TC, research scholars and students of Department of Botany	All students of Thiagarajar College, Faculty members and Staff ~1200 visitors

9.11.2014	D.N. Higher Sec. School, Keezha Anupanadi	Extension Activity	↓ Tree Planting, Vermicomposting	Dr. D. Kannan and Faculty and students of Department of Botany	Students of 9 <sup>th</sup> and 11 <sup>th</sup> Std., Green Club students and teachers – 60 participants
19.12.2014	Thiagarajar College Campus	Tree Walk	^ Trees identification, historical and ethno-medicinal values	Dr, D. Kannan	UG (Botany and Physics) students of Thiagarajar College – 50 participants

### 2014-2015

Date	Place	Event	Activities	Nature Club Staff and Collaborators	Beneficiaries/Stakeholders
22.01.2015	Thiagarajar College	'Food the we have: An Insight'	* Demonstration on safety food Screening of a documentary film 'Slow Poisoning of India'	Dr. D. Kannan	UG (Botany), PG (Maths, Physics, Chemistry, Botany and Zoology Students) – 225 participants
01.08.2015	Fortune Pandian Hotel, Madurai	SI India organized 'Organic Expo'	* Exhibits and demonstration on Organic Products and distribution of Hand-out on Nature Conservation	Dr. R. Aruna and M.Phil., students of Botany	Industrialists, NGOs, Academicians, Students and general Public (about 300 visited the stall at the pavilion)
November, 2015	Kuttaldampatti	Nature Camp	↓ Trekking and Understanding Ecology	Dr. R. Aruna, associated with NSS Unit	NSS coordinator and NSS volunteers



## Environmental Activities undertaken by Nature Club of Thiagarajar College

(2015-2016)

Continuous Activity

Campus Development Activities – Domestic wastewater treatment using microbes

Date	Place	Event	Activities	Beneficiaries/Stakeholders
30.12.2015	Thiagarajar College	Environmental Film Show	Inaugural, New Office-Bearer Introduction, Film Show 'From Pole to Pole, Mountains and Freshwater'; Feedback	300 students of all I UG from regular courses
04.03.2016	Koothiyar Kundu Vilage	Extension Activity organized by Department of Botany	Tree planting and composting method on-farm demonstration	Village communities, students and faculty members – Total 60 Nos.
14.03.2016	Thiagarajar College	Eco-Quiz	4 rounds of Quiz; question-answering; photos identification	Total participants – 14 teams (two in each team); 28 students
.5,10.2016	Thiagarajar College	World Environment Day Celebration- Theme: 'Working Together for Wildlife'	1) English Essay Writing Competition – 'Conservation of Wildlife' and Tamil Essay Writing Competition – ' <i>VanaUyir Parthukappu</i> '  3) Pencil Sketch on the same theme	11 students  14 students
January, 2017	On the sanctioning of vermicompost sales by the College Management, sale of the prepared vermicompost has been initiated			

\* Feedback available, as received from the participants/visitors to the events

↓ Feedback is not available

### **Best practices for Environment Management, done in the College Campus**

- Solid and Liquid Waste management practices through Bioremediation (Biological) methods
- Documentation of trees, herbs and shrubs flora of the College Campus and web content development for College website (tcarts.in) for Campus Trees

### **SWOT Analysis**

<b>Strength</b>  Environmental related activities in the Campus Interest of the students	<b>Weakness</b>  Less support by means of labour force
<b>Opportunities</b>  Training to students in Environmental Management towards, job/industry related activities	<b>Challenges</b>  Organizing students for the activity

### **Future plans**

- Construction of Vermicompost yard
- Continuation of green campus activities through planting of tree saplings, wastewater recycling and compost making by wealth from waste approach.
- Green auditing