



SRI RAAJA RAAJAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to Anna University)

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CLAY POT AIR COOLER SYSTEM

Funded Project(2022)

REPORT

Sri Raaja Raajan College of Engineering and Technology (SRRCET) had recognized “Funded project of Clay Pot Cooler System” on 15th April 2022, in the presence of Principal DR. MAYILVAHANAN AL, M.E., Ph.D.,

Chief Guest: Dr.S.Subbiah former Vice Chancellor of Alagappa University, Dr.A.Elango Principal of ACGCET and other faculty members with Venkatesan (Indian Books of Records.)

Eco-cooler is a cheap and eco-friendly device made from non-biodegradable waste which can be used to reduce the indoor temperature of the building thus giving a comfortable living experience. Air conditioners are a popular way to cool your home, and there are modern versions that can keep interiors at a pleasant temperature with less energy use. But there are plenty of other eco home improvements, too, that could help you go greener without sacrificing comfort. While there is no specific age for when a system should be replaced, the typical lifespan of residential air conditioning systems is between 15 and 20 years; systems in extreme climates, however, may have lifespans closer to 10 years,’ says Steve Dunn. Swapping from an older air conditioner to a modern high efficiency unit with the Energy Star label can reduce energy use and save money. The endorsement shows products meet strict energy efficiency guidelines set by the US Environmental Protection Agency.

50 Clay Pot Air coolers were prepared equal to 50 ton AC and Cooled entire seminar hall which is 3000square feet. It is Organised by SRRCET and





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recognized by Venkatesan (Indian Books of Record) and this project is funded by CADD DESK COMPANY.

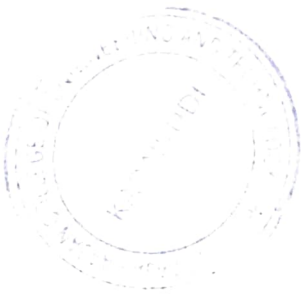
REQUIREMENT OF CLAY POT AIR COOLER SYSTEM

- | | |
|-------------------------|---------|
| 1. Clay pot | - 50 no |
| 2. Water pump | - 50 no |
| 3. Vetiveria ziznioides | - 50 no |
| 4. Fan | - 50 no |
| 5. Base stand | - 50 no |

The curtain of this cooler is made of vetiver root, and thus the cool conditioned air carries a slight fragrance of vetiver. Looking back, I can say that it was therapeutic as well, relevant now as vetiver is used in aromatherapy for relieving stress, nervousness, insomnia, muscle pain, and more.



Indian Books of Records demonstrated before Alagappa Vice-Chancellor Prof. G. Ravi.



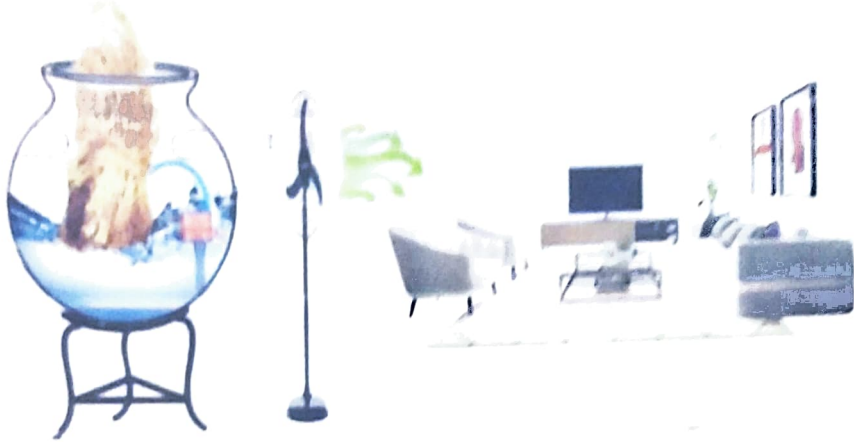


SRI RAAJA RAAJAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by: All India Council of Technical Education, New Delhi, India

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Tamil Nadu - 620 022, India

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E-mail: sraaj@rediffmail.com
Website: www.sraaj.ac.in



WORKING PRINCIPLE



PROJECT MATERIALS ON VENUE (SEMINAR HALL)



[Handwritten signature and text, partially illegible]



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STUDENT LIST

S.NO	REG NUM	NAME	SIGNATURE
1	912518103001	ABIKUMAR	Abi Kumar
2	912518103002	ABINAYA	Abinaya
3	912518103003	ARUNDEENBASTIN.A	Arundeenbastin.A
4	912518103004	BALASUBRAMANIAN.V	Balasubramanian.V
5	912518103005	BRINITHA.S	Brinitha.S
6	912518103006	GANESH.M	Ganesh.M
7	912518103007	KAVIYA.M	Kaviya.M
8	912518103008	MOHAMMED USMAN.N	Mohammed Usman.N
9	912518103009	MUGESHKANNAN.M	Mugeshkannan.M
10	912518103010	NATHIYA.P	Nathiya.P
11	912518103011	NAVANEETHAN.S	Navaneethan.S
12	912518103012	PRAKASH.A	Prakash.A
13	912518103015	SANTHOSHKUMAR.V	Santhoshkumar.V
14	912518103016	SELUVATHI.S	Seluvathi.S
15	91251813017	SUBASHCHANDRABOSE.S	Subashchandra Bose.S
16	912518103018	SURYA.S	Surya.S
17	912518103019	VAITHISHKUMAR.SR	Vaithishkumar.SR
18	912518103020	VIGNESHWARAN.K	Vigneshwaran.K
19	912518103301	DURAIRAJ.S	Durai Raj.S
20	912518103302	EESWARAN	Eeswaran
21	912518103303	GOWTHAMKUMAR.S	Gowthamkumar.S
22	912518103304	HARIHARAN.C	Hariharan.C
23	912518103305	KAVIYARASAN.G	Kaviyasan.G
24	912518103307	MUTHUKRISHNAN.M	Muthukrishnan.M



