



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



7.1 INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITIES

Facilities in the institution for the management of degradable and non-degradable waste

- 1. Solid waste management**
- 2. Liquid waste management**
- 3. E-waste management**
- 4. Waste recycling system**
- 5. Hazardous chemicals and radioactive waste management**


PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).**



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Geo Tagged photos of Solid waste management

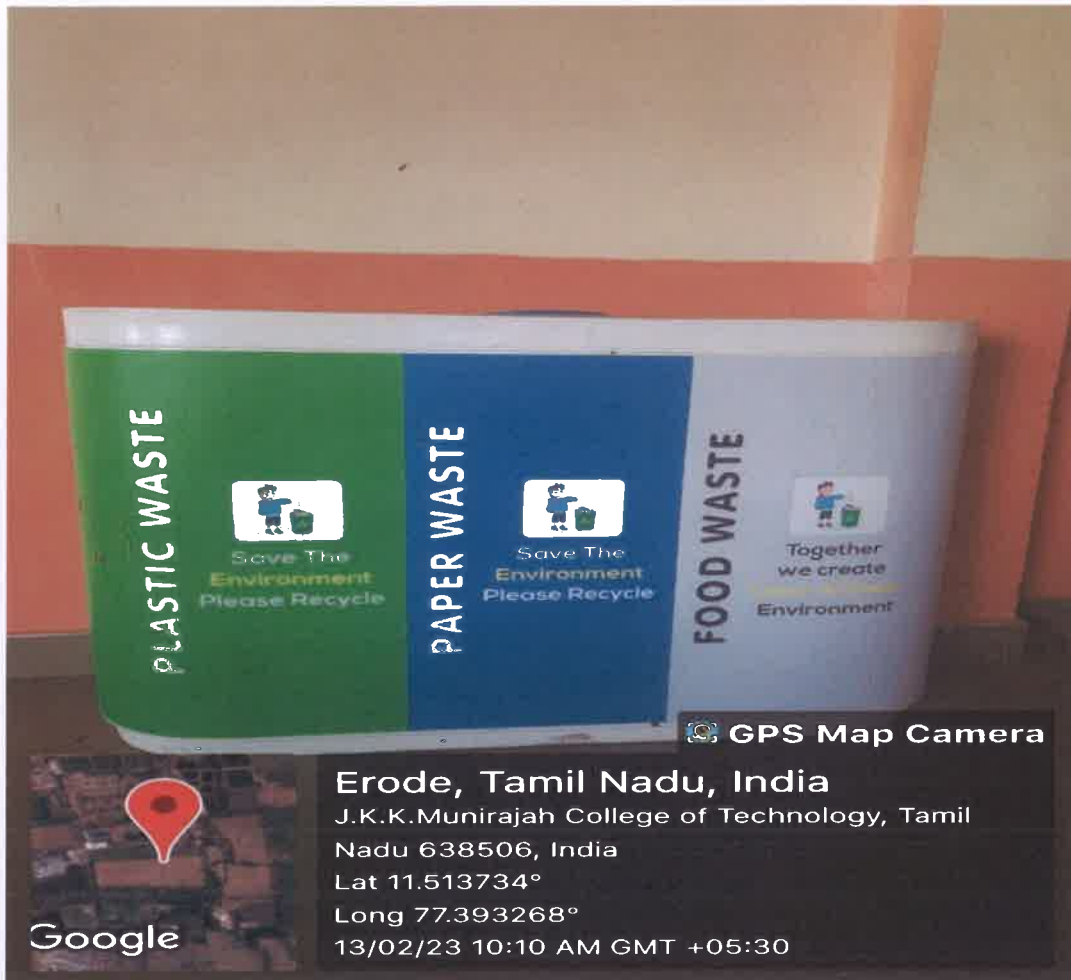


J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Degradable and Non-Degradable Waste Bin

