

Report of the UGC Committee on

Inter University Center on Rural Development

2007

Report of the UGC Expert Committee

Yoginder.K. Alagh: Chairman

Abhijit Sen

Briz Kishore

T. Karunakaran

V.S. Sampath

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Chapter 1

INTER UNIVERSITY CENTRE ON RURAL DEVELOPMENT

1.1 Introduction

The University Grants Commission considered the issue for establishment of an Inter University Centre for Rural Higher Education to integrate network and coordinate all the programmes in the existing and **old** rural colleges for improving their effectiveness and optimization of resource utilization & to develop programmes and extend these programmes to other rural colleges in different parts of the country.

Hon'ble Chairman, UGC constituted an Expert Committee to examine the proposal for setting up of an Inter University Centre (Rural Higher Education) at National Council of Rural Institutes (NCRI), Hyderabad.

The following are the Members of the Committee.

- | | | |
|----|---|-------------|
| 1. | Prof. Y.K. Alagh
45, Surdhara, Near Doordarshan, Thaltej
Ahmedabad – 380 054 | Convenor |
| 2. | Prof. Abhijit Sen
Member, Planning Commission
New Delhi | Member |
| 3. | Shri. V.S. Sampath
Director General
National Institute of Rural Development
Rajendranagar, Hyderabad – 500 030 | Member |
| 4. | Dr. T. Karunakaran
Vice-Chancellor
Gandhigram Rural University
Gandhigram – 624 302, Dindigul District | Member |
| 5. | Prof. Briz Kishore
Member UGC & Chairman
National Council of Rural Institutes
Hyderabad – 500 004. | Member |
| 6. | Prof. Rajesh Anand
Joint Secretary, UGC
New Delhi. | Coordinator |

1.2 Meetings

The Committee had three sittings on 14.1.2006, 15.5.2006 and 10.1.2007. The letter referred to in 1.1 and the minutes of the meeting are placed the Annexure A+

As resolved in the final meeting the present report has been compiled by the Chairman of the committee with the help of Dr. T. Karunakaran.

Chapter 2

NEED FOR AN INTERUNIVERSITY CENTER

2.1 Dualism in India's Economy

The position of India's economy is aptly described by the preamble of Planning Commission's Approach to Eleventh Plan:

“The Indian economy on the eve of the XI Plan is in a much stronger position than it was a few years ago. While this performance reflects the strength of the economy in many ways, it is also true that large parts of our population are still to experience a decisive improvement in their standard of living. The Percentage of the population below the poverty line is declining, but only at the modest pace. Far too many people still lack access to basic services such as health, education, clean drinking water and sanitation facilities without which they cannot be empowered to claim their share in the benefits of growth”.

Official literature now accepts that the agricultural and rural sectors have been neglected and need priority in policy. There has been:

- Agricultural growth has declined and regional differences in performance are higher
- Decline in public investment on irrigation since the early 1980s.
- Agricultural profitability has fallen by 14.2 per cent through the decade of economic reforms.
- Earlier agricultural fixed capital formation in the private sector was rising, although it had collapsed in the public sector. But in the last few years, private sector investment in agriculture had collapsed, although there is some revival in public investment.
- Low public investment on agricultural education and research (0.4 per cent of agricultural GDP).
- Decline in the annual growth rate of fertilizer use from 7.8 per cent during the 1980s to 4.3 per cent during the 1990s due to increasing fertilizer prices.
- Intensive cultivation and rice-wheat rotation year after year resulting in depletion of soil nutrients in the North-Western region and a slow down of agricultural growth.
- Decline in growth of irrigation and arable area
- The first half of the Nineties was a period of explosive growth of agricultural trade. Import growth exceeded export growth. In the second half, substantial import growth continued. Exports collapsed.
- Rural urban inequalities have increased.

However the last few years have shown some improvement which should be capitalized upon. As India powers itself into the Twenty First century with an eight percent growth and a booming industry and export sector, agriculture continues as a soft underbelly. Its growth has collapsed, employment particularly of women in subsidiary work has gone down and the urban rural divide is wider. We must now walk the talk in agriculture. The National Commission on Farmers has been successful in creating the consciousness that technology support will be necessary and that if the economic climate and the technological choices are not available in an integrated manner, both will hang separately.

Small farmers should not be subjected to experiments in the area of crop diversification without first linking them to the market for the new commodities, says The National Commission for Farmers and while import of wheat, pulses, sugar, and oilseeds may have been necessary during 2006 to prevent an undue rise in prices, we should avoid the danger of making this a habit. The first important requisite is opportunity for assured and remunerative marketing for farm products like pulses, oilseeds, millets, vegetables, fruits, milk and meat. The need is to move Indian agriculture from low value agriculture to high value agriculture and from low yielding activities to a dynamic competitive sector capitalizing on its inherent advantages. The National Commission agrees with us that to make agriculture competitive, the farmer has to be supported in terms of cost of production of efficient farming. Those costs monetize existing practices, meet the immediate cost of technology adoption and learning and would sometimes embody in new inputs. Many of these would be of immediate kind and after initial thrust and support; the farmer would compete on his own. Agriculture profitability has fallen by 14.2% during 1990-91 and 2000- 2001. There has been a deceleration in input use mainly because of inadequate expansion of public infrastructure and less favourable input prices during the 1990s. The deceleration in the growth of input use after 1996-97 according to the Commission means that policy can remedy matters almost immediately. It wouldn't do to procrastinate. We must not escape into unrealistic utopias like interlinking of rivers and corporate rather than contract farming for replacing peasant farming

The policy maker has to implement a road map for major crops in each of India's agro climatic regions. It must work in a liberalized regime through market friendly measures like tariff policies, monetary and tax policies rather than through large statist interventions which almost always worsen matters. Markets must also be created and encouraged in areas where they are not available or weak. India's land and water has to be developed and used with loving care and not vandalized. The Road Map has been worked out by experts for selected crops.

There are some important agreements in the evolution of the Eleventh Plan:

Self Evident Propositions

- 1. Agricultural growth of a sustained and widespread kind is a precondition of rural development: possible only if the reform process, makes crop production profitable:
- 2. Non-crop based agriculture is important and beyond animal husbandry, trees could trigger the next round of high growth;
- 3. Land and water development policies are a precondition of broad based agricultural growth: stakeholder community based organizations have to be structured for this purpose and financial rules developed to support them:
- 4. Non agriculture growth is also a way of life for many in rural areas and that could be a way out in a globalizing economy. Policies which support those who make profits succeed:
- 5. There is the old Indian favorite; Technological leapfrogging

- 6. Policies are also required to take care of the victims of the bazaar, Special employment policies have to be integrated to the extent possible with paradigms of broad based growth.

Some Basics

- Short run difficulties are nested in the more basic challenge of limits to growth imposed by scarcity of land and water resources.
- Per capita arable land is more or less the same as that of China. “East Asian Societies have a concern for land scarcity which has come through decades. This is not happening in India”
- There is little appreciation of the fact that growth has to come now entirely from productivity improvement or increase in crop intensity.
- In some quarters there are tendencies to escape into utopias like interlinking of rivers, multinational led contract farming replacing the raiyat . All such arguments may have an element of truth and yet are not the complete answer

2.2 Knowledge as A Source of Growth

The total land area of India is around 3.3 million square kilometers with 7000 kilometers of coast line. The entire area is spread into deserts, hilltops, mountains, sea shores, islands, valleys and plains. Out of the billion plus population in the country 70% live in six hundred thousand villages. We are in the process of a societal transformation towards sustainable development for our growth. India has gained the reputation of being a country with the greatest human resource potential. This claim is based on the fact that its science and technology man power will be a formidable force in the 21st Century. Nature has also endowed this sub-continent with lot of bio diversity, traditional knowledge, traditional wisdom etc. The greatest challenge therefore is to transform the information and know-how provided by extensive educational system and traditional wisdom into factors contributive to the social and market economy.

Technology policies are not covering the last mile as much as they should. In the area of seeds for example there is now emphasis on the yield potential gap. Take the paddy hybrids. They seem to have finally taken off with the Agriculture Secretary announcing coverage of over four million hectares. China was doing well and by now was crossing ten million hectares. We were stuck at less than a million for over a decade. With area sown going down and irrigated area stagnating, yield increase seems the only way out in the immediate future. Hybrid paddy has great promise.

The research for hybrids in paddy started with a bang around a decade and a half ago. It was directed by Dr. E.S.Siddiqui. There were a number of centers where the seeds were developed. In others they were to be replicated. A national network was set up. By the early Nineties around seven varieties were released in the South and East. The northern centers didn't take off. The KRH- IV in Karnataka gave a yield of eighty two quintals of paddy. The CNHR-III in Bengal for boro paddy was close at eighty one and the APHR varieties between

seventy one to seventy five quintals. The MGR-I was six tonnes during the Kuruvai in Tamil Nad.

This was the answer to all our prayers. At that time the idea was to grow grains with high yields and release land for other high value crops. States like Karnataka, Andhra and Bengal were the happening places where the action was going to be. Hybrids **went** up to around a half million hectares. The promise was great also because this was the first real private-public partnership. The nations finest agricultural research establishments worked on the project. The seed producers were both in the public and the private sectors. The State Seed Corporations were there as also Krishi Vigyan Kendras , but so were the well known big name seed companies. **Visiting some of them I remember the excitement.** Then the whole momentum failed.

The reasons of the failure were never quite clear. The seeds were expensive. Where the high yielders would cost a few rupees and were self replicating, these had to be bought every year and costs were in hundreds of rupees. But the yields were high and this could not be the reason since per unit costs after the initial blow would compensate. The kisan is known to count his pennies but also goes for profit. The front up costs were not taken up by the State. This was the heyday of ‘reform’ and no subsidy was to be given. China meanwhile was subsidizing them in a big way. Initially the idea was that water would be saved. Later it turned out that per unit of output of paddy the water requirement, if everything went of well was lower, but the stress requirements were severe. If on the d day water did not come, the yield fell. In the South and the East with poorly managed canals and ground water getting scarce this was probably a reason. Again nobody would own them. If the yield was not there, the farmer did not have anybody to turn to. The company would say it was his fault and we just had not developed the regulatory mechanism. Anyway the coverage went down to a measly couple of lakh hectares. The State which would in its heyday really look after the duplication and supply of seeds just walked away.

Earlier in the year in the Rice Production Programme meetings, one read that the Hybrids were to be sponsored again. Newer varieties had been released and it seems that a real effort was made. The coverage figures are amazingly good and if we persist for problems will emerge, as they always do on a new experiment on a mass scale, the rake off will be high. The issue being emphasized is that technology application is not just a technique, but a system question and we need holistic answers to questions.

The strategy has to be to help those who help themselves, by access to support of local efforts at market information access, working finance, standards setting, skill enhancement and family welfare and worker health measures. The employment and poverty reduction results of such development in rural areas are dramatic. Much the same kind of approaches are necessary in diverse fields like education and health. There is widespread interest in the “cluster approach” to development. Successes achieved in linking community skills to larger markets, which is what the method is all about should be attempted to be crafted in the social arena also. In some the links are obvious. For example a good human resource development strategy helps in enforcing standards, which are a precondition of large scale entry into world markets. Sometimes recycling helps in meeting environmental standards, for example in leather clusters. The synergy here has not been used as much as it should be. Leadership in integrating artisan based advantages with markets should be supported and much the same skills can be harnessed for social development policies.

Employment policies including the EGS should be integrated with land and water and sustainable development programmes. Such integration being attempted in the late Eighties was given up later in stand alone policies on “employment generation”. These faulty approaches need to be given up and linking EGS with agro-climatic land and water development policies would not only make the programme feasible, but involving stake holder participation would be a guarantee against corruption.

In each of the problems discussed knowledge is not the bottleneck and so progress can be fast. A dynamic IUC could play a real role in covering systemic gaps at the local levels.

2.3 What do we do when knowledge is scattered across many agencies

While development has to be knowledge based one finds that the knowledge is spread across a large number of institutional categories:

- Agricultural Institutions, ICAR Laboratories etc.
- Technical Institutions, CSIR Laboratories etc.
- Planning / Management Institutions, Institutes of Dev. Studies etc.
- Industries / Business, their bodies like CII, Assoscham etc.
- NGOs, Entrepreneurship Development Institutions etc.

The above categories of agencies and sectors are in addition to the UGC sector. The irony is that many of these departments are ‘hermetically sealed’ and thus we find that these blissfully isolated knowledge sectors do not always have meaningful interaction among them. The knowledge economy scenario however demands purposeful interaction among the above sectors. Networking is essential.

It is therefore imperative that a platform for making the interaction happen is very necessary. The Inter University Center for Rural Development may basically be conceived of in this context.

The urgent need for multi sectoral interaction at every level is necessary – as illustrated by the following code from the Report of the Farmer’s Commission (2006) headed by Dr. M.S. Swaminathan.

“A District Technology Consortium approach involving scientist, grass root institutions, corporate sectors, NGOs, financial institutions and farmers is urgently needed”.

Ch 3 : VISION SETTING

A virtual academy has to be designed to provide the four-way information connectivity between Scientific Institution consortiums (laboratory-to-laboratory), between institution and users (lab-to-lab), between traditional rural knowledge base to technical experts (land-to-lab) and for lateral leaning between rural families (land-to-land).

- MSSRF

3.1 Vision for a 'Faster and more Inclusive Growth'

The message is presented in a crisp fashion by the Parthasarathy Committee

'With impressive macro-economic rates of growth and a booming stock market, India is one of the most exciting economies in the world today. India has reportedly displaced the United States as the second most attractive destination for foreign direct investment in the world after China. This spectacular overall performance, however, hides one dark spot that the people of India exposed through Verdict 2004. The benefits of this growth have not been evenly distributed. Large parts of India do not find a place on the development map of the country'.

The XI Plan guideline document does respond to the dark spots indicated above. It lists the following challenges to be addressed during the XI Plan:

4. Providing essential public services to the poor – particularly education and health
Possibly through public private partnership
5. Regaining Agricultural Dynamism – through a second green revolution
6. Increasing manufacturing Competitiveness – by making our infrastructure (including energy) globally competitive and by exploiting the mileage gained already in IT and IT enabled services.
7. Developing Human Resources – through a break through in quality access and inclusiveness possibly through greater involvement of private sector initiative particularly that the level of higher education.
8. Protecting the Environment – to ensure a sustainable livelihood and to ensure 'our common future'
9. Improving Rehabilitation and Resettlement Practices – with focus on those affected by development projects and social upheavals
10. Improving Governance – using our strength in IT and ITES, by building upon RTI and by making justice fast and affordable

3.2 A reality check: where do we stand in the Millennium Development Goal

The UN sponsored Millennium Development Goals (MDG) to which India is signatory is an important path finder for India not only to get in to the league of developed nations but also to show to more than a hundred countries an escape route out of poverty and under development. But unfortunately we have not been able to achieve the modest targets even in elementary aspects like literacy, gender equity, freedom from killer diseases and fundamental health indicators like IMR, MMR etc. The situation is clarified by the Planning Commission itself in the XI Plan guidance document. (See Table 3.2.)

