



ELECTRIC CREMATORIUM

(Smart City Funded INR 3.23 Cr)

PROJECT SUMMARY

It is a common sight in most open crematoriums, where a cloud of black smoke covers the blue sky. According to a report, all year round, around 50 to 60 million trees are burned during cremations in India. While burning the wood, millions of tonnes of carbon dioxide gas are also emitted, which is harmful to the environment.

The two main drawbacks of the traditional method of cremation are air pollution and deforestation. The traditional funeral pyre requires around 500 - 600 kg of firewood and the mortal remains can be taken only after 24 hours.

On the other hand, electric cremation is comparatively less expensive and the mortal remains can be taken within a few hours of cremation. In electric cremation, wood is not burned and there are no gas emissions. It is no doubt an unconventional way of cremation but it helps in saving resources like wood, kerosene and etc. It is the most economical option for funerals.

Electric crematorium, also known as "Flameless cremation", or "Resonations" is a technology that is revolutionizing the way we approach end-of-life cremation. Electric crematorium is an environmentally eco - friendly system for cremation that does not consume any wood for cremation. Under this project, Nashik Smart City has installed 2 units of electric furnaces with chimneys.

- ▶ Electric crematoriums are more significant because they offer a more sustainable, efficient and hygienic alternative to traditional cremation. One of the most significant benefits of electric cremation is its environmental impact.
- ▶ Electric crematorium does not release harmful chemicals and gases into the air that contribute to air pollution and potentially harm the environment.
- ▶ Electric crematoriums are a more sustainable option, they use less energy and produce less waste than traditional cremation.
- ▶ Additionally, the remains produced through electric cremation are sterile, making them a safer option for disposal.
- ▶ During COVID -19, the electric crematorium installed at Amaalham was helpful in the cremation of bodies 24x7. Approximately, 4300 bodies were cremated and thus, tons of wood was saved during the time of the Covid - 19 pandemic 2020 - 2022.

IMPACT