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

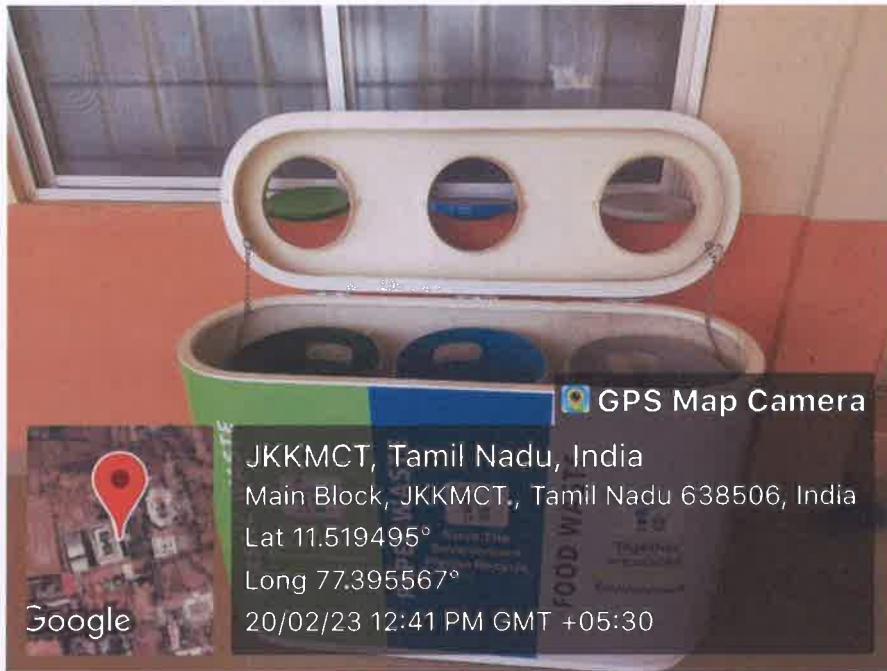


J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

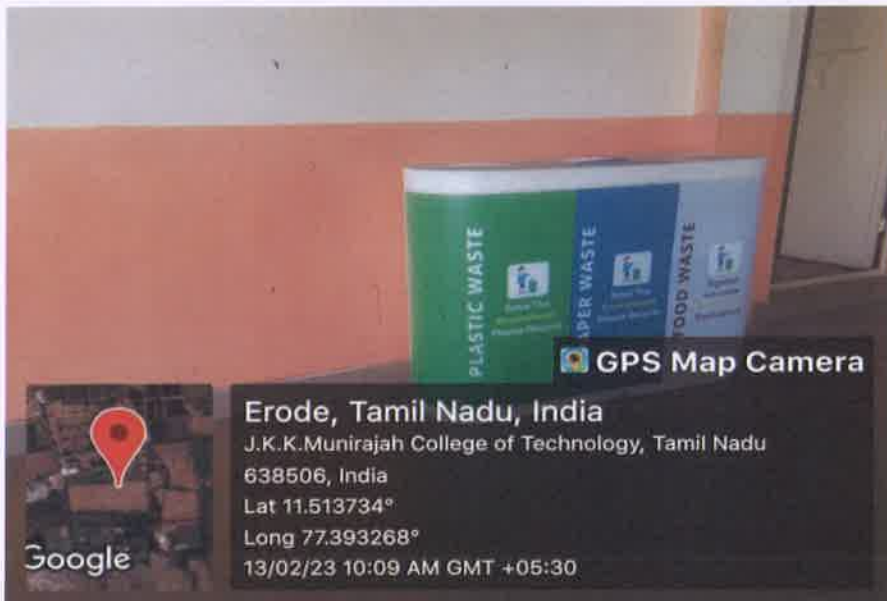
Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Interior view of Degradable and Non-Degradable Waste Bin



Photos of Degradable and Non-Degradable Waste Bin in First floor

[Signature]
PRINCIPAL

JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt)