Table 3.2 : Status of some Socio-Economic Indicators

	Average / All India		Best State	Worst State
	Around 1990	Recent Years	Recent Years	Recent Years
Per Capita Net National Product : (Rs. Per person at 1993-94 prices) ¹	7321	11799	16679	3557
Consumption Poverty : Head Count Ratio (%) ²	36.0	27.8	6.16	47.15
Literacy (age 7+) Male ³	64.1	75.3	94.2	59.7
Literacy (age 7+) Female ³	39.3	53.7	87.7	33.1
Attending Elementary Schools (6-14 Years) ³	55.3	71.1	103.1	55.8
Sex Ratio : (females/1000 males) ³	927	993	1058	709
Infant Mortality Rate : (2003) (Per 1000 live births) ⁴	80	60	11	83
Maternal Mortality Rate : (1997) (Per 1000 live births) ⁴		4		
Undernourished Children : (1998 – 99) ⁵				
Weight – for – age		47.0	20.6	55.7
Height – for – age		45.5	18.1	55.5
Weight – for – Height		15.5	4.8	24.3

1. For the Years 1990-91 and 2003-04
2. The poverty estimates given are for 1993-94 and the latest estimates based on the NSS 2004-05 survey which is comparable with 1993-94.
3. Calculate from information based on Census 1991 and 2001
4. Based on SRS
5. Percentage age below 2 standard deviation from the mean of an international reference population.

The National Commission on Farmers also states this in no and certain terms:

The country is way off the track in meeting the Millennium Development Goals. Scientists should actively participate in the policy debate leading to investment decisions. Concrete actions in terms of financial allocations, institutional and infrastructural support, human resources quality and member, and producer-market and backward-forward linkages are urgently needed.

3.3 Networked functioning:

The complexity of today's global economic environment along with the talisman to help us emerge successful are well described in the following two statements:

“The dynamics of our society, and particularly our new economy, will increasingly obey the logic of networks. Understanding how networks will be the key to understanding how the economy works”.

-Kevin Kelly, In New Rules for the New Economy

“The old common sense was an understanding of cause and effect in the complicated world of discrete events. The next common sense is a description of cause and effect in a world of interweavings”.

-Michael Lissack and Johan Roos, The Next Common Sense

As described in 2.3 knowledge is available in a creative/functional form across various agencies belonging to various sectors/ ministries. At the same time no successful development project, leave alone industrialization, is possible without the convergence of atleast a few of these agencies/sectors/schemes. Therefore we may conclude that:

- India's ambitious plan of achieving faster and inclusive growth is possible only through knowledge leveraging existing institutional strengths.
- Since knowledge, in its creative and functional form, is scattered across many disciplines/ Institutions / Agencies / Sectors it is imperative to adopt a style of **networked functioning**

This is very clear from the following resolution of the Workshop on India and the knowledge economy : Leveraging Strengths and Opportunities (Nov 9, 2004, New Delhi) :

“It is necessary to improve the efficiency of public R&D and to increase private R&D, as well as to encourage greater University-industry linkages. There is also the need to strengthen the emerging new model to produce innovations in more cost effective way based on leveraging traditional knowledge with modern science and exploiting public-private partnerships.”

The need for linkage with various stake holders like scientific bodies, NGOs, Panchayati Raj, schemes of Central and State government departments is clear from the following statement from the report of the National commission on Farmers (2006)

“The NRAA (National Research Association for Agriculture) should provide scientific and intellectual support to and fully tap the potential of Panchayati Raj Institutions and participations of NGOs and community-based organizations. The NRAA should be structured somewhat like National Dairy Development Board with clear-cut functions in the areas of policy formulation, resource mobilization, coordination with all

concerned Ministers, Centre – State linkages as well as with Bharat Nirman, NREGS etc. and issues related to sustainable water security in the rain-fed areas and mitigating the impact of drought and strengthening the livelihood security systems”.

The following chapters will build up the vision in terms of objectives, action plans and organizational structures.

Chapter 4

OBJECTIVES

The Committee recommends the following objectives for the proposed Inter University Consortium for Rural Development

1. To serve as a national hub of knowledge connectivity for Rural Development by networking a set of regional hubs or the Regional Platforms for Knowledge Connectivity – the later to be based on consideration of agro-climatic region;
2. To support development of plans and policies for rural development by research, training and demonstration and create functioning packages of social technologies, physical technologies and economic policy strategies for various agro-climatic regions;
3. To facilitate development of techno-managerial cadres needed for the rural development plans of the country – and to this end create innovative academic programmes. At the same time, evolve HRD package (including training) suitable for the development of each region;
4. To help in working out S&T intervention modules, particularly for the development leap-frogging of the backward regions, by synergizing the resources that are available with various stake-holders like UGC, ICAR, CSIR, industries, ISRO, NGOs and private sector institutions.
5. To help create special institutional structures and schemes for nurturing leadership in regional development/entrepreneurship with special focus on the most backward regions;
6. To sponsor creation of new ‘regional rural development universities’, particularly in the most backward agro-climatic regions where networking of institutional-mix is not feasible because of non-availability of the requisite infrastructure and skills at present.

Chapter5

APPROACH TO THE DESIGN OF THE IUC

“Knowledge economy is a critical element of India’s reform agenda, and this requires cross sectoral coordination and partnerships among government, private sector and civil society.”

-(Workshop on- India and the knowledge economy: Leveraging strengths and opportunities- November 9, 2004, New Delhi)

The ‘agrindus’ vision and its implications

The sustainability of the fast growth with inclusiveness of a sovereign democracy like India is not possible without recognizing agriculture as its base. The National Commission on Farmers advocates for a knowledge supported agriculture (including e-agriculture) so that

- we could embark on precision cultivation and through it globally competitive productivity
- we could add value to agricultural produce with state of the art, techniques for preservation, packaging etc.
- we could commercially exploit the bio-diversity of the country along with its potential in sunrise areas like
 - Green Food (neutraceuticals)
 - Green Health aids
 - Green Textile etc.
- we could protect our national wealth under IPR regime.

The agrindus dream brings along with it the necessity for cooperation between agriculture, industries and commerce as part of the Nation’s agenda for ushering knowledge economy. This in turn means a massive collaboration between the academic institutions with the other sectors and agencies.

5.2 The need for a regional base

The agricultural and entrepreneurial drive so far have been anchored in safer domains – for example in agriculturally richer regions and in urban environs. The present objective of taking the annual agricultural growth to 4% and annual industrial growth to around 10% implies that we have to rope in new category of players, new category of regions and new category of agricultural/industrial commodities. In the case of agriculture the National Commission on Farmers calls it ‘greening the grey areas’. Their concern for addressing specific agro-climatic areas (while carrying on the original activities) is clear from the following statement:

“Rain-fed and other less favoured areas have the highest concentration of poor and malnourished people; these highly risk prone areas are

characterized by low agricultural productivity, high natural resource degradation, limited access to infrastructure and markets, and other socio – economic constraints. In the interests both of improving household food security and lessening socio-economic inequity, and also of raising national agricultural production, research and technology development must give greater attention to soil health, water conservation, livestock for livelihood security, horticulture and agro forestry in the rain-fed areas, while maintaining and further increasing the gains made in irrigated areas.”

5.3 Need for knowledge related interaction among the sub-sectors of the economy

Section 5.2 makes it clear that technologies appropriate for each agro-climatic zone should be utilized. The question is who holds such technologies/knowledge ? Obviously one has to first look into the institutions that are in the region or institutions that address the problems of the region. To get an idea of the range of institutions the following quote from the National Commission on Farmers will be useful.

“Establishment of sustained one-to-one linkages between R&D/ Academic institutions and the farming hubs, contract farming. SFEs and agro-industries located in a particular region; and setting up of accurate, upto-date, reliable, realistic and user-friendly database on indigenous technological expertise/infrastructure, S&T personnel, R&D programmes, technological breakthroughs and innovations etc. For upstream agriculture-related industries, encouraging the mobility of S&T personnel between industry and R&D / academic institutions should be promoted. Academic institutions and R&D laboratories also need to organize appropriate training programmes for private sector personnel in order to cater to their specific requirements. Policy, procedures and systems should be reformed to encourage the academic faculty to accept contract / collaborative research for industry”.

“Interaction with the farmers and industry should not end with technology transfer but the agency providing the technology must constantly interact with the users’ problem solving, technology absorption, and improvement/upgradation of the technology. The Institute- Village linkage programme of ICAR needs to be revitalized and restructured. Government and industry associations should work together for the, establishment of independent test facilities for reliable quality-checks, calibration and also for technology validation. Establishment of Industry S&T Interface Institutions (ISTI), with technology management centres manned by qualified personnel, could also be considered, besides the establishment of S&T entrepreneurship parks, Technology Business Incubators, upgrading R&D infrastructure of the industry through consortia of industry associations. Incentive/ support measures would also need to be introduced for promoting the purchase of products developed through indigenous technologies. This approach should particularly be promoted in the areas of organic farming, pharma farming, biofertilizers and biopesticides etc”.

Chapter6

TWO-TIER STRUCTURE

6.1 NATIONAL HUB FOR THE IUC

The inter-university coordination for rural development will be housed initially in a development oriented university which UGC may select if it has most of the dimensions of rural development and has connectivity to most of the national institutional categories like ICAR, CSIR, ICSSR, Agro-economic research centres, besides prime institutes like ISRO, NIRD, NDDV, IRMA etc.

The objective enumerated in section-2 will be the concern of this national hub. This hub will be able to network the Regional Platforms for Knowledge Connectivity (RPKC) as detailed below.

6.2 REGIONAL HUBS

As indicated earlier the aim will be to get to the 18 agro-climatic regions. Further with the view to achieve knowledge based Regional Platforms for Knowledge Connectivity will be created by identifying a inter-disciplinary mix of knowledge centers spanning various dimensions of rural development. For example,

Agricultural institutes

CSIR laboratories

KVIC related institutes

Institutes related to natural resource management

Centres of entrepreneurship development

Institutes of regional planning

In certain regions one easily finds all such institutes where premier institutes are not available next best approximation will be attempted in the regions where the depth of such institutes has regional development institute will be established to help development leap frogging in such backward regions.

Chapter7

REGIONAL Hubs and DEVELOPMENT

- Preliminary Illustrations-

7.0 THE APPROACH

After the passage of the 73rd and 74th Constitutional Amendments and after the emergence of the global consciousness about knowledge economy, a paradigm in development is due to take place. This has to undo all the evils of the top-down Delhi centered pan-Indian prescriptions for rural development. The 29 subjects listed in the Eleventh Schedule amply cover the relevant dimensions of rural development. The 29 subjects (see Annexure-C for the full list) could be classified into five categories as listed below:

1. Agriculture and livelihood related subjects
2. Subjects related to rural industries and business
3. Subjects related to rural infrastructure (water, roads, sustainable energy etc.)
4. Subjects related to human resource development
5. Subjects related to social security and social welfare

A perusal of Annexure-C and the classification outlined above indicate clearly that each one of the cluster of topics are professional in nature. They could be handled efficiently only with the support of the relevant knowledge centers and relevant professionally trained persons.

When we talk about knowledge centers, the sector of traditional wisdom and people's innovation are not excluded.

For example, if you take the third cluster of topic namely "Rural Infrastructures" which spans physical connectivity and transportation at one end and non-human energy sources at the other. It is amply clear that a resource linked development programme could be evolved only with appropriate knowledge based actions.

A cursory look again into the above subject cluster indicates the following institutional categories.

Cluster Categories	Institutional Categories
Agriculture and Livelihood	ICAR and related institutions
Industries and Business	CSIR institution Centres for entrepreneurship Development
Infrastructure	Technological institutions Planning institutions
Human resource development	

7.1 ILLUSTRATIONS

7.1.1 AGRO-CLIMATIC REGION: “GUJARAT PLAIN AND HILL REGIONS”

The following chart furnishing outline of certain institution indicates possibility of multi-disciplinary knowledge hubs in the agro-climatic region namely “Gujarat Plain and Hill Regions”.

Professional Dimension	Typical Institution	Remarks on the Institution
Regional rural development	<ul style="list-style-type: none"> Gujarat Vidyapith, Ahmedabad Institute of Rural Management, Anand 	Both the institutions together can help plan for the development of rural/tribal areas.
Regional planning	CEPT university	An unique institute in land-use planning of the rural region
Entrepreneurship development	Entrepreneurship Development Institute, Bhat	Nationally renowned entrepreneurship training centre
Health	CEHAT, CHETNA	An NGO, well-known for health initiative
Environment	N.M. Sadguru Water and Development Foundation AKRSP, DSC	Environmental institutes with specialization in watershed
Specific livelihood direction	NDDB, GCMMF, emerging Producer Companies in Saurashtra Venkateshwara Hatcheries, SEWA Rural, Private Corporations.	These institutions are nationally known frontliners

From a perusal of the above chart indicates that (if a platform could be provided) by the participation of the above typical institutions it is possible to bring out a bottom-up style of above planning. In addition these institutions would also serve as a network for implementation, monitoring, policy formation etc.

