



Association of Lady Entrepreneurs of India

ALEAP GREEN INDUSTRIAL PARKS

**PRESENTATION BY
K.RAMA DEVI
PRESIDENT**

Association of Lady Entrepreneurs of India (ALEAP)

- ✚ ALEAP was the dream of women entrepreneurs, who wanted to train, guide, support and enhance the lives of other women.
- ✚ It was established with the aim of bringing women entrepreneurs together on a common platform, in order to empower and promote women entrepreneurship.
- ✚ ALEAP's aim is to make women economically independent, through motivation, counseling, training and handholding.
- ✚ Over the last two decades, an increasing number of women have entered the field of entrepreneurship and gradually changing the face of the economy of Andhra Pradesh & Telangana.

VISION

- ✚ To Design an Eco-Friendly & Self sustainable Industrial Development.
- ✚ A model Industrial Park that provides conducive environment for women entrepreneurs, that employs State-of-the technologies including:
 - ✓ Clean technologies,
 - ✓ Renewable energy technologies,
 - ✓ Environmental technologies,
 - ✓ Cost-effective Common infrastructure,
 - ✓ Efficient Management Systems

INDUSTRIAL PARKS

INDUSTRIAL PARKS

- ✚ An industrial park (also known as industrial estate, trading estate) is an area zoned and planned for the purpose of industrial development. An Industrial Park is defined as “a large tract of land, sub-divided and developed for the use of several firms simultaneously, distinguished by its shareable infrastructure and close proximity of firms”.

GREEN INDUSTRIAL PARKS

- ✚ “An industrial park in which businesses cooperate with each other and with the local community in an attempt to reduce waste and pollution, efficiently share resources (such as information, materials, water, energy, infrastructure, and natural resources), and help achieve sustainable development, with the intention of increasing economic gains and improving environmental quality.

GUIDING PRINCIPLES

1. Context sensitive planning and design
2. Clustering and networking
3. Minimized ecological footprint
4. Land regeneration
5. Design for flexibility
6. Waste minimization
7. Increased energy efficiency
8. Water resource management
9. Efficient circulation and movement systems
10. Effective resource mobilization
11. Collaborative management systems
12. Economic viability and market acceptance
13. Integration of technology
14. Capacity building, education and enforcement.

MASTER PLANNING PROCESS

The main steps in the master planning process of a Green Industrial Parks are:

1. Eco Industrial Parks theme conception
2. Site selection/local analysis
3. Site sustainability assessment
4. Conceptual development program
5. Site master plan and guiding principles
6. Built environment design
7. Construction management
8. Organization and management

EXPECTED RESULTS

A well planned and designed Industrial Park is expected to result in:

- ✚ A **Site Master Plan** that integrates sustainability aspects (e.g., social, economic and environmental considerations).
- ✚ **Innovative and viable technical solutions** in areas of waste water, storm water, wastes, ecological landscapes, energy efficiency/renewable energy, green buildings etc. for upcoming industrial parks.
- ✚ Address issues of **environment protection**, climate change, resource efficiency and renewable energy & energy efficiency.
- ✚ Integrate **cost effective** common infrastructure and services in the Industrial Park.
- ✚ Use **management structures** for collective resource and service management within the industrial park.

BENEFITS OF GREEN INDUSTRIAL PARKS

- **Cost Savings, Shared Services**
- **Cleaner, Healthier environment, an attraction for recruitment**
- **Reduces conflict between industry and environment**
- **Increased use of renewably energy**

Waste Management:

- **Economic dimension:- Cost Reduction in waste disposal**
- **Waste can be converted in to wealth**

Environmental dimension:

- **Recycled water can be utilized for various purposes**
- **Reduction in quantity of water disposal**

Social Dimension:

- **Life style of the villagers will improve by providing jobs. The park and the society will prosper bilaterally**

Keeping view of the today's environmental issues, we have created this Green Industrial Parks not only to tackle environment issues but also to build a product brand that leverages international market for women entrepreneurs.