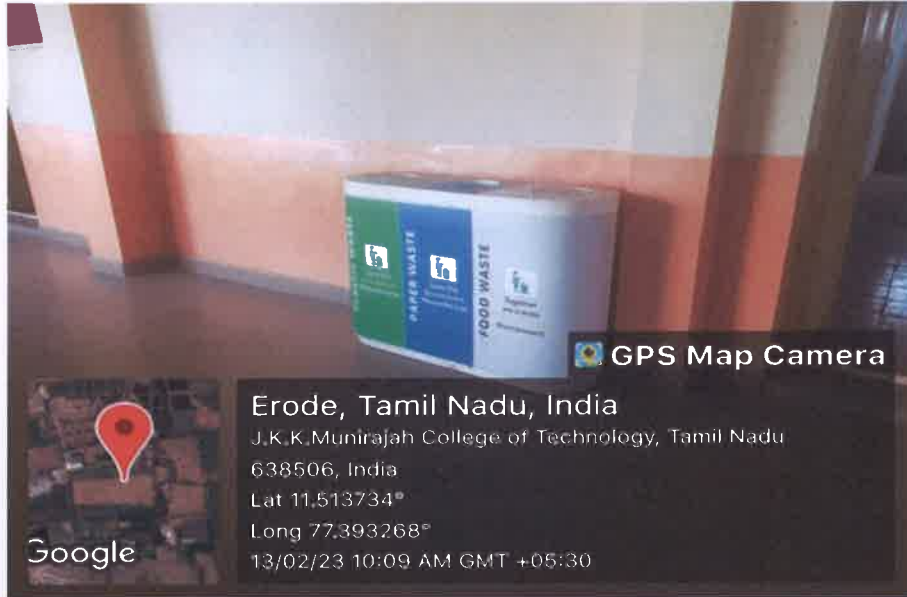


J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Degradable and Non-Degradable Waste Bin in second floor



Photos of Degradable and Non-Degradable Waste Bin in Third floor

Seedh
PRINCIPAL
J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
Gobi (Tk), Erode (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



GPS Map Camera

JKKM, Tamil Nadu, India
J.K.K.Munirajah College of Technology,
Talamalai R.F., Tamil Nadu 638506, India
Lat 11.609389°
Long 77.416858°
13/02/23 03:10 PM GMT +05:30

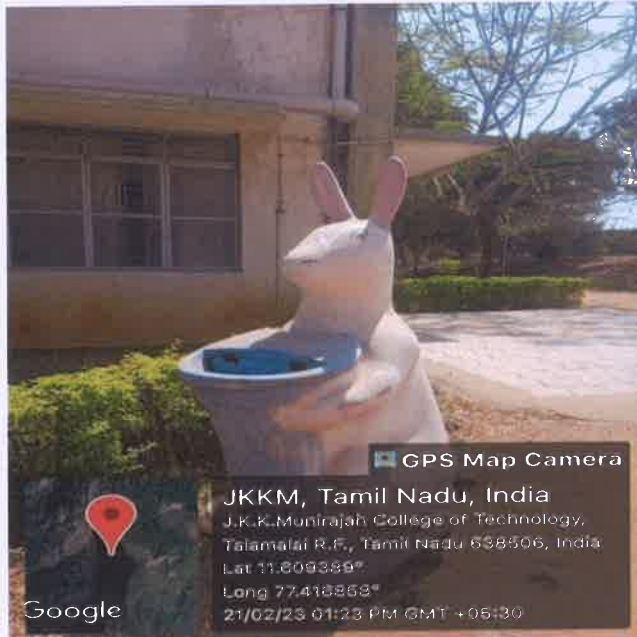
Google



GPS Map Camera

JKKM, Tamil Nadu, India
J.K.K.Munirajah College of Technology,
Talamalai R.F., Tamil Nadu 638506, India
Lat 11.609389°
Long 77.416858°
21/02/23 01:21 PM GMT +05:30

