

Ethirmedu, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu. India Approved by: Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai. Website: www.jkkmmrfpharmacy.edu.in |E-Mail: principal@jkkmmrfpharmacy.edu.in Contact No.: +919789456750, +919943069944, +919943066944

7.1.3 E waste management agreement



கமிழ்நாடு तमिलनाडु TAMIL NADU ANALISK SAMPOONASIANNAL COLLEGE OF PHARMACY ETHERMEDU, MONAKAPALAYAM-SBEIRS.

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MEMORANDUM OF UNDERSTANDING - 638 153.

(E-waste Management Services Agreement)

This agreement is entered into between JKKMMRF's - Annai JKK Sampoorani Ammai College of Pharmacy, Komarapalayam, Namakkai, Tamii Nadu and Ms.ARETHA INFOTECH for the management and dismantling / disposal of all our e-waste in order to protect campus, and to conserve our nature and human resources As part of the agreement M/s. ARETHA INFOTECH will oulect all our E-waste generated from JKKMMRF's - Annai JKK Sumpoorani Ammal College of Pharmacy, Kemarapalayam, Namakkal, Tamil Nadu Campus and dispose the same This agreement is for a period of 5 years after the expiry of five years the agreement shall either be renewed or enter into new agreement with ARETHA INFOTECH or any other third party service provider.

DE. N. SENT HILKUMAR,
PRINCIPAL,
IKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
AMAIN K SAMPOORAJI AJAMALICOLISE OF PHARTIACY,
ETH RINEDUKUMARAPALAYAM - 633 183.
NAMAKKAL DISTRICT.TAN UNADU,

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Dr. N. SENTHIMKUMAR. PRINCIPAL.

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNALIKK SAMPOORAHLAMHAL COLLEGE OF PH. = 4 ... f. ETHIRMEDII, KOMARAPALAYAM - 638 183 NAMAKKAL DISTRICT, TAMILA



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In this contract the term "e-waste" is defined as electrical and electronic equipment, whole or in part discarded as waste that have become essentially reached the end of their useful life

E-waste also contains toxic and hazardous materials in our computer and other pharmacy laboratory chemicals including mercury, lead, cadmium, beryllium, chromium, and chemical flame retardants, and other lab related items which have the potential to leach into our soil and water. It also includes the items used in all labs of the college.

For the purpose of this Agreement, the term "Waste Material" shall mean any and all electrical, electronic and hazardous waste material. To this agreement, the term "Hazardous Material" shall mean any and all hazardous material (storage devices, acids and chemicals), used in our laboratories for student's practical purpose.

To this agreement, the term "Waste Management Services" is the services that are provided by contractor ARETHA INFOTECH as directed by JKKMMRF's - Annai JKK Sampoorani Ammal College of Pharmacy, including the handling. The charges as agreed between both the parties will be applicable.

Mutually agreed between JKKMMRF's - Annai JKK Sampoorani Ammal College of Pharmacy and Ms. ARETHA INFOTECH, from 01-08-2022.

On Behalf of

HEKUMAR. PRINCIPAL.

IKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNALIKK SAMPOORANI AMMALCOLLEGE OF PHARMACY, ETHIRMEDU, KOMARAPALAYAM - 638 183. NAMAKKAL DISTRICT.TAMILNADU.

2. FOR ARETHA INFOTECH

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SOUTONES BENJATUN]
SO J. STANLEY SATHDYA KUMAR.
128/8, VARNA PURAM, BHAVAND, FRODE.

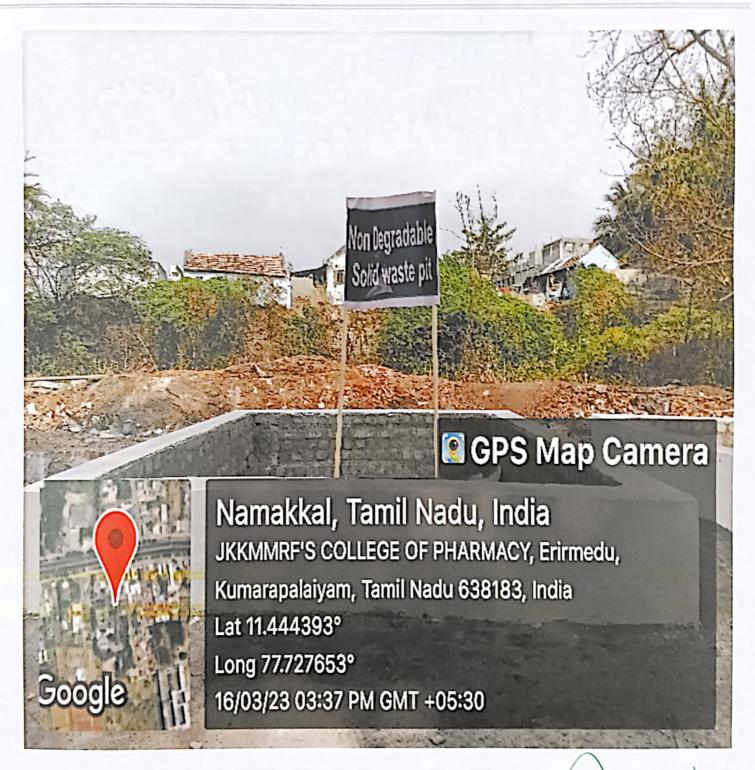
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JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNALJKK SAMPOGRANI AMMAL COLLEGE OF PHONOLOGY ETHIRMEDU, KOMARAPALAYAM - 638 133 NO A KKAL DISTRICT, TANGLES JO.