7.1.2 THE EXAMPLE OF AGRO-CLIMATIC-REGION: SOUTHERN PLATEAU TO HILL REGION

Professional Dimension	Typical Institution	Remarks on the Institution
Regional rural development	Gandhigram Rural University, Dindigul, Tamil Nadu	Country’s only functional Central Rural (Deemed) University
Regional planning	Institute of remote sensing <ul style="list-style-type: none"> Anna University MIDS, Chennai 	These institutes together have the infrastructure for model regional planning
Entrepreneurship	Centre for Entrepreneurship	One of the eight CEDs set

development	Development, Madurai	up by the Ministry of Small Industries
Rural Health	Vivekananda Girijan Kalyana Kendra, BR Hills, Karnataka	Padmashri Dr.Sudarshan's work has become good modal for tribal/rural region
Environment	DHAN Foundation	Their watershed and community development work is a national model
Livelihood	RAAS, Andhra Pradesh	Best known NGO of development including livelihood

7.1.3 THE EXAMPLE OF AGRO-CLIMATIC-REGION: EASTERN HIMALAYAN REGION

Professional Dimension	Typical Institution	Remarks on the Institution
Hill Agriculture	ICAR Research Complex for NEH Region	
Entrepreneurship development	<ul style="list-style-type: none"> • Indian Institute of Development, Guwahati • Centre for Entrepreneurship Development, Guwahati 	
Rural Planning	Regional Research Laboratory, Jorhat	
Other Institutional support	Nehu and other six developmental institutions	

Chapter8
POSSIBLE INSTITUTIONAL NETWORKS IN EACH AGRO-CLIMATIC REGION
-Preliminary Taxonomy-

8.1 Western Himalayan Region – (J&K, Himachal Pradesh, Uttaranchal)

Gandhian Studies Centre

Universities having Rural Development / Rural Management etc. Department

Universities With Centre Of Excellence

Himachal Pradesh University

Himalayan Studies

ICAR Laboratories/Research Institutions

Central Potato Research Institute, Shimla, Himachal Pradesh

Vivekanand Parvatiya Krishi Anusandhan Sansthan, Almora, Uttaranchal

Agricultural Universities

Himachal Pradesh Krishi Viswavidyalaya (HPKV), Palampur- 176 062 HP

Shere-e-Kashmir Univ. of Agril. Sciences & Technology (SKUAS&T) Jammu
180004

Jammu & Kashmir 191 001

Y.S. Parmar University of Horticulture & Forestry (YSPUH&F), Solan 173 230, HP

IIT

NITs

National Institute of Technology, Srinagar

National Institute of Technology, Hamirpur

CSIR Laboratories

Indian Institute of Petroleum (IIP), Dehradun – 248005

Regional Research Laboratory (RRL, JM), Jammu Tawi – 180001

Institute of Himalayan Bioresource Technolonogy (IHBT), Palampur - 176061

TIFAC Institutions

[National Institute of Technology](#) Hamirpur [Power Transformer Diagnostics](#)

HEALTH / MEDICAL INSTITUTIONS

Health Related ICMR Research Institutes/Centres

Laboratories / Institutions Under KVIC

Himachal Khadi Ashram, Shimla (HP)

Himachal Khadi Mandal, Akhara Bazar, Kullu, Distt. Kullu (HP)

ENTREPRENEURSHIP DEVELOPMENT INSTITUTES

J & K Entrepreneurship Development Instt., O/o Directorate of Industries & Commerce, Exhibition Ground/Residency Road, Jammu/Sri Nagar
Entrepreneurship Dev., Institute, Parwanoo, H. P.

REGIONAL PLANNING INSTITUTIONS

North-Western Regional Centre, Chandigarh covering Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, and the Union Territory of Chandigarh.

SCHOOLS OF ARCHITECTURE AND PLANNING

STATE LEVEL PLANNING INSTITUTIONS

MANAGEMENT INSTITUTIONS

WATERSHED DEVELOPMENT NGOS

Action for Food Production AFPRO Field Unit VI, Hyderabad, Hyderabad

Disaster Mitigation Action Group Dehradun

Enhare Almora

Experiments in Rural Advancement (ERA) Dehradun

Kalindi Society for Development Studies Dehradun

HEALTH NGOs

Uttaranchal Daivi Apada Peedit Sahayata Samiti (Uttarkashi, UP) Uttaranchal

EMPLOYMENT / VOCATIONAL TRAINING NGOS

Sanjeevani Sharda Kendra (Jammu, J&K)

J & K

WOMEN EMPOWERMENT NGOS

8.2 Eastern Himalayan Region – (Arunachal Pradesh, Assam, Meghalaya, Nagaland Tripura, Mizoram, Manipur, Sikkim)

Gandhian Studies Centre

Manipur University, Manipur

North eastern Hill University, Shillong

Universities having Rural Development / Rural Management etc. Department

Universities With Centre Of Excellence

ICAR Laboratories/Research Institutions

Agricultural Universities

Assam Agricultural University (AAU) Jorhat 785 013 (Assam)

IIT

IIT Guwahati

NITs

National Institute of Technology, Agartala

National Institute of Technology, Silchar

CSIR Laboratories

Regional Research Laboratory (RRL,JOR), P.O. Jorhat - 785006

TIFAC Institutions

[Dibrugarh University
Engineering](#)

Dibrugarh

[Clastic Petroleum Reservoir](#)

HEALTH / MEDICAL INSTITUTIONS

Health Related ICMR Research Institutes/Centres

Laboratories / Institutions Under KVIC

Nagaland Khadi & V.I. Sangh, Dhobinala Road, Dimapur

ENTREPRENEURSHIP DEVELOPMENT INSTITUTES

REGIONAL PLANNING INSTITUTIONS

North-Eastern Regional Centre, Shillong covering Arunachal Pradesh, Assam, Manipur, Tripura, Meghalaya, Mizoram, Nagaland and Sikkim.

SCHOOLS OF ARCHITECTURE AND PLANNING

STATE LEVEL PLANNING INSTITUTIONS

1. O.K.D. Institute of Social Change & Development, K.K. Bhatta Road, Chenikuthi, Guwahati-781 003 (Assam)

MANAGEMENT INSTITUTIONS

WATERSHED DEVELOPMENT NGOS

HEALTH NGOs

EMPLOYMENT / VOCATIONAL TRAINING NGOS

WOMEN EMPOWERMENT NGOS

8.3 Lower Gangetic Plains Region – (West Bengal)

Gandhian Studies Centre

Rabindra Bharati University, Kolkata
Vidyasagar University, Midnapore

Universities having Rural Development / Rural Management etc. Department

Universities With Centre Of Excellence

ICAR Laboratories/Research Institutions

Central Inland Fishries Research Institute, Barrackpore, West Bengal
Central Research Institute for Jute and Allied Fiber, Barrackpore, West Bengal
National Institute for Research on Jute & Allied Fibres Technology, West Bengal
(formerly JTRL)

Agricultural Universities

Bidhan Chandra Krishi Viswavidyalaya (BCKV) Haringhatta P.O. Mohanpur, Nadia
741 246 (West Bengal)
West Bengal University of Animal & Fishery Education (WBUA&FE) 68,
Kshudiram Bose Sarani, Belgachia, Calcutta 700 037 (W.B.)

IIT

IIT Kharagpur

NITs

National Institute of Technology, Durgapur

CSIR Laboratories

Indian Institute of Chemical Biology (IICB), Kolkata – 700032
Central Glass and Ceramic Research Institute (CGCRI), Kolkata – 700032
Central Mechanical Engineering Research Institute (CMERI), Durgapur – 713209

TIFAC Institutions

HEALTH / MEDICAL INSTITUTIONS

Calcutta Medical College, Kolkata, India

Health Related ICMR Research Institutes/Centres

National Institute of Cholera and Enteric Diseases (NICED), KOLKATA

Laboratories / Institutions Under KVIC

Bharat Khadi Sevak Sangh, 4, B. B. Gupta Road, PO Khagra, Murshidabad – 742 103
Diamond Silk Khadi Society, PO Sujapur, Dist. Malda
Gramin Kutir Silpa Bhawan, Jiaganj, Murshidabad.
Kshetriya Shri Gandhi Ashram, At & PO Jalalpur, Dist. Malda

Entrepreneurship Development Institutes**Regional planning institutions**

Eastern Regional Centre, Kolkata covering Bihar, Orissa, West Bengal and Jharkhand, and the Union Territory of Andaman and Nicobar Islands.

Schools of Architecture and Planning

Bengal Engineering College - Howrah 711103
Jadavpur University - Kolkata- 700032

State Level Planning Institutions

Centre for Studies in Social Sciences, R-1, Baishnabghata, Patuli Township, Kolkata

Management Institutions

IIM Calcutta (IIMC) KOLKATA
Indian Institute of Social Welfare & Business Management (IISWBM) KOLKATA
Vinod Gupta School of Management (IIT Kharagpur) (IITKGP) KHARAGPUR

Watershed Development NGOS

Salkia Dharmatala Nagarik Brinda Howrah

Health NGOs

Lokenath Divine Life Mission (Calcutta, West Bengal)	Bengal
Akhil Bharatiya Drishtihin Kalyan Sangha, Kolkata	Bengal

Employment / Vocational Training NGOS**Women Empowerment NGOS**

Mahila Parishad, Kolkata	Bengal
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8.4 Middle Gangetic Plains Regions – (Bihar)

Gandhian Studies Centre

Universities having Rural Development / Rural Management etc. Department

T.M. Bhagalpur

Rural Economic and Cooperation

Universities with Centre Of Excellence

ICAR Laboratories/Research Institutions

Indian Lac Research Institute, Namkum, Ranchi

Agricultural Universities

Birsa Agricultural University (BAU)

Kanke, Ranchi 834 006 (Bihar)

Rajendra Agricultural University (RAU)

Pusa, Samastipur 848 125 (Bihar)

IIT

NITs

National Institute of Technology, Jamshedpur

National Institute of Technology, Patna

CSIR Laboratories

National Metallurgical Laboratory (NML), Jamshedpur - 831007

Central Mining Research Institute (CMRI), Dhanbad - 826001

Central Fuel Research Institute (CFRI), Dhanbad – 828108

TIFAC Institutions

HEALTH / MEDICAL INSTITUTIONS

Health Related ICMR Research Institutes/ Centres

Rajendra Memorial Research Institute of Medical Sciences (RMRIMS), PATNA

Laboratories / Institutions under KVIC

Gram Nirman Mandal Khadi Gramodyog Samiti, Gaya

Entrepreneurship Development Institutes

Institute of Entrepreneurship Development B. S. F. C Building, 5th floor, Prasar Road,
Post Box No. 114, Patna - 800001

Regional planning institutions**Schools of architecture and planning**

Bihar Institute of technology - Patna-800 005
Birla Institute of technology - Mesra 835 215

State level planning institutions

A.N. Sinha Institute of Social Studies, Patna-800 001 (Bihar)

Management institutions

Xavier Labour Relations Institute (XLRI) JAMSHEDPUR

Watershed development NGOS

Agrarian Assistance Association Trust, Ranchi
Samajik Shaikshanik Vikas Kendra (SSVK) Patna
Social and Healthy Action for Rural Empowerment (SHARE) Jamshedpur
Gram Vikas Parishad Madhubani

Health NGOS

Birsa Seva Prakalp (Hazaribagh, Bihar) Jharkhand
Yodada Satsang Society (Ranchi, Bihar) Bihar

Employment / vocational training NGOS**Women empowerment NGOS**

8.5 Upper Gangetic Plains Region – (Uttar Pradesh)

Gandhian Studies Centre

Ch.Charan Singh University, Meerut
Dr Bhim Rao Ambedkar University, Agra

Universities having Rural Development / Rural Management etc. Department

University of Bundelhand	Rural Economics & Cooperation
Dayal Bagh Educational Institute	Business Management

Universities With Centre Of Excellence

Allahabad University	Behavioural Cognitive Sciences
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ICAR Laboratories/Research Institutions

Central Avian Research Institute, Izatnagar, Uttar Pradesh
Central Institute for Research on Goats, Farah, Uttar Pradesh
Indian Institute of Sugarcane Research, Lucknow, Uttar Pradesh
Indian Institute of Vegetable Research, Varanasi, Uttar Pradesh

Agricultural Universities

C.S. Azad University of Agriculture & Technology (CSAUA&T) Kanpur 208 002, (Uttar Pradesh)
G.B. Pant University of Agriculture & Tech. (GBPUA&T) Pantnagar 263 145, Nainital (UttarPradesh)
Narendra Dev University of Agriculture & Technology (NDUA&T) Faizabad 224 001 (Uttar Pradesh)

IIT

IIT Kanpur
IIT Roorkee

NITs

Motilal Nehru National Institute of Technology, Allahabad

CSIR Laboratories

Central Drug Research Institute (CDRI), Lucknow – 226001
Central Institute of Medicinal & Aromatic Plants (CIMAP), Lucknow - 226016
Industrial Toxicology Research Centre (ITRC), Lucknow - 226001
National Botanical Research Institute (NBRI), Lucknow -226001
Central Building Research Institute (CBRI), Roorkee – 247667

TIFAC Institutions

HEALTH / MEDICAL INSTITUTIONS

King George Medical College (KGMC), Lucknow, Govt. Institute

Health Related ICMR Research Institutes/Centres

National JALMA Institute for Leprosy & Other Mycobacterial Diseases (NCJILMD),
AGRA

Institute of Cytology and Preventive Oncology (ICPO), NOIDA

Laboratories / Institutions under KVIC

Swarajya Ashram, Sarvodaya Nagar, Kanpur
Gram Seva Sansthan, Gandhi Path, Fatehpur

Entrepreneurship Development Institutes

Institute of Entrepreneurship Development (U.P.) A-430, Indira Nagar, Lucknow

Regional Planning institutions

Schools of Architecture and Planning

Government College of architecture - Lucknow -226 007

University of Roorkee - Roorkee -247667

State level Planning Institutions

Gandhian Institute of Studies, Rajghat, Varanasi-221 001 (Uttar Pradesh)

Giri Institute of Development Studies, Sector 'O', Aliganj Housing Scheme,
Lucknow-226024 (U.P.)