ALEAP INDUSTRIAL PARKS

- ✦ ALEAP has developed the first Women Entrepreneur's Industrial Estate in India at Gajularamaram, near Hyderabad in Ranga Reddy District of Telangana.
- ✦ ALEAP has developed another multi product Industrial cluster for women entrepreneurs with a thrust in Food Processing at Nunna near Vijayawada in Andhra Pradesh.
- ✦ ALEAP Industrial Estate at Bodduvanipalem, Nellore.
- ✦ ALEAP Industrial Estate at Balabadrapuram Village, Rajahmundry.



Industrial Estate, Hyderabad

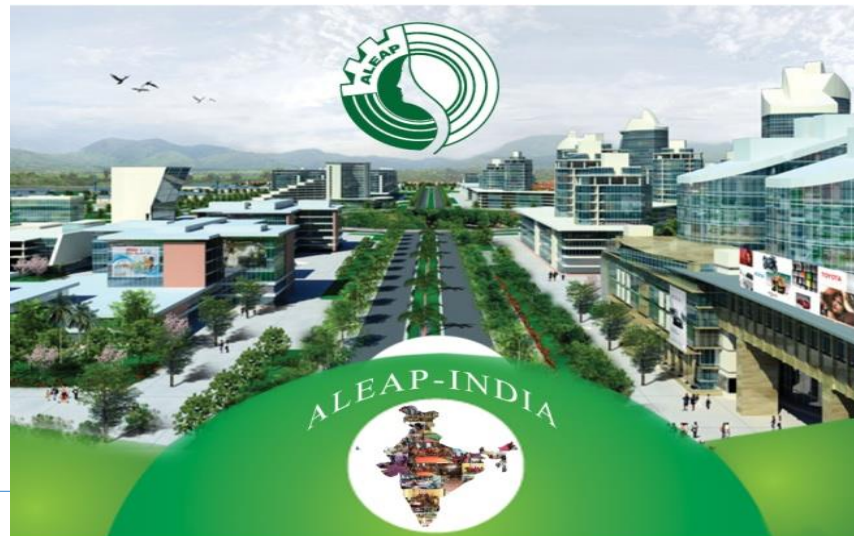


Industrial Estate at nunna, Vijayawada

ALEAP GREEN INDUSTRIAL PARKS

A-GRIP- A Green approach towards infrastructure

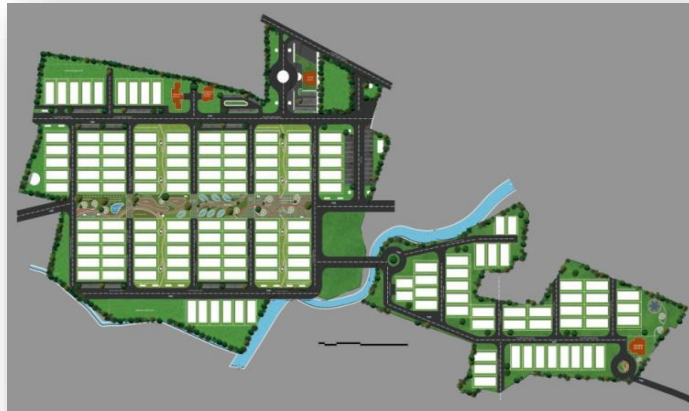
- ✚ ALEAP has gone into development of a new industrial park i.e., Green Industrial Park with the support of GIZ.
- ✚ A-GRIP at Nandigama is envisioned to provide an environment conducive for women entrepreneurs and employ state-of-the-art technologies, including clean technologies, renewable energy technologies, environmental technologies and cost-effective common infrastructure.



Association of Lady Entrepreneurs of India

SITE MASTER PLANNING

Site master planning was made in collaboration with GIZ.