Google



GPS Map Camera

JKKM, Tamil Nadu, India
J.K.K.Munirajah College of Technology,
Talamalai R.F., Tamil Nadu 638506, India
Lat 11.609389°
Long 77.416858°
21/02/23 01:23 PM GMT +05:30

Google



GPS Map Camera

JKKMCT, Tamil Nadu, India
Main Block, JKKMCT., Tamil Nadu 638506, India
Lat 11.519455°
Long 77.395557°
13/02/23 02:56 PM GMT +05:30

Google

Bio-degradable and Non-Biodegradable wastes are put in proper waste bins located in workshop labs and corridors

Seede
PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).**



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Composite Pit in solid waste management


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (DT).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Garbage collection vehicle



JKKM, Tamil Nadu, India
JKK Munirajah College of Technology
Lat 11.518931°
Long 77.394762°
18/02/23 11:29 AM GMT +05:30

Photos of Garbage collection vehicle (Municipality T.N - palayam)

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Garbage collection vehicle (Municipality T.N-Palayam)

Seede

PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY**

T.N. PALAYAM (Po), 638 506

GOBI (Tk), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

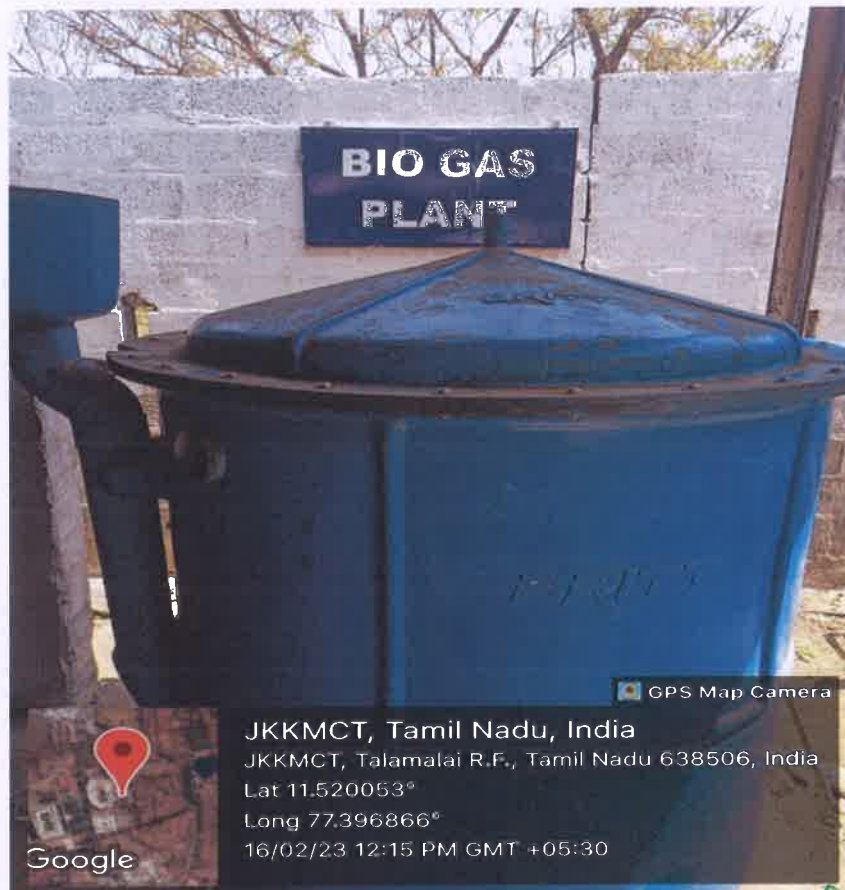
Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



1. 4 BIOGAS PLANT

1. Biogas plant (7.5 kg/day of LPG per 100 kg of waste) is available where Biogas is produced by Produced by fermenting biomass.
2. Organic input materials, manure and dung are fed into the biogas plant.
3. They are converted into bio fertilizer and spread onto fields
4. Bio gas obtained from the plant is used for cooking.



