

Research Paper

Recent Trends in Agro-Base Industry for Community Development

OPPORTUNITIES IN AGRO-BASE INDUSTRIES FOR COMMUNITY DEVELOPMENT AND THE ROLE OF EDUCATIONAL INSTITUTES OF HIGHER EDUCATION (Arts/Commerce'/Science Colleges).

Dr. Shantaram Badgujar,

Registrar,

SNDT Women's University, Churchgate, Mumbai - 20.

*Abstract :**Meaning Community Development*

India is a country of villages, for reasons of equity & expediency rural/community development occupies the top most priority in National planning. The population living in rural areas most of them below poverty line, the agricultural sector accounting for. 50% of our GNP providing livelihood for most of the population can't be an efficient sector. With vast disparities between the educated unemployed & available jobs, the dream of national integration and Super Power of the country is an- impossible task.

The percolation theory which felt that development could takes place at the top & its benefits would percolate in the bottom is now outdated. Now the rural people must understand what is good for them & how to achieve it. For this purpose the Educational institutes must to play role of motivator with, well directed efforts to make the education to be at the heart of the developmental process, it would be the pivotal developmental instrument. The syllabus of the courses must be Change & design syllabus as per the regional need of the agro-base potential.

Another dimension of education is the education of the state agents (Teachers/Students/Govt. Officers) engaged in development. Much of their education gained by them on job & the rest through their training/Orientation courses. The orientation is essential for officers of all level whether at the field level or policy making level. Its absence is today's one of the major bottlenecks of community development.

PART A

1. Available Agro-base in North Maharashtra

i) Food Crops

- Jowar, Bajra, wheat. Chilly, sugarcane
- Nagali , Ragi. Varai, Maize and other hill-millet
- Cereals; Black gram, Green gram. Kidney bean. Pigeon pea, Horse gram,
- *Chavli, Mug, Tt.tr* among pulses;
- Groundnut and sesamtnn (*Til*) among oilseeds
- Avaia, Custard apple. Grapes, Papaya. Pomegranate, Mango, Banana, Brinjal Lady's finger among fruits and vegetables.
- Coriander, Chilly and Garlic among condiments and spices.

ii) Non-Food crops Cotton.

- Tobacco and betel leaf among drugs and narcotics;
- Medicinal Plants
- All food crops waste
- Banana waste (Leaves, Stem)
- Cotton waste
- iv) Forest Products.
- Major forest products comprise mainly wood (i.e.timber and fuel),
- green bamboos, dry bamboos, *purana bamboos*, Sac, gum
- *Tarwad* bark,
- *Temburni (Tendu), apta, palas* leaves
- *Rosha* grass, Ambadi, Besharam, Casia Tora (*Tarota*)
- *Ghat-bori, knjan* and, *Charoli*, etc.
- *Khair* for manufacture of *kath*
- *Mohwa* flowers and fruits
- Tamrind

2. Present Status of Agro-base Industries in the Region

- Confectionery Works.
- Silk
- Saw Mills.
- Rice and Dal Mills.
- Bidi-making.
- Sewing Thread and Reeling.
- Sugar industries
- Cotton ginning and pressing,

- Spinning and weaving mill
- Textile mill
- Agro Coal
- Distilleries
- Animal Fodder
- Banana powder
- Vegetable oil

3. Potential Agro-base opportunities in the Region

I) Food Product

- Packed Flour of Jowar/Bajara/Nagali
- Packed Dehydrated Maize grains
- Dehydrated Cereals & pulses
- Dehydration of Vegetables i.e. Ladies finger
- Ambadi Sharabat, Ambadi squash.
- Tarota Coffee
- Nagali Satv, Nagali Bakery Products (For Diabetic Patient)
- Pomegranet squash,
- Chilly, Garlic Paste, Powder
- Man go, C h i l ly. *A vala Achar*,
- *Amchur Powder* from Mango.
- Winery Industry (Banana, Grapes)
- Banana Chips man u fa.
- Dehydration of fruits & vegetables.
- Cleaning , Cutting , Packing of vegetables.

