

## **Preamble**

There are more than 3500 polytechnics and equivalent technical institutions which have potential to provide skill training to millions of youth through their own facilities and or by establishing extension centres in collaboration with ITIs, or Vocational Skill Knowledge providers, NGOs, and other colleges in the Arts Science and Commerce streams. These polytechnics can also render useful services in adoption of appropriate technologies and providing technical and support services to rural people and slum dwellers.

AICTE approved polytechnics are considered to be a viable vehicle for providing the intended services as mentioned above.

The rationale for choosing AICTE approved Polytechnics for the implementation of Scheme of Community Development through Polytechnics is based on the fact that AICTE approved Polytechnics are equipped with the following type of resources:

- Polytechnics are equipped with physical facilities in the form of buildings, lecture halls, laboratories, workshops, hostels etc. which could be used as Knowledge and Skill Centres for rural community and slums dwellers;
- Polytechnics have qualified and trained faculty who can scientifically formulate, implement and monitor community oriented programs and projects especially where the activity of adoption of appropriate technology is involved;
- Polytechnics have technicians and craftsmen whose services can be utilized to some extent for imparting skill training and adoption of appropriate technologies.

Students of Polytechnics could be of tremendous help in making meaningful contribution to community and rural development. Polytechnics can, therefore, render vital assistance in the community development work. This, they can do partly by utilizing their own resources and partly by mobilizing the resources available at the higher technological institutions. The involvement of Polytechnics in implementing the Scheme of Community Development through Polytechnics is need of the hour.

## **Scheme Details: Skill Development Training Programmes through Community Polytechnics**

In order that the human resource is developed for gainful employment/self employment, the training must be need based, and should provide employable/ self-employable skills. The purpose of the skill development is to create skilled and knowledge based manpower by empowering them technically so that they can earn their sustainable livelihood.

All training programs should be well-designed through graded exercises, keeping in view the market requirements for various trades. Short term non-formal, modular courses of 3-6 months duration, depending on the local needs and commensurate with the available local resources with proper structures, yet having the desired flexibility to pave the way for self paced open learning mode (OLM), should be offered.

Depending upon local circumstances in some cases Multi-skill training may be offered to make self employment viable in the rural economy. In some of the trades, advance skill course for 3 to 6 months duration may be designed and offered as per the interest of trainees

or as per the demands of local companies/industries/market. Preferences may be given to the training courses with technical bias.

### **Objectives of Skill Development Training Programmes:**

- Providing basic skills, knowledge and attitudes for self/wage employment to intended beneficiaries in their own villages/communities or nearby areas.
- Imparting entrepreneurial skills for initiating micro/tiny enterprises especially for the rural youth and community.
- Offering skill up-gradation programs in their own fields, or for adoption of appropriate technologies for enhancing their employment prospects e.g. masons may be trained for construction of bio-gas plants, low cost latrines, water storage tanks, ferro-cement articles; blacksmith may be trained in welding, fabrication, etc.
- Identifying and conducting special skill training programs for Women, SCs/STs, OBCs, minorities, school dropouts, street children, physically handicapped, economically weaker sections of the society and other under-privileged persons
- Special training programs on health and hygiene, sanitation and mechanization of sanitary services and skill programs pertaining to liberation and rehabilitation of scavengers may be organized.

### **Features under Skill Development and Training:**

The skill development programmes chosen for training shall be based on need assessment survey and felt need of the locality. A lot more emphasis needs to be given to meet the growing demands of the service sector.

Each identified Polytechnic should conduct a survey for identification of priority needs for skill training programs of a cluster of 10 to 20 villages every year. DRDA, NGOs, Voluntary Agencies, Village Panchayats and retired teachers, engineers and other reputed persons should be involved in the process.

The skill programs offered should be flexible and non-formal with open access to all, without any precondition of age, sex and educational qualification.

The identified Polytechnics should target the poor and deprived sections of society in both urban and rural areas specifically Women, SCs/STs, OBCs, minorities, school dropouts, street children, physically handicapped, economically weaker sections of the society and other under-privileged persons.

To facilitate self-employment in service sector, emphasis should be on multi- skill training, while for employment in production centres, training may be given either on specialized designated skills or multi-trade skills depending on needs and requirements.

Possibility of sharing of financial/infrastructural/skill resources available with different institutions/ organizations/agencies may be explored.

Infrastructure facilities available in the polytechnics should be utilized in conducting various training programmes.

The infrastructure available in ITIs/Vocational Schools/Colleges/ Technical Institutions wherever available may be utilised for the skill development training programs.

Achievements of the trainees in terms of competencies developed may be done by way of issuing certificates, indicating the level of proficiency the beneficiary has attained through participation in the skill programs. Such certificate issued by the Polytechnics will help the employing agencies in making recruitment.

The identified polytechnics may collaborate with potential employers in their vicinity to awarding certificates to the participants of skill programmes jointly.

The identified Polytechnics should develop a proper feedback mechanism to know the post-training status of the trainees specifically with regard to their getting self/wage employment.

The major criteria for judging the effectiveness of the training imparted are the rate of employability and the skills attained by the trainees. The polytechnics should start only the need-based skill training programs.

**NVEQF and Community polytechnics:**

Possible recognition of training acquired in a community polytechnic for lateral and vertical mobility to higher education through NVEQF

**The Concept of Community Colleges:**

NVEQF Level	Community College Level	Vocational Skill Building in hrs	General Education in hrs	Total in hrs	Who is eligible	What will be given (Certification) and who will provide
I	I	200	Communication Skills 250	1000	Any	Polytechnics will conduct Board will certify level I
II		300	Basic Sciences 250			
III	II	400	Communication Skills 100	1000	Above and any provided the skills at I are certified	Polytechnics will conduct Board will certify level II
IV		400	Basic Sciences 100			
V	III	600	Computing	1000	Above	Polytechnics

			skills 200 Any Foreign language or any other Indian language other than native: 200		and any provided the skills at I, II are certified	will conduct Board will certify level III
VI	IV	700	Basic accounting and Book Keeping skills 150 Entrepreneurial Skills, Setup small business etc. 150	1000	Above and any provided the skills at I, II, III are certified	Polytechnics will conduct Board will certify level IV
VII	V	800	Presentation, grooming and finishing skills 200	1000	Above and any provided the skills at I, II, III, IV are certified	Polytechnics will conduct Board will award Community Skill Diploma