FEATURES OF ALEAP GREEN INDUSTRIAL PARKS FOR WOMEN

- ✚ **Environment Friendly** site master plan; Efficient circulation system
- ✚ **Green Rating** for the Green Industrial Park.
- ✚ **Green Buildings** for factory sheds; efficient industrial plot layout and building layout; environment friendly bldg. Materials; Standard fencing design; Signage;
- ✚ **Green Energy** master planning; PV roof tops; Solar street lamps; Solar power plant
- ✚ **Pollution under control:** Waste water treatment, recycle/reuse; Waste treatment, reuse; Rainwater harvesting
- ✚ **Green Spines;** Ecological landscaping; Organic farms

✚ Entrepreneurships in the Green Spine

- ✓ Cafeteria
- ✓ Telephone Booth
- ✓ Horticulture/Floriculture
- ✓ Space for outdoor events
- ✓ Business Centers
- ✓ Warehousing
- ✓ Manning access control entry/exit
- ✓ Canteens
- ✓ Water dispensers, Guest house

✚ **Women friendly:**

Unique services for women employees:

- ✓ Crèche for children of the employees
- ✓ Guest house accommodation
- ✓ Provisions for strengthening of safety and security
- ✓ Provisions for internal and external transportation
- ✓ Provisions for health centre, canteens/ food outlets, kiosks, toilets, battery operated shuttle service
- ✓ External connection to public transport, water dispensers, guest house, ladies room

✚ **Periodical meetings of Employee & Employer** which creates healthy environment in the work place.

✚ Safety & Security measures

- ✓ Fire station
- ✓ Provisions for CCTV cameras
- ✓ Fencing along the boundary
- ✓ Security office and security cabins
- ✓ Emergency blue phones along roads
- ✓ Well- lit public spaces, roads, emergency access / exits and rear / side boundaries of the industrial plots
- ✓ CCTV stands for Closed-circuit television

✚ **Micro entrepreneurships in the Green Spine** are: Cafeteria, STD Telephone Booth, Horticulture/Floriculture, Space for outdoor events etc.

✚ **Implementation of Govt. policies of PF, ESI** etc through which minimum salaries are assured to the employees.

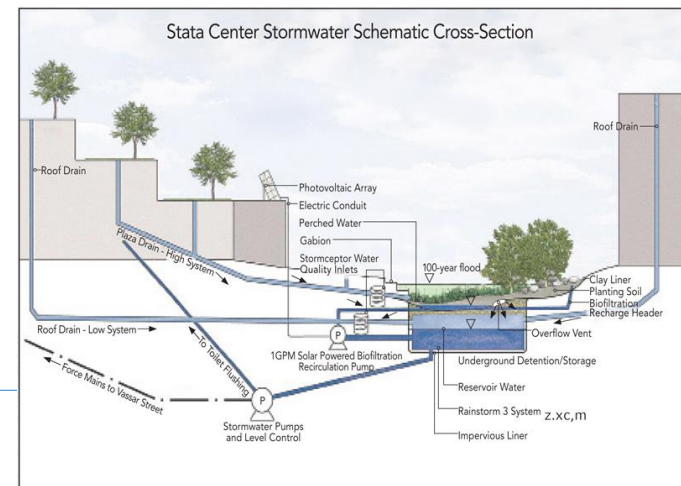
✚ **Regular Health Camps** are organized for the health of the employees.

Rs. 45,00,000/- worth of medicines & health check ups are taken up free of cost to the employees working in the industrial estates.



✚ Environmental Infrastructure Provided

- ✓ Storm Water Management
- ✓ Wastewater Management
- ✓ Solid Waste Management
- ✓ Green / open spaces / Landscapes
- ✓ Resource Efficiency
- ✓ Environmental Monitoring



Waste Recycling

- ✓ Waste is a by-product of growth and cannot be lost as sheer waste
- ✓ Conversion of waste to utilizable raw material for sustainable product through recycling
- ✓ ALEAP has trained more than 100 prospective entrepreneurs on waste management

✚ Cost Effective Common Services:

- ✓ Common Effluent Treatment Plant
- ✓ Solid Waste and e-waste recycling centre
- ✓ Composting of bio-degradable waste integrated with greens
- ✓ Sewage Treatment Plant
- ✓ Vermicompost Plant (for organic waste),
- ✓ Handmade Paper Unit (for paper waste),
- ✓ Incubator facilities etc.