G.B.Pant Social Science Institute, 3 No. Yamuna Enclave, Jhusi, Sangam Nagar,
Allahabad-211 019 (Uttar Pradesh)

Management Institutions

IIM Lucknow (IIML) LUCKNOW

DeT. of Industrial & Management Engineering, IIT Kanpur (IITK) KANPUR

Institute of Management Technology (IMT) GHAZIABAD

Department of Management Studies, IIT Roorkee (IITR) ROORKEE

Watershed Development NGOS

Ekikrat Janjati Sahkari Vikas Sangh (A Govt of Utter Pradesh Undertaking) Lucknow
Gramothan Bal Mahila Kalyan Sansthan Mau
Krishi Vigyan Kendra, Zaheerabad Zaheerabad
Madhuvan Sansthan - Himalay Environment Research and Social Studies Tehri
Garhwal

Health NGOS

Jeevan Dhara Rakt Foundation, Meerut, UP	Uttar Pradesh
Ramakrishna Mission Sevashram (Hardwar, UP)	Uttar Pradesh
Shanti Sewashram Jain Dharmartha Trust (Meerut, UP)	Uttar Pradesh
Shri Bhagwat Mission Charitable Trust (Mathura, UP)	Uttar Pradesh
Sri Aurobindo Yoga Mandir (Haridwar, UP)	Uttar Pradesh
Yog Satsang Samiti, Allahabad	Uttar Pradesh

Employment / Vocational Training NGOS

Women Empowerment NGOS

Dr. Ram Kumar Gayatri Devi Shiksha Association (Etah, UP)	Uttar Pradesh
Saraswati Vidya Mandir (Mawana, District Meerut, UP)	Uttar Pradesh
Shiksha Bharati (Hapur, UP)	Uttar Pradesh

8.6 Trans-Gangetic Plains Region – (Delhi, Haryana, Punjab)

Gandhian Studies Centre

Kurukshetra University, Kurukshetra

Universities having Rural Development / Rural Management etc. Department

Maharshi Dayanand

Rural Development

Universities With Centre Of Excellence

Punjab University

Biomedical Sciences

ICAR Laboratories/Research Institutions

Central Institute for Research on Buffaloes, Hissar, Haryana

Central Institute of Post Harvest Engineering & Technology, Ludhiana, Punjab

Central Soil Salinity Research Institute, Karnal, Haryana

Indian Agricultural Research Institute, New Delhi

Indian Agricultural Statistics Research Institute New Delhi

Agricultural Universities

Haryana Agricultural University (HAU) Hissar 124 001 (Haryana)

Punjab Agricultural University (PAU) Ludhiana 141 004 (Punjab)

IIT

IIT Delhi

NITs

National Institute of Technology, Kurukshetra

CSIR Laboratories

Central Scientific Instruments Organization (CSIO), Chandigarh – 160020

National Physical Laboratory (NPL), New Delhi – 110012

Centre For Biochemical Technology (CBT), Delhi - 110007

Institute of Microbial Technology (IMT), Chandigarh - 160036

Central Road Research Institute (CRRI), New Delhi - 110020

National Institute of Science Communication & Information Resources (NISCAIR),

New Delhi National Institute of Science Technology and Development Studies

(NISTADS), New Delhi

TIFAC Institutions

[Delhi College of Engineering](#) New delhi [Fiber Optics and Optical Communications](#)

[Thapar Institute of Engineering and Technology](#) Patiala [Agro and Industrial Biotechnology](#)

HEALTH / MEDICAL INSTITUTIONS

All India Institute of Medical Sciences (AIIMS), New Delhi, India, Autonomous Govt. Institute [350]

Chandigarh Medical College, Chandigarh, Govt. Institute

Directory of Colleges & Educational Institutes in Punjab

Maulana Azad Medical College (MAMC), New Delhi, Govt College

Patiala Medical College, Patiala, Govt. Institute

University College of Medical Sciences, New Delhi

Health Related ICMR Research Institutes/Centres

National Institute of Malaria Research (NIMR), DELHI

Institute of Pathology (IOP), DELHI

National Institute of Medical Statistics (NIMS), DELHI

Laboratories / Institutions under KVIC

Entrepreneurship Development Institutes

Centre for Development of Entrepreneurship, Haryana Institute of Public Administration, 76, HIPA Complex, Sector-18, Gurgaon-122001.

Regional Planning institutions

North-Western Regional Centre, Chandigarh covering Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, and the Union Territory of Chandigarh.

Northern Regional Centre, New Delhi covering Delhi, Madhya Pradesh, Rajasthan, Uttar Pradesh, Chattisgarh and Uttranchal.

Schools of Architecture and Planning

School of Planning and architecture - I P estate, New Delhi - 110002

Vastu Kala academy School of architecture and interior designing - A. Asaf Ali marg, New Delhi-110067

Jamia Millia Islamia - Jamia nagar, New Delhi-110025

T V B School of habitat studies - Vasant Kunj, New Delhi -110070

Chandigarh college of architecture - Sector 12, Chandigarh-160012

C R State college of engineering - Sonapat District, Haryana

Guru Nanak Dev university - Amritsar 143005

College of engineering and technology - Bathinda 151 001

State level Planning Institutions

Institute of Economic Growth, University Enclave, Delhi-110 007
Centre for the Study of Developing Societies, 29, Rajpur Road, Delhi-110 054
Centre for Policy Research, Dharma Marg, Chanakyapuri, New Delhi-110 021
Centre for Research in Rural and Industrial Development, 21, Sector, 19-A, Madhya Marg, Chandigarh-160 019
Centre for Women's Development Studies, 25, Bhai Vir Singh Marg, New Delhi-110 001
Institute of Studies in Industrial Development, P.O. Box 7151, Narendra Niketan, Indraprastha Estate, New Delhi-110 002

Management Institutions

Faculty of Management Studies (FMS) NEW DELHI
Indian Institute of Foreign Trade (IIFT) NEW DELHI
Department of Management Studies, IIT Delhi (IITD) NEW DELHI
International Management Institute (IMI) NEW DELHI
National Institute of Fashion Technology (NIFT) NEW DELHI
Fore School of Management (FSM) NEW DELHI
University Business School (UBS) CHANDIGARH

Watershed Development NGOS

Amar Jyoti Rehabilitation And Research Centre, New Delhi
Asia Pacific Socio-Economic Research Institute (APSERI), New Delhi
Noble Cause Delhi
Surtal Sabhiachar & Samaj Bhalai Club Mansa

Health NGOS

Amar Jyoti Charitable Trust (Delhi)	Delhi
Arpana Research & Charitable Trust (Karnal, Haryana)	Haryana
Bharat Seva Nyas (Chandigarh)	Punjab
Bharat Vikas Parishad (Delhi)	Delhi
Bharat Vikas Parishad, Chandigarh	Punjab
Ghasi Ram Charitable Trust (Delhi)	Delhi
Lions Club of Mehsana (Mehsana, Gujarat)	Gujarat
Makhan Lal Charitable Hospital Trust & Research Institute (Delhi)	Delhi
Om Prakash Soni Charitable Trust, Jagraon, District Ludhiana	Punjab
Sewa Bharati Barnala	Punjab
Sewa Bharati Delhi (Delhi)	Delhi
Shri Bhartu Ram Memorial Charitable Trust (Delhi)	Delhi
Shri Makhanlal Charitable Hospital Trust (Delhi)	Delhi

Employment / Vocational Training NGOS

Sewa International Bharat, New Delhi	Delhi
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Women Empowerment NGOS

Sewa Bharati Delhi (Delhi)	Delhi
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8.7 Eastern Plateau & Hill Region – (Orissa, Jharkhand, CHHATTISGARH)

Gandhian Studies Centre

Universities having Rural Development / Rural Management etc. Department

Universities with Centre of Excellence

ICAR Laboratories/Research Institutions

Agricultural Universities

IIT

NITs

National Institute of Technology, Raipur
National Institute of Technology, Rourkela

CSIR Laboratories

TIFAC Institutions

HEALTH / MEDICAL INSTITUTIONS

Health Related ICMR Research Institutes/Centres

Laboratories / Institutions under KVIC

Chhattisgarh Khadi Gramodyoga Sansthan, B. D. Mahant, Sub Nagar, Naila, Dist. Junjgeer

Maha Maya Khadi Ashram, Amarkantak, Arpa Complex, Opp. Naw Bharta Presse, Bilaspur

Mahadev Smark Khadi Gramodyog Mandal, H.O. Indira Place, Shop No. 106 Ist floor, Hhinu, Ranchi-2 (Jarkhand)

Champa Khadi Gramodyoga Mandal, Lions Club Road, Champa, Dist. Janjgeer

Entrepreneurship Development Institutes

Regional Planning institutions

Schools of Architecture and Planning

Government Engineering College - Raipur 492010

State level Planning Institutions

Management Institutions

Watershed Development NGOS

Can And Able Gajapati

Institute for Communication & Development Action (ICDA) Bhadrak

Krishi Gram Vikas Kendra Ranchi

SADHANA Puri

Solidarity for Social Equality (Human Rights Centre) Balangir

Council of Social Action Berhampur

Desh Bandhu Sangha Dhanyaghata

Development Agency for Social Improvement, Baripada Baripada

Health NGOS

Birsa Seva Prakalp (Hazaribagh, Bihar) Jharkhand

Yodada Satsang Society (Ranchi, Bihar) Jharkhand

Sri Aurobindo Srikshetra Trust Orissa

Yogada Satsanga Society of India Jharkhand

Employment / Vocational Training NGOS

Women Empowerment NGOS

8.8 Central Plateau & Hill Region – (Madhya Pradesh)

Gandhian Studies Centre

Universities having Rural Development / Rural Management etc. Department
M.G. Chitrkoot Gramoday Vishwavidyalaya Faculty of Rural Reconstructon

Universities with Centre of Excellence

Devi Ahilya University e-Management Studies

ICAR Laboratories/Research Institutions

Central Institute of Agricultural Engineering, Bhopal, Madhya Pradesh
Indian Grassland and Fodder Research Institute, Gwalior, Jhansi
Indian Institute of Soil Science , Bhopal, Madhya Pradesh

Agricultural Universities

Indira Gandhi Krishi Vishwa Vidyalaya(IGKV) Krishak Nagar Raipur 492 012 (M.P.)
Jawaharlal Nehru Krishi Viswa Vidyalaya (JNKVV) Jabalpur 482 004 (M.P.)

IIT

NITs

Maulana Azad National Institute of Technology, Bhopal

CSIR Laboratories

Regional Research Laboratory (RRL,BHO), Bhopal – 462026

TIFAC Institutions

[Jabalpur Engineering College](#) Jabalpur [High Voltage and Power Systems Engineering](#)

HEALTH / MEDICAL INSTITUTIONS

Health Related ICMR Research Institutes/Centres

Laboratories / Institutions under KVIC

Zila Kosa Bunkar Sahakari Samiti, Nayaganj, Burudulara Road, Kosthapar, Raigarh

Entrepreneurship Development Institutes

Centre for Entrepreneurship Del., 60, Jail Road, Jahangirabad, Bhopal - 462008.

Regional Planning institutions

Schools of Architecture and Planning

Maulana Azad college of technology - Bhopal 462007

Sthapatya Kala Bhawan society - Indore

Madhav Institute of technology - Gwalior 474005

I P S Academy school of architecture - Indore 452003

Institute of Environmental planning and technology - Indore

State level Planning Institutions

Dr. Baba Sahibe Ambedkar National Institute of Social Sciences, Dongargaon
A.B.Road, Mhow Cantonment, Mhow-453441 (Madhya Pradesh)

Madhya Pradesh Institute of Social Science Research, 19-20, Mahasweta Nagar,
Ujjain-456010 (Madhya Pradesh)

Faculty of technology and engineering - Baroda

Pillais College of architecture - Sector-8, New Panvel - 400 206

Management Institutions

Indian Institute of Forest Management (IIFM) BHOPAL

Watershed Development NGOS

Academy of Development Science, Raigarh

Excellence Education Movement Society Bhopal

Jharneshewar Mahila Bal-Vikas evam Shikshan Samiti Betul

Gram Sudhar Samity Sidhi

Judav Deoghar

Health NGOS

Bharatiya Kushtha Nivarak Sangh (Champa, Dist. Bilaspur, MP) Madhya Pradesh

Sewa Bharati Madhya Pradesh (Bhopal, MP)

Madhya Pradesh

Viklang Sewa Bharati (Jabalpur, MP)

Madhya Pradesh

Employment / Vocational Training NGOS

Women Empowerment NGOS

8.9. Western Plateau & Hill Region (Maharashtra)

Gandhian Studies Centre

North Maharashtra University, Jalgaon
Shivaji University, Kolhapur

Universities having Rural Development / Rural Management etc. Department

Universities With Centre Of Excellence

ICAR Laboratories/Research Institutions

Central Institute for Cotton Research, Nagpur, Maharashtra
Central Institute for Research on Cotton Technology, Mumbai, Maharashtra

Agricultural Universities

Konkan Krishi Vidyapeeth (KKV)	Dapoli 415 712 (Maharashtra)
Marathwada Agricultural University MAU	Parbhani 431 402 (Maharashtra)
Mahatma Phule Krishi Vidyapeeth (MPKV)	Rahuri 413 712 (Maharashtra)
Panjabrao Krishi Vidyapeeth (PKV)	Akola 444 104 (Maharashtra)

IIT

NITs

Visvesvaraya National Institute of Technology, Nagpur

CSIR Laboratories

National Chemical Laboratory (NCL), Pune – 411008
National Environmental Engineering Research Institute (NEERI), Nagpur – 440020

TIFAC Institutions

[Jawaharlal Nehru Medical College](#) Wardha [Interventional Radiology](#)

HEALTH / MEDICAL INSTITUTIONS

Armed Forces Medical College (AFMC), Pune, India (under the ministry of defence)
Bharati Vidyapeeth's New Medical College, Pune

Health Related ICMR Research Institutes/Centres

Microbial Containment Complex (MCC), PUNE
National Institute of Virology (NIV), PUNE
National AIDS Research Institute (NARI), PUNE

Laboratories / Institutions under KVIC

Gram Sewa Mandal, Gopuri, Wardha, Dist. Wardha

Entrepreneurship Development Institutes

Maharashtra Centre for Entrepreneurship Development A-38, MIDC, Near Railway Station, Aurangabad - 431005.

Regional Planning institutions

Schools of Architecture and Planning

Shri Siddheshwar Shikshan Mandals coll of architecture -Siddeshwar peth, Solapur

G S Mandal's Marathawada Institute of technology - Aurangabad - 431005

Vivekanand Institute of technology - Sadashiv Peth, Pune -411 030

Paravara Rural education society - Shrirampur, Ahmednagar 413 713

DY Patil College of Engineering & Technology - Kolhapur, Maharashtra.

Shri Prince Shivaji Maratha boarding House's coll of architecture- Kolhapur, Maharashtra

Visveshwaraya Regional college of engineering - Nagpur

Bharati Vidyapeeth's college of architecture - Pune 411 043

Marathawada Mitra Mandal's college of architecture - Pune 411011

Dr. Bhanuben Nanavati college of architecture for women - Pune -411 052.

