Developed India in 2020





10

A Nation that is one of the best places to live in, on the earth and brings smiles on a billion plus faces



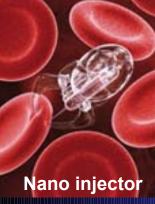
Developed India in 2020

- 1. No Rural Urban divide
- 2. Equitable distribution of energy and quality water
- 3. Sustained GDP growth rate and employment generation in three economic sectors
- 4. Education for all
- 5. Best destination for talented scholars and scientists
- 6. Health care for all
- 7. Transparent Governance
- 8. Poverty and illiteracy eliminated and justice in time
- 9. Prosperous, healthy, secure, peaceful and happy India
- 10. Smiles on a billon faces

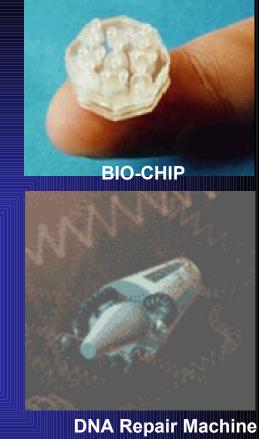
MISSION for young scientists

Progress in Biotechnology

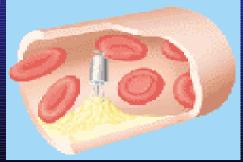


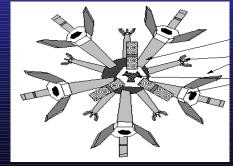


- Gene Therapy
- Genetic Modifiers
- Drugs designed for individuals
- Nano medicine
- Develop a living cell
- DNA repair
- Stem Cells
- Drug delivery Nano robots
- Tissue culture (Liver, Kidney etc.)









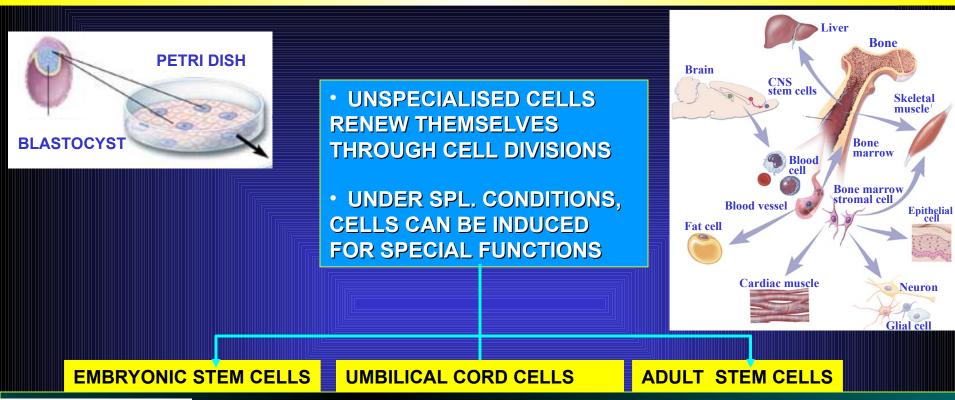


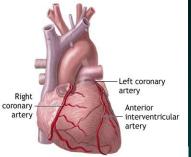
Medical Nano bots

Artery cleaner

Drug delivery system - Nano Robots

STEM CELLS

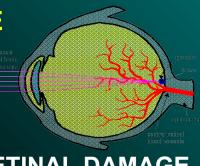




HARDENED HEART MUSCLE

- REPAIR OF DAMAGED HEART MUSCLE
- RESTORATION OF VISION
- PARKINSON'S DISEASE & MENTALLY

CHALLENGED



RETINAL DAMAGE, GLAUCOMA

Universal Tele-Education delivery System

CONNETIVITY

Satellite, Broadband, Wireless Communication
Provides a highway for reaching Quality Education to all

Tele-Education Delivery System

- Universal Tele-education System
- Multi-Class Environment
- Seamless two way connectivity
- Synchronized multi-media delivery

- Digital Library integration
- Content management
- Internet Resource availability
- Remote Virtual Classroom
- Cost effective Connectivity

Collaborative environment

A remote teacher can become a teacher to all remote Virtual Classrooms

Unique, Innovative and Creative Content and assimilation through animation

Lectures

Laboratory

Library

Books

Internet

Quality Content Generation

Biodiesel - Jatropha



33 million hectares of wastelands with little inputs, and been allotted to tree plantation in States: Tamilnadu, Andhra Pradesh, Chattisgarh, Orissa, North Bengal India.

Use of biodiesel is

completely CO,

emmision free;

the plantation

emmisions

trading.

the CO, fixed by

could be used in



Multipurpose trees such as Jatropha can grow well on wastelands with little inputs, and



Yields of up to 5 t/ha oilseeds possible under optimum conditions



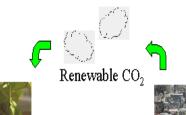
Produces 2 tonnes of biodiesel that could be used in automobiles, her agroindustrialy useful by-products.



- * Research can lead to 30
- Up to 20% addition to di modification is needed
- 2 5 year plant
- About 5 tonnes per hect under optimum condition
- 55-60% oil that can be c by transesterification
- 0.75 to 2 tonnes of biodi per hectare per year fro



No fossil CO2 Released



Oil Crops Use in automobiles



Biodiesel Production



If the potential is fully realised India's current annual diesel requirement (40 million tonnes this year) could be fully met!

Source: George Francis and Klaus Becker, University of Hohenheim, Stuttgart, Germany