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NON-DEGRADABLE SOLID WASTE PIT

Dr. N. SENTHILKUMAR PRINCIPAL,

HAKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,

ETHIRMEDU KOMARAPALAYAM - 638 183.



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Collection and disposal of all Degradable and Non- degradable Solid Waste has been stored in 4m x 4m pit in college campus.



DEGRADABLE SOLID WASTE PIT



Dr. N. SENTHILKUMAR, PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, ETHIRMEDU. KOMARAPALAYAM - 638 183.

NEMAKKAL DISTRICT, TAMILNADU



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DEGRADABLE AND NON-DEGRADABLE SOLID WASTE PIT



Dr. N. SENTHILKUMAR, PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, ETHIRMEDU, KOMARAPALAYAM - 638 183. NAMAKKAL DISTRICT, TAMILNADU.



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Different coloured bins have been provided across the campus for collection of the solid waste generated at different sources in college. These bins are colour coded specific to a category of solid waste:



Green bin - Biodegradable, organic waste like cooked food, vegetables, fruit etc.

Blue bin - Recyclable waste like paper, cartons, cans, metallic items, etc Red bin - Non Degradable waste like metals e-waste etc...



Dr. N. SENTHILKUMAR, PRINCIPAL,

ANNAI JKK SAMPOORANI AMMAL COLLEGE C'
ETHIRMEDU, KOMARAPALAYAM

NAMAKKAL DISTRICT, TAMILNAUU.



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In order to dispose of acids and harmful bases properly neutralized or diluted and then disposed of in the college campus charcoal pit.



CHARCOAL PIT



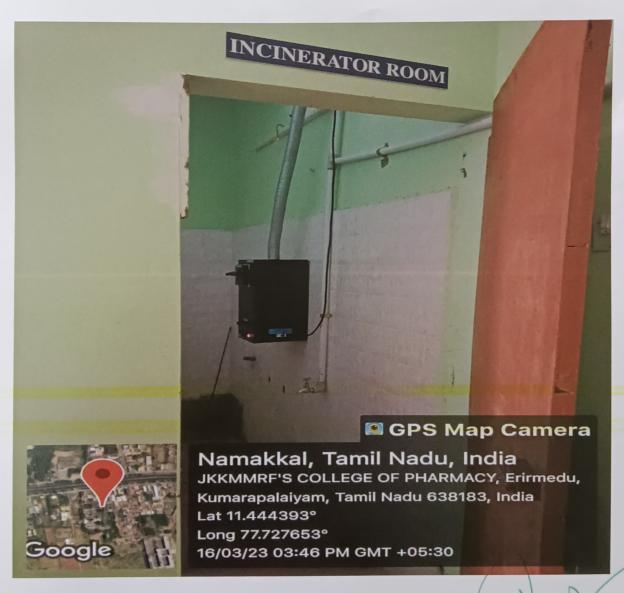
Dr. N. SENTHILKUMAR,
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We have a separate chamber dedicated to incinerators for our Bio-Waste management system.

The disposal of biological waste at our institute is handled by our own incinerator. In addition to that, our biowaste management system includes an incinerator for sanitary napkins and other sanitary waste.



INCINERATOR ROOM

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Dr. N. SENTHILKUMAR, PRINCIPAL,

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E-waste management agreement



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Dr. N. SENTHIL PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, ETHIRMEDU KOMARAPALAYAM - 638 183. NAMAKKAL DISTRICT, TAMILLOJ.



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Mutually agreed between JKKMMRF's - Annai JKK Sampoorani Ammal College of Pharmacy and Ms.ARETHA INFOTECH, from 01-08-2022.

On Behalf of

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For ARETHA INFOTECH

R. Mahalo Z

Witness: 1

P. DHAKSHINAMOORTHS

STO L. PERUMAL, V879 NORTH STREET

BHAVOWS, ERODE(D.T)

[S. JONES BENTATUN]
S/O J. STANLEY SATHIYA KUMAR.
128/B, VARNA PURAM, BHAVANI, FRODE.

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Dr. N. SENTHIERUMAR,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNALJKK SAMPOORANI AMMAL COLLEGE OF PHARMAU'S

ETHIRMEDU. KOMARAPALAYAM - 638 183. NAMAKKAL DISTRICT, TAMILNADU.