Maharashtra

B K P S College of architecture - Pune -411 030. Maharashtra

Lady Amritbai Daga college for women - Nagpur

Priyadarshini college of engineering - Nagpur

Jawaharlal Nehru engineering college -Aurangabad - 431003

BMC's Lalit Kala kendra - Jalgaon Dist 425 107

N D M V P Samaj's College of architecture - Nashik- 422 022

S S E Society's College of engineering and technology - Akola - 444001

Manoharbai Patel Institute of engineering and technology - Gondia-441614

Shri V .B. Patil Trust's college of architecture - Sangli 416 416

Kavikulguru Institute of technology and service - Ramtek 441 106

N T V's college of architecture - Dhule

State level Planning Institutions

Indian Institute of Education, 128/2, J.P.Naik Road, Kothrud, Pune-411 029

Management Institutions

Symbiosis Institute of Business Management (SIBM) PUNE

Symbiosis Centre for Management & HRD (SCMHRD) PUNE

Institute of Management Development and Research (IMDR) PUNE

Symbiosis Institute of Telecom Management (SITM) PUNE

Watershed Development NGOS

Advanced Centre for Water Resources Development and Management, Pune

Bosco Gramin Vikas Kendra Ahmednagar

Deep Griha Society Pune

Development through Resource Organization Planning Pune
 Dharmveer Shikshan Sanstha Amravati
 Dilasa Janvikas Pratisthan Aurangabad Aurangabad
 Gomukh Pune
 Gramayan Pune
 Gramin Shramik Pratishthan Latur
 Gramin Vikas Shikshan Sanstha, Amravati Amravati
 Gramin Vikas Shikshan Sanstha, Latur Latur
 Gramin Vikas Shikshan Sansthan Latur
 Gramseva Tarun Mandal Ahmednagar
 Hit Kalyan Mahila Mandal Wardha
 Jeevan Sanstha Pune
 Lokayat Vishwast Sanstha Beed
 Maharashtra Lok Jagruti Manch Buldhana
 Mahila Samasya Nivaran Mandal Nanded
 Adhar Bahuddheshiya Sanstha , Jalgaon
 Dr G.W. Carver Prakalp and Sheti Sanshodhan Kendra Beed
 Bhartiya Dnyanpith Bahhuuddeshiya Gramin Vikas Sanstha, Yavatmal
 Bhartiya Kashtakari Rayat Sewa Sansthan, Ratnagiri
 Rajachana Krida Shikshan Prasarak Mandal Solapur

Health NGOS

Dr. Babasaheb Ambedkar Vaidyakiya Pratishthan (Aurangabad,	Maharashtra)
Balak Utkarsha Prathisthan, Solapur	Maharashtra
Swami Vivekanand Medical Mission (Nagpur, Maharastra)	Maharashtra
Swami Vivekanand Medical Mission (Nagpur, Maharastra)	Maharashtra
Swami Vivekanand Medical Mission (Nagpur, Maharastra)	Maharashtra
Vanavasi Kalyan Kendra, Talasari, Maharashtra	Maharashtra
Yoga For Masses, Mumbai	Maharashtra

Employment / Vocational Training NGOS

Bharatiya Kushtha Nivarak Sangh (Champa, Dist. Bilaspur, MP)	Madhya Pradesh
SwaRooowardhinee (Pune, Maharashtra)	Maharashtra

Women Empowerment NGOS

Bhagini Nivedita Pratishthan, Pune	Maharashtra
Devi Ahilyabai Smarak Samiti (Nagpur, Maharashtra)	Maharashtra

8.10 Southern Plateau & Hill Region – (Andhra Pradesh, Karnataka, Tamil Nadu)

Gandhian Studies Centre

Universities having Rural Development / Rural Management etc. Department

Andhra	Cooperation and Applied Economics
Sri Krishnadevaraya	Rural Development
Bangalore	Rural Development
Gandhigram Rural Institute	Faculty of Rural Development

Universities with Centre Of Excellence

Madurai Kamaraj University	Genomic Sciences
Karnataka University	Polymer Chemistry
Rashtriya Sanskrit Vidyapeeth, Tirupati	Traditional Shastras

ICAR Laboratories/Research Institutions

Central Research Institute for Dryland Agriculture, Hyderabad, Andhra Pradesh
Indian Institute of Horticultural Research, Bangalore, Karnataka
National Academy of Agricultural Research Management, Hyderabad, Andhra Pradesh
National Institute of Animal Nutrition and Physiology, Bangalore, Karnataka
Sugarcane Breeding Institute, Coimbatore, Tamilnadu

Agricultural Universities

Acharya N.G.Ranga Agricultural University (APAU)	Rajendranagar, Hyderabad, 500 030
Tamil Nadu Agricultural University (TNAU)	Coimbatore 641 003 (Tamil Nadu)
University of Agricultural Sciences (UAS)	P.B. 2477, Herbal Bangalore 560 024
University of Agricultural Sciences (UAS)	Krishi Nagar Dharwad 580005

IIT

NITs

National Institute of Technology, Tiruchirapalli
National Institute of Technology Karnataka, Surathkal
National Institute of Technology, Warangal

CSIR Laboratories

National Geophysical Research Institute (NGRI), Hyderabad - 500007
Central Electrochemical Research (CECRI), Karaikudi – 623006
Indian Institute of Chemical Technology (IICT), Hyderabad - 500007
Central Food Technological Research Institute (CFTRI), Mysore – 570013
Centre for Cellular and Molecular Biology (CCMB), Hyderabad - 500007
National Aerospace Laboratories (NAL), Bangalore - 560017

TIFAC Institutions

Amrita Institute of Technology	Coimbatore	Cyber Security
Aravind Eye Hospital and PG Institute of Ophthalmology	Madurai	Diabetic Retinopathy
Arulmigu Kalasalingam College of Engineering Engineering	Srivilliputtur	Network
JSS College of Pharmacy	Ootacamund	Herbal Drugs
Kumaraguru College of Technology Technology and Machinery	Coimbatore	Textile
Mepco Schlenk Engineering College	Sivakasi	Industrial Safety
PSG College of Technology	Coimbatore	Product Design and Optimization and Collaborative Product Commerce
Shanmugha Arts, Science, Technology and Research Computing Academy (SASTRA)	Thanjavur	Advanced and Information Processing
Thiagarajar Engineering College Technologies	Madurai	Wireless
Vellore Institute of Technology Electronics	Vellore	Automotive
Manipal Academy of Higher Education	Manipal	Pharmacogenomics
MS Ramaiah School of Advanced Studies	Bangalore	Digital Image Processing
Hindustan College of Engineering Maintenance	Padur	Aircraft
Jawaharlal Nehru Technological University	Kukatpally	Environmental geomatics
National Institute of Technology , Karnataka	Surathkal	Industrial Biotechnology

HEALTH / MEDICAL INSTITUTIONS

Christian Medical College & Hospital (CMC), Vellore, Tamil Nadu, India.
Gandhi Medical College, Hyderabad, Andhra Pradesh
K.A.P.Viswanatham Government Medical College, Tiruchirappalli, Tamil Nadu, India
Tirunelveli Medical College (<http://www.nellaimedicos.com>)
Kasturba Medical College (KMC-Manipal), Manipal, MAHE University.
Kasturba Medical College (KMC-Mangalore), Mangalore, Karnataka, MAHE University.
Osmania Medical College, Hyderabad, Andhra Pradesh, India
Sarojini Naidu Medical College
Bangalore Medical College, Bangalore (Managed by Government of Karnataka)
Mysore Medical College (Managed by Government of Karnataka)[363]
Karnataka Institute of Medical Sciences or KIMS, Hubli (Autonomous Institution Managed by Government of Karnataka)

Vijayanagara Institute of Medical Sciences or VIMS, Bellary (Autonomous Institution Managed by Government of Karnataka)
St. John's Medical College, Bangalore (An Autonomous Institution)
M.S.Ramayya Medical College, Bangalore (Private Medical College)
Kempegowda Institute of Medical Sciences, Bangalore (Private Medical College)
Ambedkar Medical College, Bangalore (Private Medical College)
Siddhartha Institute of Medical Sciences, Tumkur (Private Medical College)
Bapuji Medical College, Davangere (Private Medical College)
Jawaharlal Medical College, Belgaum (Private Medical College)
HKE Society's Medical College, Gulbarga (Private Medical College)
BLDE Society's Medical College, Bijapur (Private Medical College)
JSS Medical College, Mysore (Private Medical College)
Christian Medical College, Vellore (An Autonomous Institution)
Fr Mullers Medical College, Mangalore (Private Medical College)
Adichunchanagiri Medical College, Bellur (Private Medical College)
Pushpagiri Medical College, Thiruvalla, (Private Medical College)

Health Related ICMR Research Institutes/Centres

National Institute of Nutrition (NIN), HYDERABAD
National Centre for Laboratory Animal Science (NCLAS), HYDERABAD
Food and Drug Toxicology Research Centre (FDTRC), HYDERABAD
Centre for Research in Medical Entomology (CRME), MADURAI

Laboratories / Institutions under KVIC

Dharwad Taluka Heballi Ksetiya Seva Sangh. Magalwarpet, Dharwad Dist.
Karnataka Khadi Gra, Sangh, Old Darbargalli, Bujapur- 586 101
Karnataka Sarvodaya Sangh, 78, Ranga rao Raod, Shankarpuram, Bangalore- 4.
Karnataka Khadi Gra, Samyuktha Sangh (federation), Beneri, Hubli- 580 023.
Khadi & Gramodyog Sahakari Utpadak Sangh Ltd, Hubli. Tq. Belgaum
Shri Allamprabhu khadi Gramodyog Mattu Shiksham Samastha, Terdal, dist. Bijapur
Khadi Gramodyoga Sangha, Annapura, Dist. Tumkur
Nandi Khadi Gramodyoga Sangha, Malamachanahalli, Dist. Kolar
Bhagyanagar Khadi Samiti, Hyderabad.
Grama Parisramala Sangham, Dharmavaram
Guntur Zilla Khadi Gramodyog Sanastha, Guntur.
Gram Swarajya Sangham, Srikakulam
Virudhunagar Sarvodaya Sangh, H.O. Virudhunagar – 626 001
Padiyur Sarvodaya Sangh, Padiyur – 638701, Erode District
Khadi Workers Cooperative Producers Khadi Society, Ron, Dist. Gadag
Metpalli Khadi Gramodyog Pratistan, Metpalli.
Resham Khadi Gramodyog Sangham, Dharmavaram.
Sri Satya Sai Gramodaya Khadi Silk Parisramala-Sangham, Puttaparthi.

Entrepreneurship Development Institutes

Centre for Entrepreneurship Development of Karnataka Laxmi Nagar,
Vidyagari, Dharwad-580004, Karnataka.

Centre for Entrepreneurship Development, CED-SIPPO Campus No.4, T. B. Road, Madurai - 625010.

Centre for Entrepreneurship Dev., An Undertaking of Assn. of Lady Entrepreneurs of Andhra Pradesh, 3-5-1091/15, Narayanguda, Hyderabad - 500029.

Regional Planning institutions

Southern Regional Centre, Hyderabad covering Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, and the Union Territories of Lakshadweep and Pondicherry.

Schools of Architecture and Planning

School of Planning and architecture - Jawaharlal Nehru technological university, Mahavir marg, Hyderabad-500028

B M S College of engineering - Bangalore -560 019

Dayanand Sagar College of engineering - Kanakapura road, Bangalore 560078

R V College Of engineering - Bangalore - 560059

Manipal Institute of technology - Manipal 576119

Banglore Institute of technology - Visveswara puram, Bangalore 560 004

BLDE Association's college of engineering and technology - Bijapur 586103

Siddagana Institute of technology - Tumkur 572103

Maland college of engineering - Hasan 573201

B V Bhoomraddi college of engineering and technology - Hubli -580031

University Visveswaraya college of engineering - Janana Bharati campus, Bangalore city.

Malik Sandal Institute of Art and architecture - Bijapur 586 101

M S Ramaiah institute of technology - Bangalore 560054

Mohamed Sathak engineering college - Kilakarai -623806

Periyar Manimmai college of technology for women - Thanjavur 613 403

Arulmigu Meenakshi Amman college of engineering

Regional engineering college - Tiruchirapalli 620 015

Thiagarajar college of engineering - Madurai -625 015

Adhiyamann College of engineering - Hosur

Hindustan College of engineering - Chinglepet District- 603103

P D A college of engineering - Gulbarga 585102

State level Planning Institutions

Institute for Social & Economic Change Nagarbhavi, Bangalore-560 072 (Karnataka)

Institute of Public Enterprise, Osmania University Campus, Hyderabad-500 007 (A.P.)

Council for Social Development Southern Regional Office, Plot No.230, Shiva Nagar Colony, Hydderguda Village, Rajendranagar Road, Bahadurpura Post Office, Hyderabad-500 064

Centre for Economic & Social Studies, Nizamia Observatory Campus, Begumpet, Hyderabad-500 016 (Andhra Pradesh)

Centre for Multi-Disciplinary Development Research, D.B. Rodda Road, Jubilee Circle, Dharwad – 580001 (Karnataka)

Management Institutions

Indian School of Business (ISB), HYDERABAD
IIM Bangalore (IIMB) BANGALORE
T. A. Pai Management Institute (TAPMI) MANIPAL
Xavier Institute of Management & Entrepreneurship (XIME) BANGALORE
Department of Management Studies, IISc Bangalore (IISc) BANGALORE
Bharathidasan Institute of Management (BIM) TRICHY

Watershed Development NGOS

Aasha Social Welfare Association, Hyderabad
Academy of Human Environment and Development, Hyderabad
Action for Social and Educational Development Association, Kolar
Action for Water Development Mysore Society
Bangalore
Afdoul, Tiruchirapalli
Akshara Network for Development Support Services , Hyderabad
Andhra Pradesh Mahila Samaj Samiti, Hyderabad
Andhra Pradesh Social Service Centre, West Godavari
AWWA, Hubli
Biosphere Foundation, Pudukottai
Board, Hyderabad
C. P. R. Environmental Educational Centre Chennai
Centre for Economic and Social Studies Hyderabad
Centre For Improved Rural Health And Enviromental Protection Nilakottai
Centre to Actuate the Rural and Environment Tiruchirapalli
Development Initiative for Social Development Bangalore
Dr. Reddy's Foundation (DRF) Hyderabad
Foundation for Fisheries Welfare and Management Pudukottai
Grama Vikasa Vidya Samsthe Bijapur
Janvikas Society Kurnool
Kannada Jyothi Education Society Bangalore
Karnataka Science Education and Research Foundation Bangalore
Serene Secular Social Service Society Dindigul
Yuvak Vikas Kendra, Karnataka, Bijapur
Ramalingeshwar Gram Abhivruddhi Sangh Belgaum
Arogyavaram Development Society, Chittoor
Bharathamatha Mahila Mandali, Chittoor
Bhavani Seva Sansthan, Rajsamand
Centre for Rural Youth Development Achampet
Centre For World Solidarity Secunderabad
Chaitanya Rural Education and Development Society Anantapur
Christa Sharan Social Development Society Chikmangalur
Health Education Agriculture Development Society, Ananthapur Anantapur
Krishna Teere Rayath Sangh Jamkhandi