Photos of Biogas plant in our College Boys Hostel

Seetha
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (PO) - 638 506
GOBI (TK), ERODE (DT).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Unitization of Biogas in Pantry

Seedle
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
ERODE (Dt)



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Food Waste



Photos of Food waste in Hostel and Canteen

Seetha

PRINCIPAL

JKK MUNIRAJAH COLLEGE

OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



J.K.K MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Geo Tagged photos of Liquid waste management



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

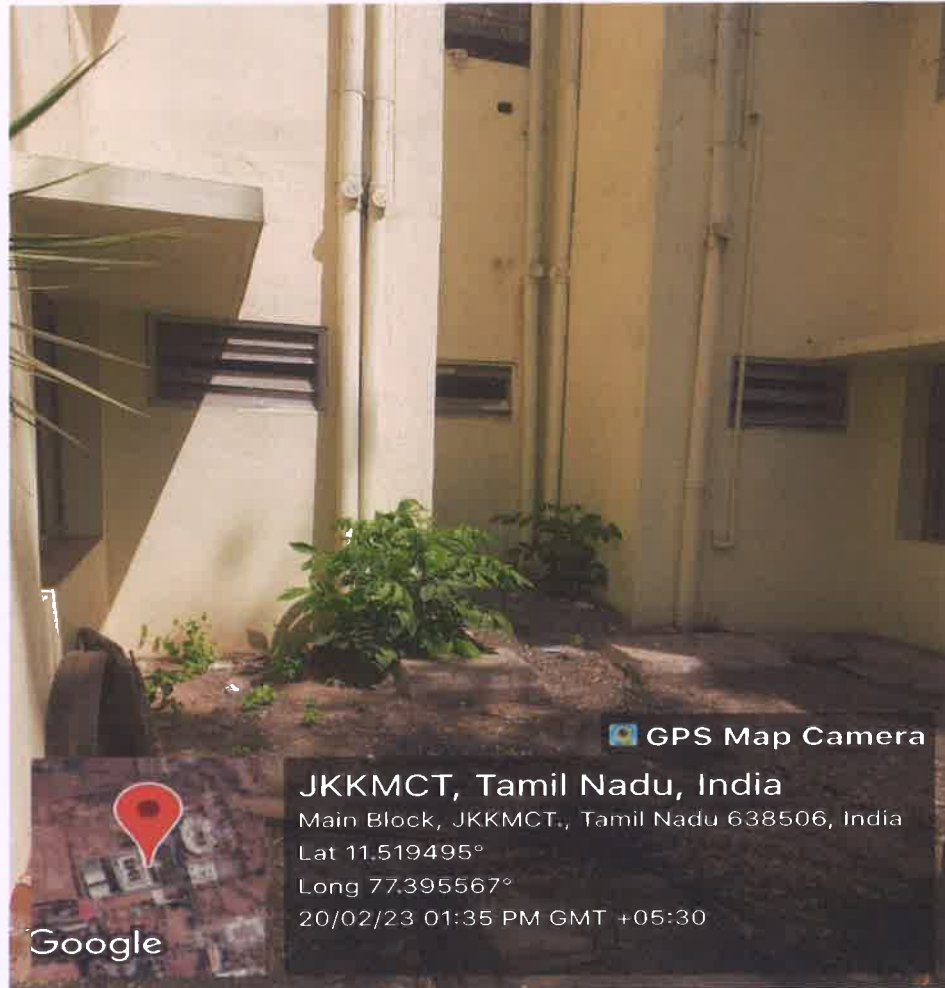
T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



LIQUID WASTE MANAGEMENT

The waste chemicals mixed water from laboratory passes through concealed pipe line into soak pit & recycled water is used for the watering trees or non-potable usage.

Liquids are diluted by getting mixed with the washroom and toilet liquid wastes in to the common drainage.