II) Non Food Products.

- Surgical Cotton
- Herbal pesticide from herbes like Besharam(Ipoemea Pistula), Rui (Calatropis)
- Plates & cups from Banana leaves
- Handmade paper from banana stem.
- Rosha oil from Rosha grass'
- Oil from Rice husk
- Agro coal from light Agro-waste
- *Katha* from *khair*

- Vermi Compost from vegetable waste, Nim, *Besharam*,
- *Bio-compost from Banana stem.*
- Animal Fodder

4. Opportunities for **Jobs/Employment /Self Employment in Agro Industry**

i) Production & Processing Operation

> Specialization in one of the following pathways

- Butchery Retail skill
- Craft Bakery Skill
- Livestock Droving Skill
- Meat & Poultry Processing Skills
- Process Bakery Skill
- Production Control Skills
- Retail & Service support Skill

> Typical Job Roles

Baker, Bottler, Brewery worker, Butcher, Meat processing worker, Packaging operative, Production planner.

ii) Production and Processing Management

> Specialization in one of the following pathways

- Specialist in Craft Bakery Skill
- Specialist in Management Skill
- Specialist in Meat & Poultry Processing Skills

> Typical Job Roles

Brewery worker, Butcher, Cake Decorator, Cheese Maker, Confectioner, Craft Baker, Dairy Technician, Food Team Leader, Meat processing worker, Production Manager.

iii) Craft /Technical

> Specialization in one of the following pathways

- Facility Support Skills
- Production Control Skill
- Meat & Poultry Processing Skills
- Livestock Droving Skills

> Typical Job Roles

Brewery worker, Health & safety Adviser, Meat processing orker, Packaging Operative,

Production Planner.

iv) Technical

> Specialization in one of the following pathways

- Specialist Technical Skills
- Specialist Improvement Skill
- Specialist Meat & Poultry Skills
- Specialist Management Skills

> Typical Job Roles

Consumer Scientist, Food Technologist/Scientist. Health & Safety Officer, Manufacturing System Engineer, Meat Inspector, New Product Designer, Packaging Technologist, Quality Assurance Technicians. Quality Control Inspector, Technical Brewer, Wine Producer.

v) Management Of the Business

> Specialization in one of the following pathways

- Specialist Management Skills

> Typical Job Roles

Human Resources Manager, Marketing Executive, Marketing Manager, Sales Manager, Training Manager.

vi) Supply Chain and Warehouse

> Specialization in one of the following pathways

- Distribution Skills
- Specialist in supply chain Skill

> Typical Job Roles

Warehouse worker, Food Distribution Manager.

PART B Present Status of the Syllabus

Present Status of Syllabus

- Theory based
- Partially employable or job oriented.
- Unable to develop skills of the students.
- Need /Problems/Aspirations of the local community is not reflecting.
- No Regional Relevance
- Students get vast knowledge but unable to convert it to experimental /Applied

Impact

- Employment opportunities in government sector is reducing day by day.
- Lack of practical/ field work knowledge/Skill for industrial needs.
- Community development is not took place as per the expectations.
- In piivaie sector employment/self employment opportunities are there but our graduates are not equipped for the required

PART C Need of the hour

- Change & design syllabus as per the regional need of the agro-base potential.
- Applied nature in syllabus as well as in Teaching methods.
- Vocational touch to the syllabus as per the regional need.
- Compulsory on job training to Teachers & students
- Make Entrepreneurship education compulsory at college level.
- Study tour / Industrial visits
- Commitment of Teachers



Appendices Bibliography

1. Ariculture & Rural Development by Astha Ahuja.
2. Rural Development by B.K. Prasad
3. Youth, Education & Unemployment by Rramodkumar Bajpai
4. Youth Entrepreneurship through Continuing Education by Dr. K. Parathasarathi & Dr.V, Anandmoorthy.
5. Handbook for New Entrepreneurs by P.C. Jain Development Economics by N.T. Somashekhar
6. Inequity, Welfare & Income Distribution by Frank Cowell.