✚ Transportation / mobility arrangements

- ✓ Parking facilities for vehicles
- ✓ Eco-friendly internal public transport
- ✓ External transport to bus terminus, railway station, etc.
- ✓ Bicycle tracks and parking areas
- ✓ Pedestrian pathways along roads, green pathways through plotted area



Learning processes - exposure visits



✚ International Conference on Green Enterprises and Green Industrial Parks organised by ALEAP at Hyderabad



Facility complex

A facility complex with facilities like

- ✓ Information Centre
- ✓ Marketing
- ✓ Exhibitions
- ✓ Research and Development
- ✓ Auditorium
- ✓ Training centre



Incubation Facility:

ALEAP has developed Incubation centres for various eco friendly products like:

- ✚ Jute
- ✚ Textiles
- ✚ Paper Products
- ✚ Vermi Compost
- ✚ Food Processing
- ✚ Electronics
- ✚ Bio Technology
- ✚ Packaging & printing
- ✚ Pharmaceuticals
- ✚ Plastics
- ✚ Sanitary Napkins

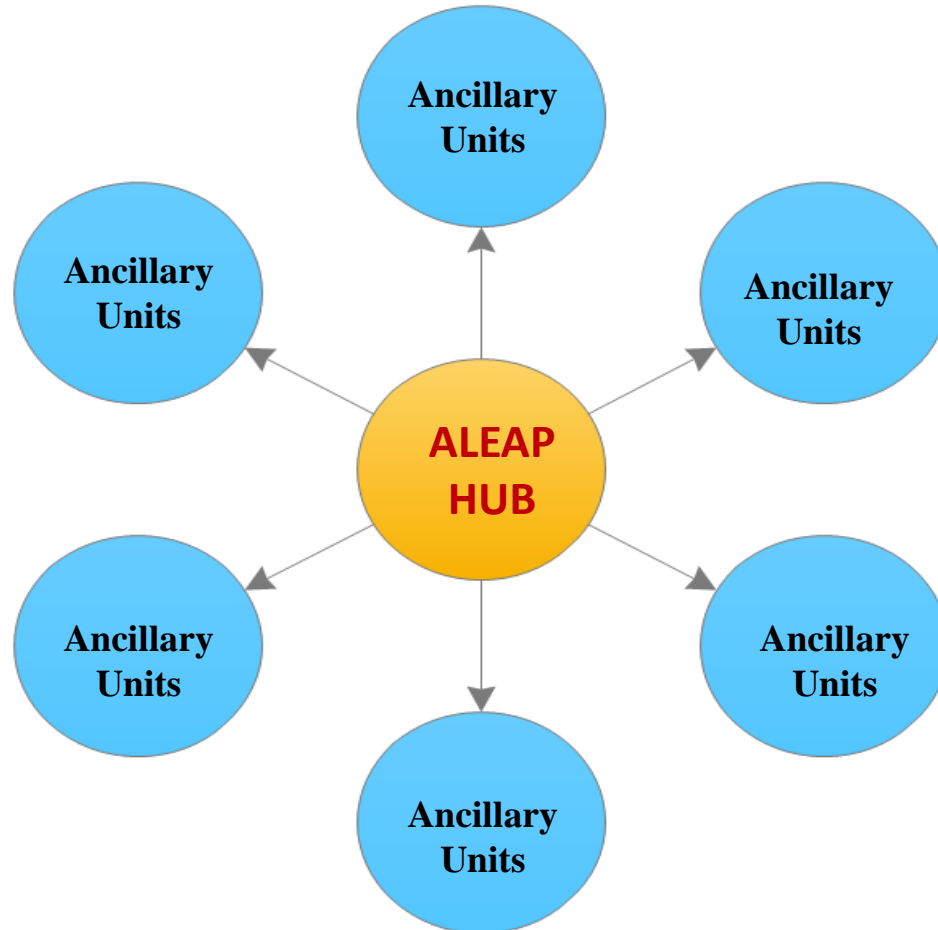


ALEAP Interventions for enhancing employment through entrepreneurship - Hub & Spoke Model

