



SNS COLLEGE OF TECHNOLOGY

Re-accredited by NAAC with A+ grade, Accredited by NBA(CSE, IT, ECE, EEE & Mechanical)
Approved by AICTE, New Delhi, Recognized by UGC, Affiliated to Anna University, Chennai

Department of Computer Applications

Grassroot Innovation

COURSE : 23CAT608- ENTREPRENEURSHIP DEVELOPMENT

UNIT II : PROJECT PLANNING

CLASS : I MCA / II SEMESTER

Goals of GREEN Technology



REDUCE

- Fuel
- Waste
- Energy consumption
- Using clean water
- Purchasing



RECYCLE

- Paper
- Plastic
- Batteries
- Clothing

RENEW

- Wind power
- Water power
- Solar
- Bio-fuel
- Waste water

RESPONSIBILITY

**RADICAL
THIKING FOR
FUNDAMENTAL
CHANGE**

Grassroots innovation

Grassroots innovation

- ❑ Voluntary generation and development of innovations by any member of an organization, regardless of function or seniority
- ❑ community-led solutions for sustainability

Grassroots innovator

- ❑ Networks of activists and organizations generating novel bottom–up solutions for sustainable development;
- ❑ solutions that respond to the local situation and the interests and values of the communities involved

A simple but effective solution to any major problem is not considered as an accomplish

Grassroots innovation



Growing ladies' fingers around a cotton crop to prevent pests from attacking the cotton

More than 90% of the products in grassroots innovations use second-hand components.



