**Page 1: Science of Holy Cow Dung (God’s Gift)**

**Cow Dung Valentine Gifts, US**
Kristin Murdock manufactures valentine gifts (clocks, mirrors, gift cards) from dried Cow Dung
http://www.cowpieclocks.com

**Cow Dung Pens - John Lopez, South Texas, US**

**Cow Dung Plant Pots - Eugene, US**

**Cow Dung Vanilla - Japan - Noble Prize Award**
For shampoo, aromatic candles, food: By Researchers/Noble-Laureates from Research Institute of International Medical Centre of Japan

**Cow Dung Milk Bowls - Darjeeling, India**
Cow Dung Bricks, India
Cow Dung Bricks with clay are good for health, keep away insects. They keep house cool in summer, warm in winter

**Cow Dung Paintings**

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**International Cow Dung Artist**
Sheela Gowda (KA, India) uses Cow Dung for her paintings as Cow is symbol of non-violence and Cow Dung is used in rituals

**Cow Dung Products, India**
1) Cow Dung Medicines
2) Cow Dung Mosquito Coils
3) Cow Dung Fertilizers
4) Cow Dung Insecticides
5) Cow Dung Shampoos
6) Cow Dung Facial Creams
7) Cow Dung Dish Cleaners
8) Cow Dung Sandal Soaps
9) Cow Dung Tooth Powders

**Cow Dung Concrete**
Mixture of Cow Dung, clay, sand creates a material like concrete but softer, cool in summer and warm in winter

**Cow Dung Gasoline - Japan**
Sakae Shibusawa, an agriculture engineering professor at Tokyo University of Agriculture and Technology, said his team has successfully extracted 1.4 milliliters (0.042 ounces) of gasoline from every 100 grams (3.5 ounces) of Cow Dung by applying high pressure and heat

**Dry Cow Dung Smell Negates Cancer**
Brooke Donovan: *New Scientist* magazine reports that farmers working with dry Cow Dung have 5 times less risk of getting Cancer compared to City inhabitants (from their research in Italy, Germany, France)

**Cow Dung to Power Cell Phones**
A team of MIT students developed a hand-held Cow Dung device that can be used to charge Cell Phones. The team known as BioVolt, won first prize in inaugural MADMEC (MIT and Dow Materials Engineering Contest)

**Cow Dung Cell for Laptops, OSU, US**
Scientists of Ohio State University say the Cow Dung cell (rechargeable batteries) they developed proves there are ways to generate renewable electricity that are both cheap and plentiful

**Cow Dung Powered Mobile Networks**
In a pilot project in Pune, the 3 organizations (Ericsson, Idea Cellular, GSMA) will begin using Cow Dung to power mobile base stations, which are beyond the reach of electricity grid

**Segway Cow Dung Water Purifier, US**

**Segway Scooter - Sterling Engine - Dean Kamen**

**God’s Gift - Cow Dung - The Future**

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Richard Tomlinson says he can create enough energy to power all 500 homes in his local village Holt, Wrexham, UK, by using Cow Dung from his 600 organic dairy Cows.

Cow Dung Multi-Acre Biogas Project - Fresno, California, US
Natural gas to power few thousand homes a day. If successful, they (BioEnergy Solutions) plan to host similar operations across California's agricultural heartland.

Cow Dung Biogas Project - Luxembourg
Electrical production of 1366 MWh/yr (supplied to grid) and heat production of 2037 MWh/yr (for swimming pool, sports centre & school).

Cow Dung Bio-Digester - Addis Ababa, Ethiopia
Ethiopian Church's Sebata Nunnery: For cooking meals to more than 1000 children at school and for over 200 orphaned kids.

Cow Dung Factory - China - US $5.7 Million - Producing 30,000 Kwh-Hrs/day
Mengniu Dairy (Inner Mongolia, China), with an investment of US $5.7 million is using equipment and technology from Germany to process Cow Dung and Urine. It is able to produce 30,000 kilowatt-hrs of electricity daily.

Cow Dung - Natural/Bio Gas, Fuel, Energy

Cow Dung - Bio-Digester Design

Electricity from Cow Dung, US
Brothers Kevin and Daryl Maas of Washington State are working on producing electricity from Cow Dung. They use a proven and commercialized technology.

Compressed Gobar Gas - (CGG) Plant

$36 Million Cow Dung Project
Imperial Valley: A company (BioRenewable, US) is planning to generate 14 MWatts of electricity to power 98,000 homes from 2008.

Cow Dung Powered Generator to Produce Electricity - MMA Inc, Florida

Cow Dung Incense

Cow Dung Tooth Powder

Cow Dung Dish Washer

Cow Dung Fire Cakes

Cow Dung Sandal Soaps

Cow Dung Facial Cream
Cow Dung usage in India: Cow Dung usage has a prominent importance in India since past few thousands of years in the areas of medicine, agriculture/farming, atmospheric protection, etc. There also few festivals associated with Cow Dung.

Deity Cleaning with Cow Dung: Vishnu temples priests have strict austerity and vows to follow when performing worship of deity - e.g. wearing just-previous day washed robes, washing hands and legs before entering the temple, abstaining from touching any animal or liquid/wax of any of their own body-exit-hole during deity worship, washing face if sneezed, washing hands/mouth if eaten anything, etc. But in spite of such severe austerity of untouchability during deity worship, they wash the new deity with holy Cow Dung. This practice is there in India since few thousands of years. Who can indeed understand this science that seems illogical to human brain? Material science may be able to explain swachhata (neatness), but not pavitrata (purity) and divyata (holiness).

Mahaabhaarat: "One should never show any disgust towards Cow Urine and Cow Dung..." [Anusaasana-parva Sections 83-87/Mahaabhaarat: "Of all the 84 lakh (8.4 million) species of living entities, only the Cow is such an entity whose Dung is not impure, but rather it purifies every other kind of impurity." Rig Veda: "pancha-gavya - The 5 products of the Cow (milk, curds, ghee, urine, dung) are used for agni-hota (fire sacrifices) and also for bathing of a new deity before installation."


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Killing a Human or Cow (especially in India) is a dreadful, intolerable and punishable offense. Please raise your strong voice to protect the Cow irrespective of whatever caste, community or religion you belong to.

Message to Indians: Till there are not sufficient organizations to care-take all the cows, let them have a natural life and death, but do not allow anyone to have her/his axe fall on them. Keep count and an eye on the Cows in your area.


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