- ✚ An MOU has been entered with M/s. **Aditya Birla Fashion and Retail Limited** to create quality standards in the Garments making and set benchmarks for others to emulate. ALEAP intends to develop one HUB unit & 20 Spoke units.
- ✚ ALEAP being '**HUB**' also called as 'mother unit', in which the sophisticated machinery is installed, will undertake cutting in bulk, small part making and finishing of fashion garments using the said machinery.
- ✚ The '**Spoke Units**' also called as 'Ancillary units' consisting of skilled women drawn from SHGs and trained by ALEAP as per the required quality standards, will attend to works such as attaching the cut pieces.

- ✚ Training Programme in Industrial garmenting skills equips the learners with the ability to acquire the requisite knowledge and skills to manufacture the garments at corporate standards.
- ✚ Creation of employment to around 1000 SHG members
- ✚ Skilled trainees will be employed in the Hub for 200 women & Spoke units for 800 members (40 members in each spoke unit).

HUB - SPOKE MODEL



ADVANTAGES OF HUB-SPOKE MODEL

- + Creation of environment for Innovation and Entrepreneurship Development.
- + Provides for free or low-cost workspace.
- + Skill Development for Workers by providing necessary training programs.
- + Highly Automated Machines in the Incubator will improve Quality, Productivity and Efficiency.
- + Less scope for technical errors and wastage.
- + Providing the state-of-the-art technology and infrastructure that supports Sustainable Development.
- + Supports MSME Garment industries to overcome issues.

CONCEPT, POLICY ADVISE

- ✚ National policy for greening of foundries
- ✚ National policy for greening of industrial parks
- ✚ State Policies for Greening of Industries and Industrial Parks – Gujarat, Andhra Pradesh, Telangana

POWER TO WOMEN

Exclusive industrial zones to be set up for women

DC CORRESPONDENT
HYDERABAD, MARCH 31

This move is bound to win brownie points for Chief Minister N. Kiran Kumar Reddy. The state government is gearing up to set

Companies owned entirely by women will be eligible for subsidy under

sive parks for women for better comfort level to the entrepreneurs and work force," a senior industries official said.

According to the industrial policy 'women entrepreneurs' are those who



FOSTERING COMMUNITY OF LEARNERS

- ✚ As a model park ALEAPs Green Industrial Park can be showcased and can be replicated by other Asian Countries.
- ✚ The green-industrial park involves a network of firms and organizations, working together to improve the environmental and economic performance to improve the “Industrial Ecosystem”.
- ✚ With 2 ½ decades of hard work and commitment ALEAP was able to overcome social barriers and bring women into a male dominated sphere of economic activity with various interventions above mentioned.

Success cannot be achieved through individual efforts, it is achieved only with the collaboration of:

OUR SUPPORT ORGANIZATIONS

The collage features the following logos and text:

- Government of India:** Lion Capital of Ashoka, सत्यमेव जयते, Government of India
- MSME:** सूक्ष्म लघु एवं मध्यम उद्यम, MICRO, SMALL & MEDIUM ENTERPRISES
- Government of Telangana:** Government of Telangana, सत्यमेव जयते
- Government of Andhra Pradesh:** Government of Andhra Pradesh, सत्यमेव जयते
- SAWDF:** SAWDF
- The World Bank:** THE WORLD BANK
- NSIC:** एन एस आई सी, NSIC, ISO 9001 : 2008
- UNDP:** UNDP, Empowered lives, Resilient nations
- ILO:** ILO, International Labour Organization
- German cooperation:** german cooperation, DEUTSCHE ZUSAMMENARBEIT
- giz:** giz, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- ni-msme:** ni-msme
- SIDBI:** SIDBI, भारतीय लघु उद्योग विकास बैंक, SMALL INDUSTRIES DEVELOPMENT BANK OF INDIA
- TATA STRIVE:** TATA STRIVE, Right Skills, Bright Future

ALEAP For women -

Who dare to dream

care to conceive and

have mettle to materialize

THANK YOU !