Health NGOS

A.V.M.S.G.D.P.S. Samithi (Kumbakonam,TN) , Tamil Nadu
Atma Darshan Yogashram (Bangalore) , Karnataka

Development & Welfare Association of the Blind (Nalgonda, AP) , Andhra Pradesh
Prajaka Seva Trust (Bangalore, Karnataka) , Karnataka
Rashtrrothan Parishat (Bangalore, Karnataka) , Karnataka
Sri ChennaKeshava Trikutachala, Benglore Karnataka , Karnataka
sVYASA , Karnataka
Swami Vivekananda Yoga Anusandhana Samsthana, Bangalore , Karnataka
The Association of People with Disability, Bangalore , Karnataka
The Ayurvedic Trust (Coimbatore, TN) , Tamil Nadu

Employment / Vocational Training NGOS

Arun Chetana / Hindu Seva Pratishthana (Bangalore)	Karnataka
Bharath Cultural Trust (Trichirappalli, TN)	Tamil Nadu
Development & Welfare Association of the Blind (Nalgonda, AP)	Andhra Pradesh
Hindu Seva Pratishthana (Bangalore, Karnatka)	Karnataka
Sewa-in-Action, Bangalore, Karnataka	Karnataka

Women Empowerment NGOS

Prabodhini Trust (Bangalore, Karnataka)	Karnataka
Smt. Misri Bai Kedia Charitable Trust (Hyderabad, AP)	Andhra Pradesh

8.11. East Coast Plains & Ghats Region – (Coastal Region of Tamil nadu, Andhra Pradesh, Orissa)

Gandhian Studies Centre

Annamalai University, annamalainagar

Universities having Rural Development / Rural Management etc. Department

Universities With Centre Of Excellence

Anna University

Environmental Sciences

ICAR Laboratories/Research Institutions

Central Institute of Brakishwater Aquaculture, Chennai, Tamilnadu

Central Institute of Freshwater Aquaculture, Bhubaneswar, Orissa

Central Rice Research Institute, Cuttack, Orissa

Agricultural Universities

Orissa University of Agriculture & Technology (OUA&T) Bhubaneswar 751 003

Tamil Nadu Veterinary & Agricultural Sciences University (TNV&ASU) Madras 600 007

IIT

IIT Chennai (Madras)

NITs

CSIR Laboratories

Regional Research Laboratory (RRL,BHU), Bhubaneshwar – 751013

Structural Engineering Research Centre (SERC-C), Madras – 600113

Central Leather Research Institute (CLRI), Madras - 600020

TIFAC Institutions

[Velammal Engineering College](#) Chennai [Pervasive Computing Technologies](#)

HEALTH / MEDICAL INSTITUTIONS

Andhra Medical College, Visakhapatnam, Andhra Pradesh

Madras Medical College, Chennai (Managed by Government of Tamilunadu)

Stanley Medical College, Chennai (Managed by Government of Tamilunadu)

Kilpauk Meidcal College, Chennai (Managed by Government of Tamilunadu)

Health Related ICMR Research Institutes/ Centres

Tuberculosis Research Centre (TRC), CHENNAI
National Institute of Epidemiology (NIE), CHENNAI
Vector Control Research Centre (VCRC), PONDICHERRY

Laboratories / Institutions under KVIC

Entrepreneurship Development Institutes

Institute of Entrepreneurship Development, Orissa, 290, Satya Nagar, Bhubaneswar.

Regional Planning institutions

Schools of Architecture and Planning

College of Engineering - Andhra university, Visakhapatnam -530003
Pilo Mody College of Architecture - Cuttack 753012.
College of Engineering & technology - Bhubaneswar 7510053
Dr. M G R Engineering college - Maduravoyal, Chennai-602102
Sathyambama engineering college - Jeppiaar nagar, Chennai -600 096
S R M Engineering college -Kattankulathur, Chengai-Anna District -603203, TN.
Bharat Institute of science and technology - Chennai 600 073

State level Planning Institutions

Management Institutions

Xavier Institute of Management Bhubaneswar (XIMB) BHUBANESHWAR
Institute for Financial Management & Research (IFMR) CHENNAI
Department of Management Studies, IIT Madras (IITM) CHENNAI

Watershed Development NGOS

Asha Nayakam Seva Sangha, Cuttack
Association for Village Improvement Needs and Action Against Slavery and Hunger
(AVINAASH), Visakhapatnam
Bless, Cuddalore
MAITREE Bhubaneswar

Health NGOS

Sri P. N. Narayana Sastrigal Meru Trust (Chennai TN)
Sri Rama Dhanushkodi Abhaya Anchaneyar Seva Trust (Rameshwaram, TN)

Employment / Vocational Training NGOS

Grama Kovil Poojarigal Peravai (Chennai, TN) Tamil Nadu

Women Empowerment NGOS

8.12. West Coast Plains & Ghat Region – (Kerala, Karnataka, Maharashtra)

Gandhian Studies Centre

Mumbai University, Mumbai
Kerala University, Thiruvananthapuram

Universities having Rural Development / Rural Management etc. Department

Universities With Centre Of Excellence

Cochin University of Science & Technology Laser & Opto-electronic Science & Technology

ICAR Laboratories/Research Institutions

Central Marine Fisheries Research Institute, Kochin, Kerala
Central Plantation Crops Research Institute, Kasaragod, Kerala
Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala
ICAR Research Complex For Goa, Ela Old, Goa
Indian Institute of Spices Research, Calicut, Kerala

Agricultural Universities

Kerala Agricultural University (KAU) Vellanikkara, Trichur 680 654 (Kerala)

IIT

IIT Mumbai (Bombay),

NITs

National Institute of Technology, Calicut

CSIR Laboratories

National Institute of Oceanography (NIO), Goa - 403004
Regional Research Laboratory (RRL, TVM), Thiruvananthapuram - 695019

TIFAC Institutions

Amrita Vishwa Vidyapeetham	Kollam	Biomedical Technology
National Institute of Industrial Engineering	Mumbai	Ergonomics and Engineering
Human Factors		

HEALTH / MEDICAL INSTITUTIONS

Calicut Medical College, Kerala, India.
Grant Medical College, Mumbai
JIPMER, Pondicherry, Autonomous under Central Govt.
Lokmanya Tilak Municipal Medical College, Mumbai
Seth Gordhandas Sunderdas Medical College, Mumbai

Trivandrum Medical College, Trivandrum (Managed by Government of Kerala)
Kottayam Medical College, Kottayam (Managed by Government of Kerala)

Health Related ICMR Research Institutes/ Centres

National Institute for Research in Reproductive Health (NIRRH), MUMBAI
Institute of Immunohaematology (IIH) , MUMBAI
Enterovirus Research Centre (ERC) , MUMBAI
Genetic Research Centre, MUMBAI

Laboratories / Institutions under KVIC

Changanachery Social Service, Society, P. B. No. 20, Arch Bishop's house,
Kottayam, Changanachery
Kerala Khadi & V.I. Association, Avaniseri, Ollur, Trichur
Kozhikode Sarvodaya Sangh, Khadi Gram, S.M. Street, Kozhikode
G.S.G.S. Kendram, Nanthiattukunnam, Ernakulam

Entrepreneurship Development Institutes

Kerala Industrial & Technical Consultancy Organisation Ltd., Shema Building, M. G.
Road, Cochin - 682016.

Regional Planning institutions

Western Regional Centre, Mumbai covering Gujarat, Maharashtra, Goa and the
Union Territories of Daman and Diu, Dadra and Nagar Haveli.

Schools of Architecture and Planning

Goa college Of architecture - Campal, Panaji, Goa-403001
Kamla Raheja Vidyanidhi institute for architecture and environmental studies - Juhu
scheme, Mumbai -400032
Academy of architecture - Prabhadevi, Mumbai - 400025
Sir J J College of architecture - D.N.Road, Mumbai - 400001
Dr. DY Patil college of architecture - CBD, New Mumbai -400 614
Rizvi College of architecture - Rizvi Complex, Bandra, Mumbai 400 050
L B H S S Trust's college of architecture - Mumbai
Bharati Vidyapeeth's college of architecture - near Konkan Bhavan, CBD, New
Mumbai- 400614
L S Raheja school of architecture - Bandra, Mumbai - 400 050
Regional engineering college - Calicut - 673 601.
College of engineering - Trivandrum
T K M College of engineering - Quilon-691 005.

State level Planning Institutions

Centre for Development Studies, Prasanthanagar Road, Ulloor, Thiruvananthapuram-
695 011 (Kerala)

Management Institutions

Goa Institute of Management (GIM) PANJIM
IIM Kozhikod (IIMK) KOZHIKODE
IIM Indore (IIMI) INDORE
Jannalal Bajaj Institute of Management Studies (JBIMS) MUMBAI
National Institute of Industrial Engineering (NITIE) MUMBAI
Shailesh Mehta School of Management, IIT Powai (IITB) MUMBAI
S.P. Jain Institute of Management & Research (SPJIMR) MUMBAI
Tata Institute of Social Sciences (TISS) MUMBAI
Narsee Monjee Institute of Management Studies (NMIMS) MUMBAI
K. J. Somaiya Institute of Management Studies & Research MUMBAI
Prin L N Welingkar Institute of Management Development & Res. MUMBAI
S.I.E.S College of Management Studies MUMBAI
Chetana's R.K. Institute of Management and Research MUMBAI

Watershed Development NGOS

Venu Madhuri Mumbai

Health NGOS

Eye Bank Coordination and Research Centre (Mumbai, Maharashtra)	Maharashtra
Shrimad Rajchandra Rahat Nidhi Trust, Mumbai	Maharashtra
Swami Vivekananda Medical Mission (Mutil, Wayanad, Kerala)	Kerala
Vivekananda Medical Mission (Wynad, Kerala)	Kerala

Employment / Vocational Training NGOS

Women Empowerment NGOS

Surendranagar Jilla Sarvodaya Vikas mandal, Gharshala Road, At.Po. Jorawarnagar,
Tal. Wadhwan Sist. Surendranagar.

Entrepreneurship Development Institutes

Entrepreneurship Development Institute of India Ahmedabad (Near Village Bhatvia
Ahmedabad Airport & Indira Bridge), P. O. Chandkhada - 382424, Gujarat.

Regional Planning institutions

Schools of Architecture and Planning

D C Patel school of architecture - Gujarat

School of Architecture centre for environment planning and technology -
Nevrangpura, Ahmedabad 380009

Sushant School of Arts and architecture - Sushant lok, Gurgaon - 122001

State level Planning Institutions

Centre for Social Studies, South Gujarat University Campus, Udhna-Magdalla
Road, Surat-395 007 (Gujrat)

Sardar Patel Institute of Economic and Social Research, Thaltej Road, Ahmedabad-
380 054 (Gujrat)

Gujarat Institute of Development Research, Sarkhej, Gandhinagar Highway, Gota
Char Rasta, P.O. High Court, Gota, Ahmedabad-380 060 (Gujrat)

Management Institutions

IIM Ahmedabad (IIMA) AHMEDABAD

Mudra Institute of Communication Ahmedabad (MICA) AHMEDABAD

Nirma Institute of Management (NIM) AHMEDABAD

Institute of Rural Management Anand (IRMA) ANAND

Management Development Institute (MDI) GURGAON

Watershed Development NGOS

Catholic Church Lok Sewa Kendra Vadodara

Gram Maha Vidyalaya Bhavnagar

Gram Swaraj Shikshan Kendra Rajkot

Udgam Charitable Trust Gandhinagar

Lok Seva Anusuchit Jan Jati Khadi Gram Udyog Mandal Ahmedabad

Kutch Mahila Vikas Sanghatan Bhuj

The Trust for Environment and Cultural Heritage Amreli

Health NGOS

Bharat Vikas Parishad (Delhi) Gujarat

NASA Foundation- Ahmedabad Gujarat

Smt. SVM Charitable Trust- Surendranagar Gujarat

Employment / Vocational Training NGOS

Women Empowerment NGOS

Mahila Swavalamban Kendra (Ahmedabad, Gujarat)

Gujarat

8.14. Western Dry Region – (Rajasthan)

Gandhian Studies Centre

Universities having Rural Development / Rural Management etc. Department

Universities with Centre of Excellence

ICAR Laboratories/Research Institutions

Central Arid Zone Research Institute, Jodhpur, Rajasthan

Central Institute for Arid Horticulture, Bikaner, Rajasthan

Central Electronics Engineering Research Institute (CEERI), Pilani – 333031

Agricultural Universities

Rajasthan Agricultural University (RAU) Bikaner 334 001 (Rajasthan)

IIT

NITs

Malaviya National Institute of Technology, Jaipur

Dr B R Ambedkar National Institute of Technology, Jalandhar

CSIR Laboratories

TIFAC Institutions

HEALTH / MEDICAL INSTITUTIONS

Health Related ICMR Research Institutes/ Centres

Laboratories / Institutions under KVIC

Khadi Gr. Sathan Vikas Samiti, Bassi, Bassi, Jaipur

Kshetriya Khadi Gr. Samiti, Dausa

Entrepreneurship Development Institutes

Entrepreneurship Development & Management Institute, Jaipur, Rajasthan.

Regional Planning institutions

Schools of Architecture and Planning

Malviya Regional engineering college - Jaipur 302 017

Zakir Hussain college of engineering and technology - Aligarh 202 002

State level Planning Institutions

Institute of Development Studies, 8-B, Jhalana Institutional Area, Jaipur-302 004
(Rajsthan)

Management Institutions**Watershed Development NGOS**

Action for Environment Conservation, Udaipur

Gandhi Vikas Samiti Jaipur

Lok Seva Samiti Bharatpur

Mahila Hast Shilp Samiti Bikaner

Brahmagiri Development Forum Brahmagiri

Health NGOS**Employment / Vocational Training NGOS****Women Empowerment NGOS**

Chaudhry Charan Singh Girl's Hostel (Sikar, Rajasthan) Rajasthan

Dayanand Mahila Shikshan Sansthan (Jhunjhunu, Rajasthan) Rajasthan

Grameen Mahila Shikshan Sansthan (Sikar, Rajasthan) Rajasthan

8.15. The Islands Region

ICAR Laboratories/Research Institutions

Central Agricultural Research Institute, Port Blair CARI

Watershed Development NGOS

Centre for Island Ecology, Andaman and Nicobar Environmental Team Port Blair

Ch 9 : ORGANISATIONAL STRUCTURE OF THE IUC-RD

9.1 EXECUTIVE HUB

It is proposed that an university-based executive hub should be the activating force for the IUC-RD.