Sri Raaja Raajan College of Engg.
Amaravathipuram, Karaikudi - 630 301
Sivagangai Dist. Tamil Nadu

Lakshmi Hardwares
 Ariyakudi
 Karaikudi
 Sivaganga 620003
 984141707

Delivery Challan

QUOTE # 225	DATE 02-03-2022
CUSTOMER ID	VALID UNTIL

CUSTOMER INFO
 Rasheed Khan I
 Department of Civil Engineering
 SRRCET, KARAIKUDI

DESCRIPTION OF WORK
 For College Purpose

S.No.	ITEMS	QTY	UNIT PRICE	AMOUNT
1	Eleve Water Pump	50	260.00	12,500.00
2	Fan	25	3,500.00	87,500.00
3	Stand	50	50.00	2,500.00
SUBTOTAL				1,02,500.00
SGST @ 9%				9,225.00
CGST @ 9%				9,225.00
TOTAL QUOTE				1,20,950.00

Thank you for your business!

No:

VOUCHER

Date: 2.3.2022

Sri Raaja Raajan College of Engineering and Technology

Amaravathipur, KARAIKUDI - 630 301, Sivagangai District.

Name and Address: Rasheed Khan I
 H.O.D., CIVIL
 Being:

5500	1
5500	1

Rupees: FIVE THOUSAND FIVE HUNDRED ONLY

Dept. i/c Accountant Dean / Principal Passed by A.O.

Received a sum of Rupees FIVE THOUSAND FIVE HUNDRED ONLY 3.3.22

Contact No.

Received Party Signature of the Party



Principal
 Sri Raaja Raajan College of Engg. & Tech
 Amaravathipur, Karaikudi - 630 301
 Sivagangai Dist. Tamil Nadu

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CADD DESK
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A STEP TOWARDS REFINING ENGINEERING SKILLS...

MEMORANDUM OF UNDERSTANDING (MOU)

Between

CADD DESK

Training, Placement, Software Consultancy
Burma Colony, Karaikudi 630 001

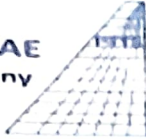
And

SRI RAAJA RAAJAN

COLLEGE OF ENGINEERING AND TECHNOLOGY
Amaravathipudhur, Karaikudi – 630 301

DATE: 15.09.2021

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About CADDESK

CAD DESK provides professional software training on a vast array of courses in the fields of CAD, CAM and CAE. Since its founding in 2007, CAD DESK has provided training to over 1.5 Lakhs+ students and professionals of various countries.

Since its inception, in a very short span of time itself, with the qualitative services of training and well-designed training modules, CAD DESK has expanded its network and become the topmost leading franchise network. *CAD DESK proudly owns 170+ franchise centers in various parts of the country.* Furthermore, we are now expanding our network in the various countries in the world.

CAD DESK is the Authorized Training Partner of *Autodesk, PTC, Bentley Systems and Dassault Systemes*. It enables us to work on a wide range of software – Civil CAD, Mechanical CAD, Electrical CAD.

About SRI RAAJA RAAJAN COLLEGE OF ENGINEERING AND TECHNOLOGY

- Sri Raaja Raajan College of Engineering and Technology was established in 2010 by Sri Muthumari Charitable and Educational Trust with a view to create an Engineering Degree Institute to fulfill the long felt public need of an Institute of Excellence in Karaikudi.
- The trust is located at Amaravathipudur, - midway between Karaikudi and Devakottai
- Sri Muthumari Charitable and Educational Trust is assisted by the Governing and Advisory Council in matters of Policy, Planning and Development of the Institutions.
- The Trust lays stress on providing quality education and maintaining **high** degree of discipline. To meet **the** demands of the people
- SRR CET has **Five UG** Programs and two PG Programs in the most coveted disciplines considering both industrial need and public preference. These courses would lead to award of the Degree of Bachelor of Engineering (B. E.) and Master of Engineering (M.E.)
- SRR CET is approved by AICTE and is affiliated to Anna University ,Chennai.

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A STEP TOWARDS REFINING ENGINEERING SKILLS...

Both CADDESK and Sri Raaja Raajan College of Engineering and Technology join hands in training the students of Civil discipline by providing software training, academic projects, training and recruitment. The purpose of this MOU is to develop academic and educational co-operation between both the parties.

This is to promote enhanced knowledge for the students by providing them final year projects.

To create placement opportunities.

Terms and Agreement:

The person signing this MOU has the full authority to change or modify this agreement on both parties.

The MOU is valid for 3 years from the date of agreement

Signatories:

Witness hereof, the parties hereto have signed this MOU in two original copies in English on the date(s) herein below indicated.

For CADDESK

Branch Manager

Witness 1:

Witness 2:

For Sri Raaja Raajan College of
Engineering and Technology

Principal

PRINCIPAL

Sri Raaja Raajan College of Engg. & Tech.,
Amaravathipudur, Karaikudi - 630 301
Sivagangai Dist. Tamil Nadu