GPS Map Camera

Google

JKKMCT, Tamil Nadu, India

Main Block, JKKMCT., Tamil Nadu 638506, India

Lat 11.519495°

Long 77.395567°

20/02/23 01:35 PM GMT +05:30

Photos of liquid waste Management pipe lines

PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY**

T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).

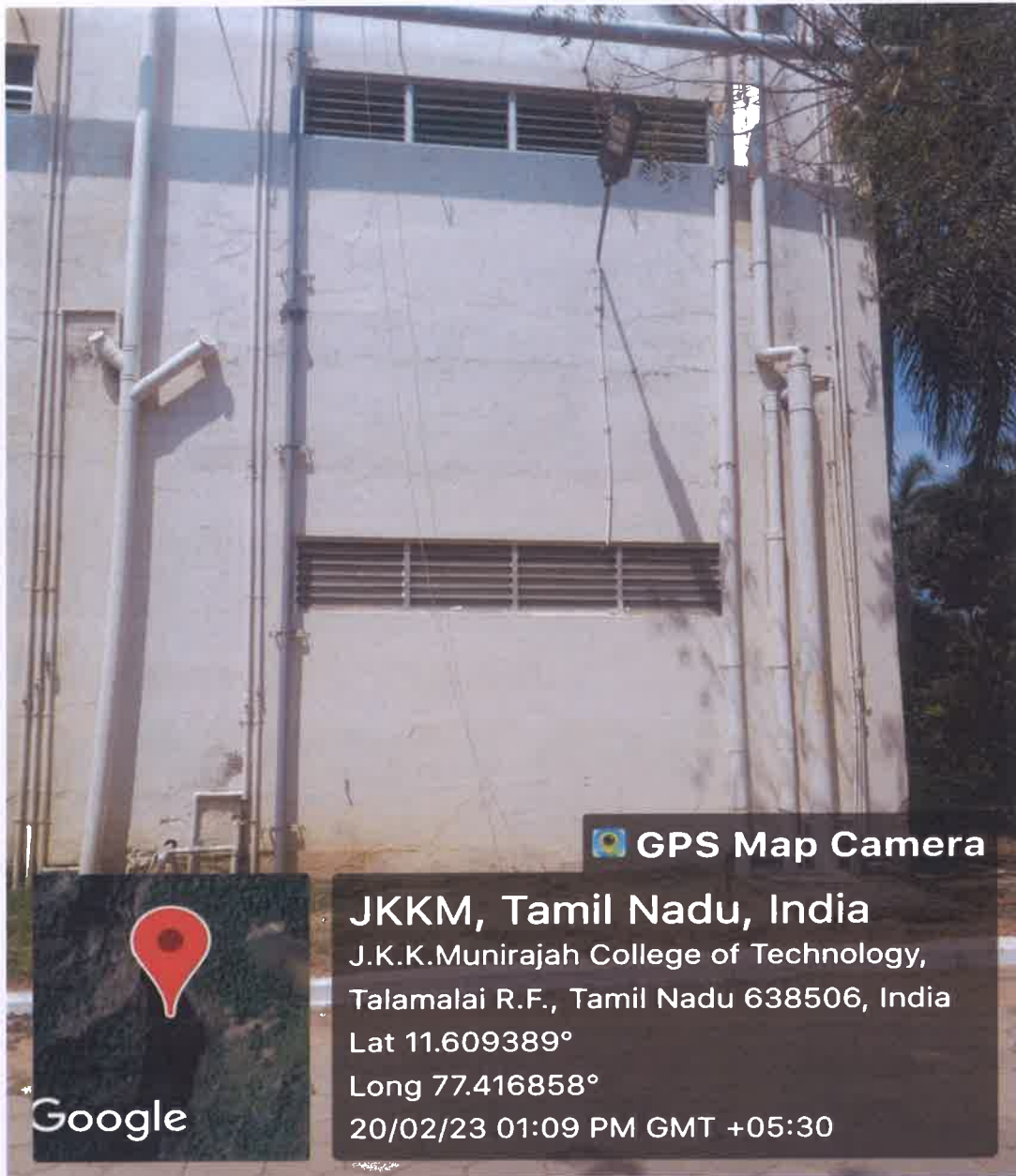


J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of liquid waste Management pipe lines