In view of the need to cover 18 Agro-Climatic Regions, a hub and spokes model will be the most appropriate.

Thus the natural choice of the Executive is:

- The members of the Executive will be the coordinators of the Regional Platforms for Knowledge Connectivity.

Since the leadership for knowledge connectivity for each agro-climatic region is expected to be provided by a nodal institution from the concerned region these executives are expected to be the Vice-Chancellors/Directors of these institutions or their nominees.

- The Chairperson for the Executive will be an outstanding rural development expert

9.2 REGIONAL HUBS

By region we mean roughly an agro-climatic region though this classification might undergo mild changes from the point of view of geo-political administrative convenience. In the formative phases the regions could simply mean the regions indicated in section 6.1.

At any rate the regional classification is from the point of view of natural resources and supportive climates – both natural and man-made. For the chosen region there will be a regional hub (Regional Platform for Knowledge Connectivity). We can Executive and Council. The Executive will consist of sectoral, institutional representatives.

The sectors are concerned of the following:

- Agricultural and natural resources (primary sector)
- Scientific and industrial sector
- Enterprise sector including banking, service and business
- NGO farmers groups sector
- Frontline institutions of the region representing the above sector will be associated into the regional hub. Physical location of the regional hub will be in an institute which has the maximum credentials for being called a regional development institute. The Executive of the regional hub will thus made up of the Coordinators of respective institutions. The first Chairperson of each regional hub will normally be a chief of the institutions where regional hub is functioning.

Further, there will be a regional council consisting of representative of wider set of institutions who would like to be active participants of the regional hub. In this council there

could be more than one institution belonging to one category. Further, there will also be membership from agencies which are stakeholders of the region's development. Thus it could be banks, industries, NGOs, citizen forums, special government offices, local governments etc.

9.3 LINKAGE BETWEEN THE IUC AND ITS REGIONAL HUBS

Basic linkage between the regional hubs and IUC will be through the representation in the Executive of IUC. The decision of IUC is expected to be in tune with the needs of the region and further the style of implementation of IUC could be modulated by the variations of the boundary conditions of each region. This model also could provide the scope for innovations of various regions to be considered as a central hub for implementation at national level. Further, it will also help minimizing efforts in the formulation of modules that are applicable to all regions.

Ch 10 : STAFFING AND FUNCTIONALITY

10.1 STAFFING OF THE IUC

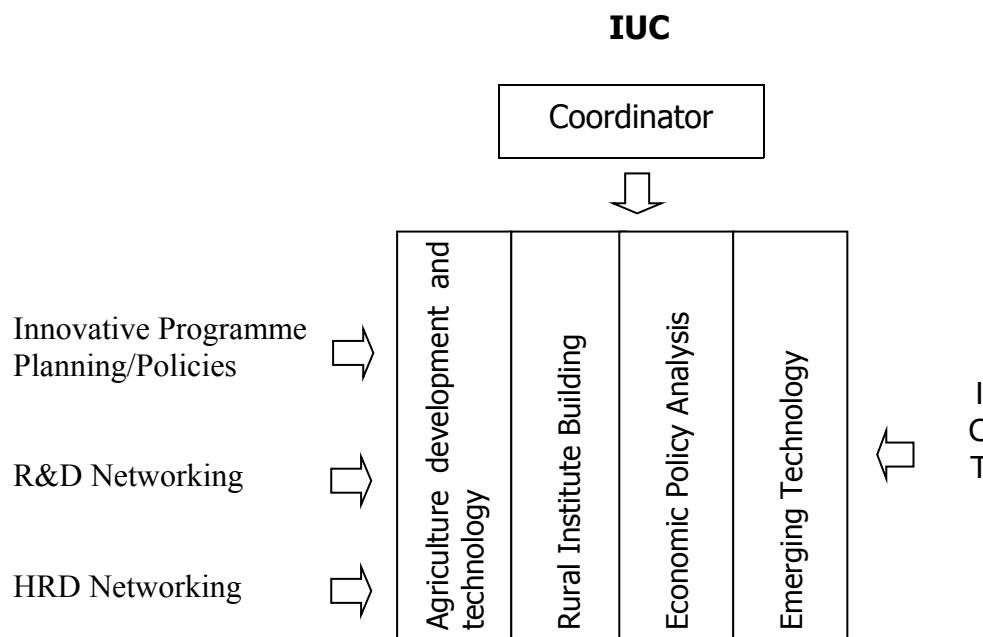
The staffing of the IUC will be in terms of the following specialization:

- Agriculture development and technology
- Rural institute building
- Economic policy analysis
- Emerging technology and Networking Group

For each of the above avenue there will be experts/functionaries in charge with the following functional specialization/responsibility:

- Innovative programme planning/policies
- R&D networking
- HRD networking

Besides the above there will be an ICT support unit which in turn will work in collaboration with national agencies like Edusat, CEC etc. and their regional counterparts and private enterprises and made available all the IUC supports to make the networking process successful.



10.2 STAFFING OF THE REGIONAL HUB

The staffing of the regional hub will be based on progress and will consist of project based support to existing institutions.

UNIVERSITY GRANTS COMMISSION

Meeting : IUG -NRDC
Venue : UGC Office
Date : 10.1.2007

Minutes of the meeting of the Committee set up by the UGC for the IUC for Rural Development held on January 10, 2007 in the office of the UGC, New Delhi.

The following attended:

1. Professor Y.K. Alagh Chairman
2. Professor Abhijit Sen

Shri V.S Sampath and Prof. Briz Kishore could not attend the meeting.

Dr. T. Karunakaran, Vice-Chancellor, Gandhigram Rural Institute, Gandhigram has sent his comments for consideration since he could not be present on account of some urgent work at Gandhigram.

The Committee resolves as under:

1. It was decided that UGC would set up an IUC for Rural Development. The Centre would be located in a University which has strong interest in agriculture and rural development.
2. The objective of the Centre would be as follows:
 - a) To serve as a National Hub by net-working regional platforms for knowledge connectivity for rural development;
 - b) To help evolve plans and policies for rural development by research, training and demonstration and create packages of social technologies, physical technologies and economic policy strategies for various agro-climatic regions;
 - c) To facilitate development of techno-managerial cadres needed for the rural development plans of the country -and to this end create innovative academic programmes. At the same time, evolve HRD package (including training) suitable for the development of each region;
 - d) To work out S&T intervention modules, particularly for the development leap-frogging of the backward regions, by synergizing the resources that are available with various stake holders like UGC,ICAR, CSIR, industries, ISRO, NGOs and private sector institutions.
 - e) To help create special institutional structures and schemes for nurturing leadership in regional development/entrepreneurship with special focus on most backward regions;
 - f) To create new 'regional development universities', particularly in most backwards agro-climatic regions where networking of institutional-mix is not feasible because of non-availability of the requisite infrastructure and skills at present.
3. Some of the major skills to be developed and net-work may include:
 - i) Agricultural Development Technologies
 - ii) Rural Institution Building Skill
 - iii) Economic Policy Analysis Skill

- iv) Newer technological skill like use of space technologies, bio-technology, information technology and networking.

The need for such a Centre would be spelt out for each of these major areas with contemporary examples. The example of economic strategies could come from the approach paper of the XI Plan and the concept of a road-map for each crop as developed by the National Commission of Farmers. Examples of rural institution building skill could be given from the material submitted to the Committee by institutions like N.M. Sadguru Water & Development Foundation, Dahod, Gujarat, Krishi Vigyan Kendra, Rahata, Dist. Ahmednagar, CEPT University, Ahmedabad and National Dairy Development Board, Anand etc.

The need for such skills is well known. The report could give for illustrative purposes an example of each.

4. Examples of the Institutional technological skills could be given from the Indian Society of Agricultural Economic and ISRO seminars on Space Technology and the Parthasarathi Committee on Technical aspects of development of dry land region. Information technology and net-working from the e-chaupal and the Krishi Vigyan Kendra at Rahata. Examples of agricultural technology development application could be taken from the National Commission on Farmer's report.
5. The organizational structure of the proposed IUC would be in term of a University based executive hub and a larger hub which would include institutions like ICAR, CSIR, ISRO ICSSR, NIRD, NDDDB, Agro Economic Research Centres and IRMA.
6. The immediate governance of the IUC would be the executive hub which would have selected representatives from the University System.
7. A larger hub representatives of collaborating institutions would also be created.
8. The IUC would have staff in each of the Sections listed in para 3 above.
9. The staff itself would be of a very thin kind basically to service the hub and collaborating research and training programmes. Each section may consist of 1-3 professionals and a strong information technology support system.
10. The training and research efforts of the IUC would be of a collaborative kind. The collaborating institutions would be expected to contribute matching financial resources.
11. The Inter University Centre would develop nodal institutions in each of the 18 Agri-climatic regions of India. These nodal institutions would in turn work at the sub-regional levels and support networks for the solution of the research and training programmes outlined by the IUC.
12. In some of the most backward sub-region the IUC may consider setting up de-novo institutions for achieving its objectives.

It was decided that the Members of the Committee and the Chairman would be requested to send information bye-mail for each of the paras listed above. The Chairman in consultation with the Vice-Chancellor, Dr. T. Karunakaran would finalize a structure of the report in which this material will be integrated and the draft report circulated for comments of the Committee.

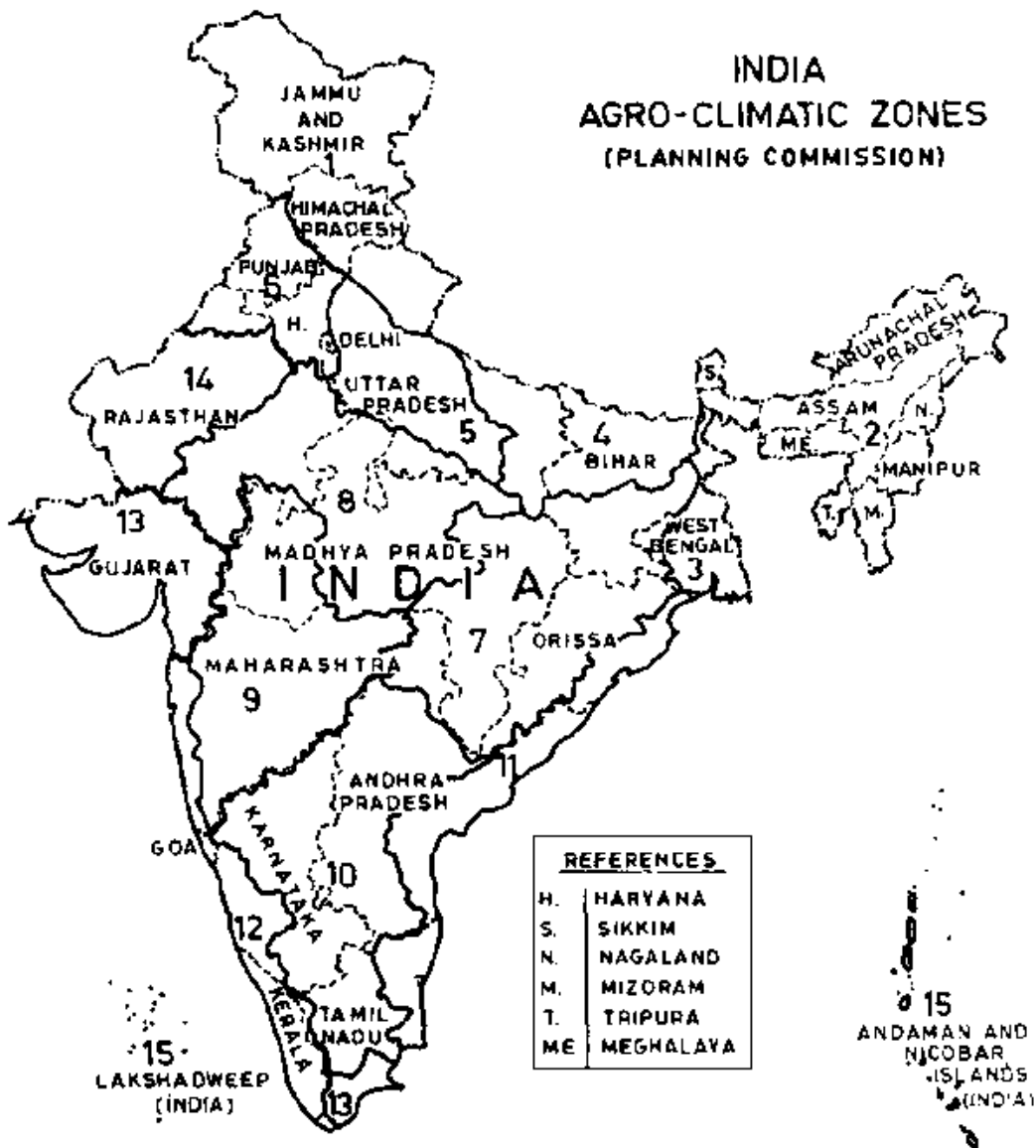


Fig. Agro-

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Western Himalayan Region 2. Eastern Himalayan Region 3. Lower Gangetic Plains Region 4. Middle Gangetic Plains Region 5. Upper Gangetic Plains Region 6. Trans-Gangetic Plains Region 7. Eastern Plateau & Hills Region 8. Central Plateau & Hills Region | <ol style="list-style-type: none"> 9. Western Plateau & Hills Region 10. Southern Plateau & Hills Region 11. East Coast Plains & Hills Region 12. West Coast Plains & Ghats Region 13. Gujarat Plains & Hills Region 14. Western Dry Region 15. The Islands Region |
|---|---|

climatic zones of India as recognised by the Planning Commission (Sehgal *et al.*, 1990)

SPECIAL STUDY CENTRE IN UNIVERSITIES UNDER THE UGC

List of Gandhian Studies Centre

1. North Maharashtra University, Jalgaon
2. Bhavnagar University, Bhavnagar
3. Annamalai University, annamalinagar
4. Mumbai University, Mumbai
5. Kerala University, Thiruvananthapuram
6. Rabindra Bharati University, Kolkata
7. Sardar Patel University, vallabh Vidyanagar
8. Kurukshetra University, Kurukshetra
9. Shivaji University, Kolhapur
10. Vidyasagar University, Midnapore
11. Ch.Charan Singh University, Meerut
12. Manipur University, Manipur
13. North eastern Hill University, Shillong
14. Dr Bhim Rao Ambedkar University, Agra