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GST No: 33AAMFA0689H1ZE



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ARETHA INFOTECH

NO 6/2, KONGU COMPLEX, SANKARI ROAD, THIRUCHENGODE-637211

PH: 04288 - 255557, MOB: 94432 - 81999, 98428 - 56557

Email: ait.tgode@gmail.com, ait_tgode@rediffmail.com

All Brands Desktops, Laptops, Printers, UPS, Accessories are Sales & Service, Networking

Date: 05/08/2022.

The following e-waste goods are purchased from your institution in accordance with the terms and conditions outlined in the e-waste agreement, as shown in the list that is attached below.

Items	Quantity	Weight per lot	Rate	Amount
Monitor	20 Nos		220/No.	4400
CPU	18 Nos	•	150/No.	2700
Printer	2 Nos	-	100/No.	200
Miscellaneous (Mouse , keyboard , UPS etc)	-	246 Kg	20/kg	4960
Total				12,220/-
	Monitor CPU Printer Miscellaneous (Mouse , keyboard ,	Monitor 20 Nos CPU 18 Nos Printer 2 Nos Miscellaneous (Mouse , keyboard , UPS etc)	Nonitor 20 Nos -	Nonitor 20 Nos -

FOR ARETHA INFOTECH

Dr. N. SENTHILKUMAR, PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,

ETHIRMEDU KOMARAPALAYAM R38 183. MAL DISTRICT, TAMILLANDI.

E-waste disposed through waste management partner.



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7.1.3. WASTE MANAGEMENT STEPS

Degradable and non-degradable Policy Document

Effective waste management through efficient disposal or recycling is an important process for any organization as it impacts the health and environment of not only those who work and live on campus, but also those in the surrounding community. Therefore, providing a healthy and safe environment is our top priority.

E - Waste Management

E-waste from labs is properly collected and is given to the licensed recycler, reused wherever possible, donated, and sold if possible. Non-working computers, monitors, and printers are discarded and scrapped on a systematic basis. Some parts useful for other systems are kept aside for future use. Students are also imparted awareness and education about E- Waste.

Solid Waste Management:

Routine solid waste is daily collected in dustbins at different locations, which are emptied in movable containers and carts, after segregating into different types of bio and non--bio degradable waste and taken to the dumping yard.



Dr. N. SENTHILKUMAR,
PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATK
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMA
ETHIRMEDU, KOMARAPALAYAM - 638 183,
NAMAKKAL DISTRICT, TAMILNADU,



A) Biodegradable Solid Waste

In **JKKMMRF's** Solid waste management is accomplished either by consumption or by outsourcing its collection and disposal to a Village panchayat. Over 20 bins have been provided across the campus for collection of the solid waste generated at different sources in college. These bins are colour coded specific to a category of solid waste:

Green bin - Biodegradable, organic waste like cooked food, vegetables, fruit etc.

Blue bin - Recyclable waste like paper, cartons, cans, metallic items, etc. The non-toxic, biodegradable waste is collected and used for making compost through the Vermicompost process for which pits of size 4m X 4 m have been made in the campus. It takes 6-8 days for a pit to fill and 45 days to convert the biodegradable waste into Vermicompost. The Vermicompost is used in nurseries, agriculture farms, and for research purposes.

B) Non-Biodegradable Solid Waste collection

Collection and disposal of all Non-Biodegradable Solid Waste has been stored in 4m * 4m non-Biodegradable pit in college campus. The college has tied up with the local municipal.



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WASTE MANAGEMENT POLICY

Waste management policy articulates promise to reduce its environmental impacts through effective waste management and sustainable practices in converting waste to resources,

The campus strives to realize sustainable and holistic waste management essential and reducing its foot print and providing a safe and healthy work environment for teaching and non-teaching employees, students, visitors and stake holders.

- Committed for obtaining a Zero waste plan thus obtaining its ecofriendly status through the policy of reduce, reuse, and recycle.
- Recycling and reuse the recyclable material like plastic, metals, paper and other shall be handled over to the external agencies.
- Avoiding and minimizing the generation of waste- organizing awareness program for waste management through various club activities.
- Segregation of solid waste-degradable and non-degradable wastes are suggested to handle over separately segregated into different types of degradable and non-degradable waste and taken to the dumping yard.
- Reducing paper waste through relying more electronic devices at all levels including governance, examinations, admission, and finance. E-governance shall be ensured to implement innovate strategies and these by reduce paper waste in the campus.
- Reduce E-Waste to maximum with proper maintenance before moving on to replace and recycle.

The campus is provided into training on legislation, hazardous, compliance and the policy by conducting waste management awareness programme throughout the year. All the students, faculty, staff members and stake holders are made aware of the policy.

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Dr. N. SENTHILLKUMAR,
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PALAH MEDICA INSERT.

JKK MUNIRAJAH MEDIC L'RELL ROH FOUNDATION
ANNALJKK SAMPOORANI A'M LO LLEG OF PHARMASY.
ETHIRMEDU KOMARAPALAYAM - 638 183.
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