Seedh
PRINCIPAL

JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



 GPS Map Camera



JKKMCT, Tamil Nadu, India

Main Block, JKKMCT., Tamil Nadu 638506, India

Lat 11.519495°

Long 77.395567°

20/02/23 01:04 PM GMT +05:30

Photos of Septic tank located with our college backside

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY

T.N. PALAYAM (Po), 638 506

GOBI (Tk), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Liquid waste Management (Save Water)

Keedle

PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY**

**T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (DT).**



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Liquid waste Management (Save Water)

Seedh.
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po), 638 506.
GOBI (TK), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



SANITARY NAPKIN INCINERATOR

- In House disposal facility of sanitary napkins
- Incineration is used by the institute to dispose of the solid waste.
- Sanitary napkin incinerations are installed inside the campus to promote hygiene.



Photos of JKCMCT Sanitary Napkin Incinerator

Seedh

PRINCIPAL

J.K.K. MUNIRAJAH COLLEGE

OF TECHNOLOGY

T.N. PALAYAM (Po)-638 506.

G.OBI (TK), ERODE (DT).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Agricultural Waste

Seedh

PRINCIPAL

**JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY**

**T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).**



J.K.K MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Geo Tagged photos of E-waste management



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



3. E-WASTE

3.1. E-waste Management

- Electronic goods are put to optimum use by repair work done by technical assistant
- Non repairable e-waste like obsolete electronic devices such as computer systems, servers, monitors, compact discs, printers, scanners, calculators, fax machine, battery cells are used models to explain concepts to the students.
- Otherwise, safely stored in a room and sold as a scrap for every academic year.
- Students are encouraged to reuse e-waste for project.
- Data are stored in cloud, to avoid the usage of CD-ROM and pen drives.



Photos of Electronic waste

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (Tk), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY


Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Electronic waste


PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (Dt).



J.K.K MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Geo Tagged photos of Hazardous chemicals and radioactive waste

J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



4.1 HAZARDOUS CHEMICALS & RADIO ACTIVE MANAGEMENT

Hazardous chemicals are kept away from the reach of students. Fire extinguishers are available in all labs. Regular check on fire extinguishers is taken care by administration department. Labs are well ventilated & spacious.

Hazardous waste can be treated by chemical, thermal, biological, and physical methods. Chemical methods include ion exchange, precipitation, oxidation and reduction, and neutralization. Among thermal methods is high-temperature incineration, which not only can detoxify certain organic wastes but also can destroy them. Special types of thermal equipment are used for burning waste in either solid, liquid, or sludge form. These include the fluidized-bed incinerator, multiple-hearth furnace, rotary kiln, and liquid-injection



Photos of Hazardous chemicals & radio active management

Seedh
PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506
GOBI (TK), ERODE (Dt).



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade



T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



Photos of Hazardous chemicals & radio active management

Seedh
PRINCIPAL

**J.K.K. MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506.
GOBI (TK), ERODE (DT).**



J.K.K. MUNIRAJAH COLLEGE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.

Accredited by NAAC with "A" grade

T.N. Palayam (Po), Gobi (Tk), Erode (Dt) – 638 506



4.2 FIRE EXTINGUISHERS

An fire extinguishers is an active fire production device used to extinguish are control small fires, often emergency situation. It is not intended for use on an out-of-control fire. Such as one which has reached ceiling endangers the user, or otherwise require the expertise of a fire bridge.



Photos of Fire Extinguishers

Seede

PRINCIPAL
JKK MUNIRAJAH COLLEGE
OF TECHNOLOGY
T.N. PALAYAM (Po)-638 506,
GOBI (Tk), ERODE (Dt).