



NARI and its Mission

Nimbkar Agricultural Research Institute (NARI) is a non-government, non-profit research and development institute. Its mission is to promote sustainable rural development through the application of science and technology.

The institute is dedicated to creating new and innovative technologies to significantly improve lives of the rural population. This is done by undertaking research mainly in the areas of agriculture, renewable energy, animal husbandry and sustainable development.

NARI Philosophy

- We believe that the key to rural development is the use of modern technology for it. Sophisticated modern technology is needed to efficiently convert the locally available resources and materials into useful products. In fact, much more sophisticated thought and high technology is required for solving rural problems than the urban ones since the materials and energy resources available in these areas are fewer and often only available in “dilute forms”. It is also our belief that technology helps in holistic living and both these things go hand in hand. This aspect will be discussed and stressed quite a lot during the course.
- We also believe that corporate sector can play an important and active role in rural development. Thus there should be a partnership between corporate sector, NGOs and government in this area. For this to happen there is a need to sensitize the corporate, governmental, scientific, educational, international and civic sectors regarding rural problems and possible solutions. We need to explore together the problems and most importantly the solutions. This theme will be stressed in the workshops, seminars and courses that will be conducted in the centre and will help in exposing the participants to the problems of rural India.
- Finally it is our belief that each one of us should become sustainable in our lifestyle so that we use the resources for our needs not greed. Sustainable lifestyle can be possible if we become spiritual which helps us become more secure. Increased internal security helps in reducing greed. When each one of us become less greedy, the world will become more sustainable.

Sustainable Development - Simple Living, High Thinking

Need for Sustainable Development Centre

- The center will be involved in research and teaching on all the issues of sustainable development for rural areas.
- The centre will act as a residential facility to teach and impart knowledge of both theoretical and practical issues of sustainability. Thus the solutions and experts from all over the world will be used in imparting the knowledge.
- The centre will also be used to propagate NARI’s philosophy and teach the corporate and civil society leaders the importance of sustainable living and make them aware of the everyday problems faced by the rural population.
- Here participants will be made conscious of the lack of basic amenities in rural areas, poor resource usage and non-sustainability in urban areas and be given general understanding that resources of 4 earths will be required for everyone to live the wasteful western life (which everyone aspires to do).
- The centre may be used by outside parties to hold seminars to promote similar ideas and teachings and encourage like-minded people to make a change.
- The centre will also be used to gather and empower women and strengthen them to become more independent.
- Interactive courses revolving around philosophical debates and feedback based on personal experiences of the participants will take place.
- Problems and challenges faced by the rural population regarding water, cooking, lighting, transportation and their possible solutions will be discussed. At the same time creation of energy and jobs via renewables will be stressed.
- The centre will allow for an opportunity of hands-on involvement with innovative technologies developed at NARI and other institutes.
- The connection between technology and sustainability and problems of other developing countries will also be discussed
- Philosophical issues regarding the amount of energy we need to have a decent lifestyle and the whole paradigm of “simple living and high thinking” will be introduced.
- The centre will be self-contained with hostels, offices, a seminar room, a kitchen and a dining room. It will be an efficiently designed, environmentally friendly building comprising of

passive cooling, rainwater harvesting, solar hot water heating, a biogas digester and complete system for water recycling.

Focus Group

CEOs, very senior managers of the corporate world and members of the civil society who are concerned about the issues affecting rural India and want to find real and lasting solutions will be the focus group for the seminars or courses that will be held. We believe that they are the agents of change in rural development. Policy makers, scientists, journalists, bankers and anyone interested in sustainable development will also be participants at the centre.

We need your help!

In order to set up a new building to house this centre, funds of approximately **Rs. 100 lakhs** need to be collected. Bajaj Foundation and HDFC have already given generous donations for the centre. We have presently collected **Rs. 50 lakhs** and need the rest to build it. If you believe in our concept, we will appreciate your donation. Please send your donations to the President, NARI. Any amount is very welcome. The institute has a tax exempt status under Section 35(i)(ii) of the Income Tax Act which results in contributions and donations to the Institute being **100% tax deductible**. NARI is also registered under Foreign Contribution Regulation Act and hence can accept foreign contributions.

In order to make the centre sustainable and economically viable, a suitable fee per participant will be collected for any courses, seminars or workshops that may be held. The fee will include cost of stay, all meals and course/workshop charges. Arrangements for travel to and from Phaltan will have to be made individually, however transportation from Pune can be arranged at a cost.

NARI Achievements:

Agriculture:

- High yielding varieties and hybrids of cotton, sunflower, safflower, and sweet sorghum have been developed.
- Complete technology for producing jaggery and syrup from sweet sorghum has been developed.

Alternative Energy:

- Pioneered the production of ethanol from sweet sorghum.
- Efficient ethanol stove and lantern running on low concentration (50% w/w and above) of ethanol-water mixture have been developed and field tested. The stove has a capacity of 2.5 kW and the lantern produces light output equivalent to a 100 W bulb.
- Pioneered the program of Energy-Self Sufficient Talukas which was the basis of the National policy and program implemented by Ministry of Non-conventional Energy Sources (MNES), Govt. of India, New Delhi.
- Pioneered the development of loose leafy biomass gasifier.
- Developed technology for solar detoxification of distillery waste using a suitable photo catalyst which makes the waste completely odorless and colorless and drastically reduces its chemical oxygen demand.
- Pioneered the development of improved pedal rickshaws with five speed gears, back wheel braking and better suspension.
- Developed motor-assisted pedal rickshaws where a small PMDC motor powered by batteries helps the rickshaw puller to easily pull the load and go over slopes.

Animal Husbandry:

- 40 improved bucks of Sirohi breed from Rajasthan were kept in Phaltan which demonstrated a unique method of cross-breeding local goats as well as improvements in goat husbandry and health care.
- Development of a new strain of Deccani sheep with high productivity called "Nari Suwarna".

NARI Awards

NARI and its staff have won major awards like Padma Shri, University of Florida most distinguished alumnae Award, FICCI Award, Jamnalal Bajaj Award, US based Solar Hall of Fame, Energy Globe Award, Vasanttrao Naik Award, CSIR Rural Technology Award, etc. The details of awards are at [our website](#).



For further inquiries, comments or suggestions please contact:

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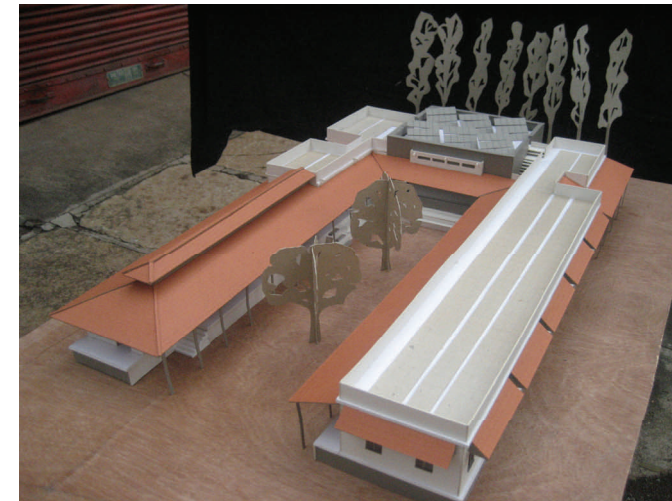
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Research Institute**



Centre

for

**Sustainable
Development**