Pochampally sarees

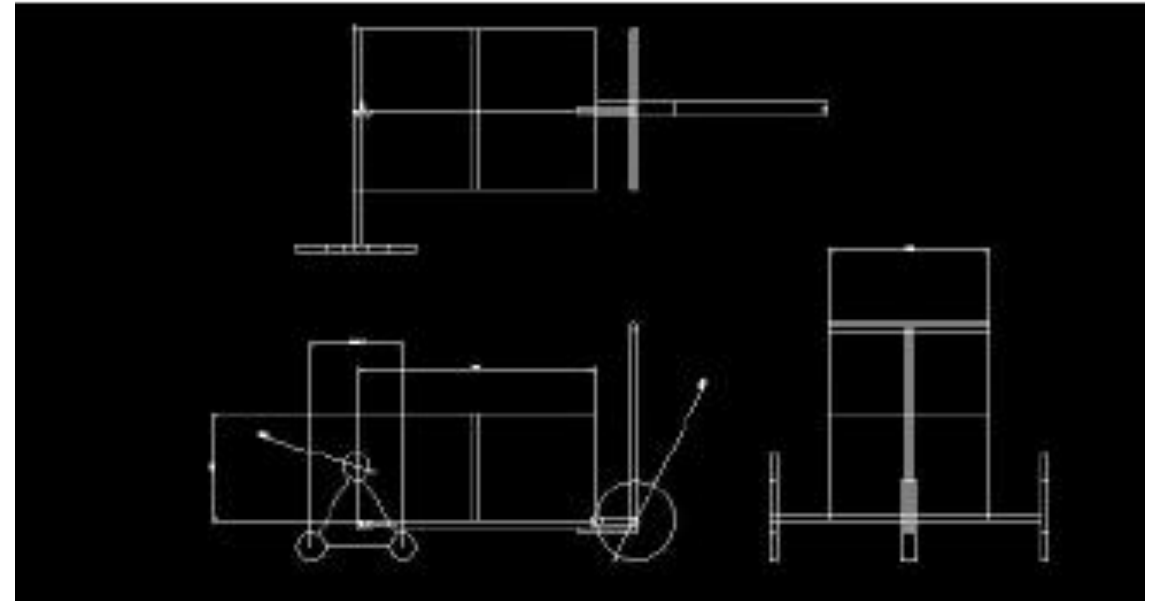
5 Hour work is replaced with 1.5 Hrs

Handloom weaver Chintakindi Mallesham Made the machine

Grassroots innovation



Panihari of Khimjibhai Kanadia

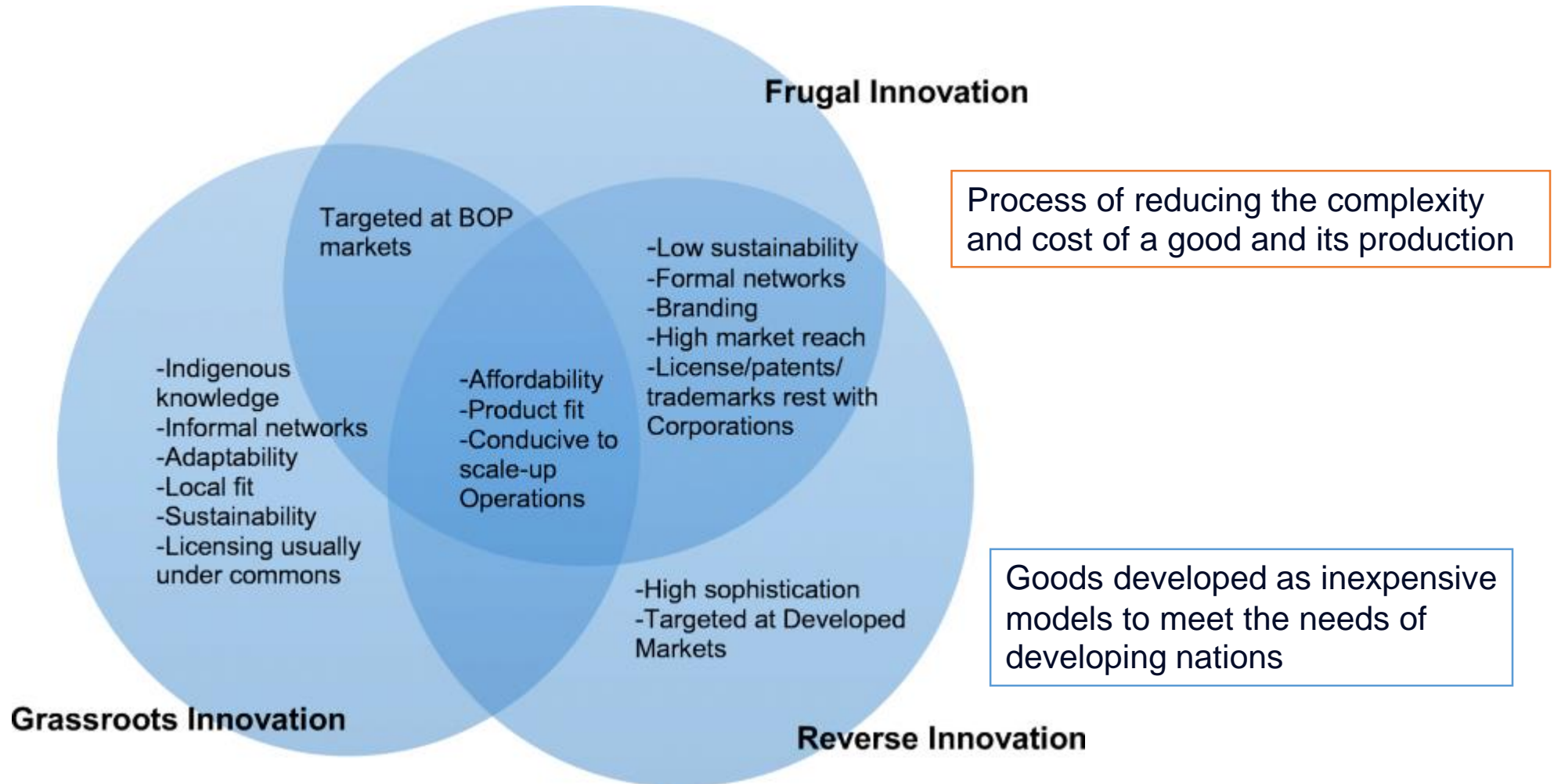


Hill trolley with triangular wheels. By

Understanding Grassroots Innovation

- ❑ The grassroots innovators deal with such inertia during design, failure at various stages, or delivery every day.
- ❑ They succeed in overcoming it by persisting, pushing through different problems, and coming up with a solution
- ❑ Many grassroots innovators share their knowledge without expecting anything in return

Comparison



Grassroots innovation - Acceleration

- ❑ Encourage local governments to become an active stakeholder
- ❑ Foster a grassroots community to share research, know-how and talent
Provide technological mentorship towards advancing a circular economy
- ❑ Correct systemic racism, injustice and oppression
- ❑ Measure the impact made on marginalised youth at an interdisciplinary level
- ❑ Localise the context of solutions to support disadvantaged communities
- ❑ Mobilise academia and youth to keep driving the momentum forward
- ❑ Become a global thought leader in inter-generational innovation