List of Ambedkar Studies Centre

1. Kuvempu University, Shimoga
2. Kurukshetra University, Kurukshetra
3. Jadavpur University, Calcutta
4. Bangalore University, Bangalore

List of Buddhist Studies Centre

1. Banaras Hindu University, Varanasi
2. M.L.Sukhadia University, Udaipur

List of Nehru Studies Centre

1. Pondicherry University, Pondicherry
2. Aligarh Muslim University, Aligarh
3. Himachal Pradesh University, Shimla

Universities having Rural Development / Rural Management etc. Department

S. No.	State / University	Department / Faculty
	<u>Andhra Pradesh</u>	
1	Andhra	Cooperation and Applied Economics
2	Sri Krishnadevaraya	Rural Development
	<u>Bihar</u>	
3	T.M. Bhagalpur	Rural Economic and Cooperation
	<u>Haryana</u>	
4	Maharshi Dayanand	Rural Development
	<u>Karnataka</u>	
5	Bangalore	Rural Development
	<u>Madhya Pradesh</u>	
	M.G. Chitrkoot Gramoday Vishwavidyalaya	Faculty of Rural Reconstructon
	<u>Tamil Nadu</u>	
	Gandhigram Rural Institute	Faculty of Rural Development
	<u>Uttar Pradesh</u>	
	University of Bundeldhand	Rural Economics & Cooperation
	Dayal Bagh Educational Institute	Business Management
	<u>West Bengal</u>	
	Vidyasagar	Economics with Rural Development
	Vihna - Bharati	Centre for Rural Studies

Subjects relating to Rural

1. Rural Development
2. Rural Development and Cooperation
3. Rural Development and Extension
4. Community and Rural Development
5. Rural Development and Appropriate Technology
6. Rural Management Studies
7. Rural Banking
8. Rural Economics
9. Rural Industrialization
10. Rural Fine Arts
11. Rural Reconstruction and Village Development
12. Rural Marketing
13. Rural Service
14. Rural Society
15. Rural Studies
16. Rural Economics and Cooperation
17. Rural Economics and Extension Education
18. Rural Industries and Management

- 19. Rural Planning
- 20. Rural Sociology and Community Development
- 21. Rural Sociology
- 22. Rural Technology

Discipline Area	Subjects
i. Science & Technology	<ul style="list-style-type: none"> • Food Science and Quality Control • Biotechnology • Biological Techniques & Specimen Preparation • Seed Technology & Seed Production • Fish & Fisheries • Still Photography & Audio Production • Information Technology • Aromatic & Medicinal Plants • Sericulture Management • Plant Biotechnology • Aquaculture • Fish Production & Management • Ecology & Environment • Dairy Sciences • Early Childhood Care & Education • Health / Rural Sanitary Programmes • Rural Health Care • Medical Attendance • Soil Conservation & Water Management
ii. Engineering & Technology	<ul style="list-style-type: none"> • Electronic Equipment Maintenance • Electrical Equipment Maintenance • Environment & Water Management • Management of Land, Water and other Resources • Rural Infrastructural Engineering • Agricultural Machinery & Implements • Post Harvest Technology & Agro Processing • Non – Conventional Energy Management • Rural Water Treatment • Irrigation Engineering • Agriculture Mechanization • Integrated Health • Leather & Animal Based Technology • Micro-level Planning
Arts, Humanities and Social Sciences	<ul style="list-style-type: none"> • Rural Handicrafts • Early Childhood Care & Education • Food & Nutrition • Rural Sociology • Tribal Development • Women Development • Rural Housing and Sanitation • Performing Arts and Rural Awareness • Extension Methods & Techniques • Transfer of Technology and Development • Village Crafts • Handlooms & Textiles • Printing • Commercial Arts

<p>i. Commerce, Economics and Management</p>	<ul style="list-style-type: none"> • Principles and Practices of Insurance • Computer Applications • Management of Delivery Systems • Micro-level Planning • Panchayatraj Administration • Rural Project Management • Population Studies • Agro-industrial Management • Rural Development • Rural Cooperatives & Marketing • Rural Financial Services • Planning and Promotion of Agro-based Enterprises • Project Planning, Implementation, Monitoring and Evaluation of Rural Development Programmes • Legal Procedures & Practices • Family Law • Arbitration • Empowerment of Rural Women • Management of Micro Enterprises for Rural Women • Planning and Management of Self – Employment Projects • Participatory Micro-level Planning • Community-level Disaster Mitigation and Preparedness • Social Development and Human Rights • Social Equity and Social Justice in Rural Areas • Gender Strategy for Sustainable Livelihoods • Social Development in Rural Areas : Strategies and Programmes • Rural Informatics Management • Rural Water Supply & Healthcare Management
<p>ii. Subjects relevant to Agro-based, Rural, Hilly Tribal areas</p>	<ul style="list-style-type: none"> • Agro Services • Domestic Animal Farming • Forestry & Wildlife Management • Hill Agriculture • Non-Conventional Energy Sources • Dryland Agriculture • Silviculture • Sericulture • Integrated Development of Rain fed/ Irrigated Watershed Areas • Waterland Utilisation and Management • Anti-Water Logging and Drainage of Soils • Land Reclamation • Farmers Participation • Horticulture Techniques • Floriculture, Landscaping & Bee keeping • Poultry Farming • Plant Protection • Processing of Agro-forest Produce • Mushroom Cultivation • Fish Processing Technology • Sheep & Goat Husbandry

UNIVERSITIES WITH CENTRE OF EXCELLENCE

Name of the University	Area of Specialization
1. Punjab University	Biomedical Sciences
2. Guru Nanak Dev University	Sports Sciences
3. Cochin University of Science & Technology	Laser & Opto-electronic Science & Technology
4. Madurai Kamaraj University	Genomic Sciences
5. Himachal Pradesh University	Himalayan Studies
6. Sardar Patel University	Applied Polymers
7. Allahabad University	Behavioural Cognitive Sciences
8. Karnataka University	Polymer Chemistry
9. Anna University	Environmental Sciences
10. Arunachal University	Biodiversity
11. Rashtriya Sanskrit Vidyapeeth, Tirupati	Traditional Shastras
12. Devi Ahilya University	e-Management Studies

ICAR LABORATORIES/RESEARCH INSTITUTIONS

1. Central Agricultural Research Institute, Port Blair CARI
2. Central Arid Zone Research Institute, Jodhpur, Rajasthan
3. Central Avian Research Institute, Izatnagar, Uttar Pradesh
4. Central Inland Fishries Research Institute, Barrackpore, West Bengal
5. Central Institute for Cotton Research, Nagpur, Maharashtra
6. Central Institute for Research on Goats, Farah, Uttar Pradesh
7. Central Institute for Research on Cotton Technology, Mumbai, Maharashtra
8. Central Institute of Agricultural Engineering, Bhopal, Madhya Pradesh
9. Central Institute for Arid Horticulture, Bikaner, Rajasthan
10. Central Institute for Research on Buffaloes, Hissar, Haryana
11. Central Institute of Brackishwater Aquaculture, Chennai, Tamilnadu
12. Central Institute of Freshwater Aquaculture, Bhubaneswar, Orissa
13. Central Institute of Post Harvest Engineering & Technology, Ludhiana, Punjab
14. Central Marine Fisheries Research Institute, Kochin, Kerala
15. Central Plantation Crops Research Institute, Kasaragod, Kerala
16. Central Potato Research Institute, Shimla, Himachal Pradesh
17. Central Research Institute for Dryland Agriculture, Hyderabad, Andhra Pradesh
18. Central Research Institute for Jute and Allied Fiber, Barrackpore, West Bengal
19. Central Rice Research Institute, Cuttack, Orissa
20. Central Soil Salinity Research Institute, Karnal, Haryana
21. Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala
22. Indian Agricultural Research Institute, New Delhi
23. Indian Agricultural Statistics Research Institute New Delhi
24. ICAR Research Complex For Goa, Ela Old, Goa
25. Indian Grassland and Fodder Research Institute, Gwalior, Jhansi
26. Indian Institute of Horticultural Research, Bangalore, Karnataka
27. Indian Institute of Soil Science , Bhopal, Madhya Pradesh
28. Indian Institute of Spices Research, Calicut, Kerala
29. Indian Institute of Sugarcane Research, Lucknow, Uttar Pradesh
30. Indian Institute of Vegetable Research, Varanasi, Uttar Pradesh
31. Indian Lac Research Institute, Namkum, Ranchi
32. National Academy of Agricultural Research Management, Hyderabad, Andhra Pradesh
33. National Institute of Animal Nutrition and Physiology, Bangalore, Karnataka
34. National Institute for Research on Jute & Allied Fibres Technology, West Bengal (formerly JTRL)
35. Sugarcane Breeding Institute, Coimbatore, Tamilnadu
36. Vivekanand Parvatiya Krishi Anusandhan Sansthan, Almora, Uttaranchal

AGRICULTURAL UNIVERSITIES

S.No.	University	Address
1.	Assam Agricultural University (AAU)	Jorhat 785 013 (Assam)
2.	Acharya N.G.Ranga Agricultural University (APAU)	Rajendranagar, Hyderabad 500 030 (A.P.)
3.	Birsa Agricultural University (BAU)	Kanke, Ranchi 834 006 (Bihar)
4.	Bidhan Chandra Krishi Viswavidyalaya (BCKV)	Haringhatta P.O. Mohanpur, Nadia 741 246 (West Bengal)
5.	C.S. Azad University of Agriculture & Technology (CSAUA&T)	Kanpur 208 002 (Uttar Pradesh)
6.	Gujarat Agricultural University (GAU)	Dantiwada, Sardar Krishi Nagar 385 506 (Gujarat)
7.	G.B. Pant University of Agriculture & Tech. (GBPUA&T)	Pantnagar 263 145, Nainital (UttarPradesh)
8.	Haryana Agricultural University (HAU)	Hissar 124 001 (Haryana)
9.	Himachal Pradesh Krishi Viswavidyalaya (HPKV)	Palampur 176 062 (HimachalPradesh)
1 0.	Indira Gandhi Krishi Vishwa Vidyalaya(IGKVV)	Krishak Nagar Raipur 492 012 (Madhya Pradesh)
1 1.	Jawaharlal Nehru Krishi Viswa Vidyalaya (JNKVV)	Jabalpur 482 004 (Madhya Pradesh)
1 2.	Kerala Agricultural University (KAU)	Vellanikkara, Trichur 680 654 (Kerala)
1 3.	Konkan Krishi Vidyapeeth (KKV)	Dapoli 415 712 (Maharashtra)
1 4.	Marathwada Agricultural University (MAU)	Parbhani 431 402 (Maharashtra)
1 5.	Mahatma Phule Krishi Vidyapeeth (MPKV)	Rahuri 413 712 (Maharashtra)
1 6.	Narendra Dev University of Agriculture & Technology (NDUA&T)	Faizabad 224 001 - (Uttar Pradesh)
1 7.	Orissa University of Agriculture & Technology (OUA&T)	Bhubaneswar 751 003 (Orissa)
1 8.	Punjab Agricultural University (PAU)	Ludhiana 141 004 (Punjab)
1 9.	Panjabrao Krishi Vidyapeeth (PKV)	Akola 444 104 (Maharashtra)
2	Rajasthan Agricultural University (RAU)	Bikaner 334 001 (Rajasthan)

2 1.	Rajendra Agricultural University (RAU)	Pusa, Samastipur 848 125 (Bihar)
2 2.	Shere-e-Kashmir Univ. of Agril. Sciences & Technology (SKUAS&T)	Jammu 180004, Jammu & Kashmir 191 001
2 3.	Tamil Nadu Agricultural University (TNAU)	Coimbatore 641 003 (Tamil Nadu)
2 4.	Tamil Nadu Veterinary & Agricultural Sciences University (TNV&ASU)	Madras 600 007 (Tamil Nadu)
2 5.	University of Agricultural Sciences (UAS)	P.B. 2477, Herbal Bangalore 560 024 (Karnataka)
2 6.	University of Agricultural Sciences (UAS)	Krishi Nagar Dharwad 580005 (Karnataka)
2 7.	West Bengal University of Animal & Fishery Education (WBUA&FE)	68, Kshudiram Bose Sarani, Belgachia, Calcutta 700 037 (W.B.)
2 8.	Y.S. Parmar University of Horticulture & Forestry (YSPUH&F)	Solan 173 230 (HimachalPradesh)

IITs and NITs**Indian Institute of Technology**

1. IIT Kharagpur
2. IIT Mumbai (Bombay),
3. IIT Chennai (Madras)
4. IIT Kanpur
5. IIT Delhi
6. IIT Guwahati
7. IIT Roorkee

National Institutes of Technology

1. National Institute of Technology, Agartala
2. Motilal Nehru National Institute of Technology, Allahabad
3. Maulana Azad National Institute of Technology, Bhopal
4. National Institute of Technology, Calicut
5. National Institute of Technology, Durgapur
6. National Institute of Technology, Hamirpur
7. Malaviya National Institute of Technology, Jaipur
8. Dr B R Ambedkar National Institute of Technology, Jalandhar
9. National Institute of Technology, Jamshedpur
10. National Institute of Technology, Kurukshetra
11. Visvesvaraya National Institute of Technology, Nagpur
12. National Institute of Technology, Patna
13. National Institute of Technology, Raipur
14. National Institute of Technology, Rourkela
15. National Institute of Technology, Silchar
16. National Institute of Technology, Srinagar
17. S V National Institute of Technology, Surat
18. National Institute of Technology Karnataka, Surathkal
19. National Institute of Technology, Tiruchirapalli
20. National Institute of Technology, Warangal

CSIR LABORATORIES**1. Physical Sciences**

- Central Electronics Engineering Research Institute (CEERI), Pilani – 333031
- Central Scientific Instruments Organization (CSIO), Chandigarh – 160020
- National Geophysical Research Institute (NGRI), Hyderabad - 500007
- National Institute of Oceanography (NIO), Goa - 403004
- National Physical Laboratory (NPL), New Delhi – 110012

2. Chemical Sciences

- Central Electrochemical Research (CECRI), Karaikudi – 623006
- Central Leather Research Institute (CLRI), Madras - 600020
- Central Salt & Marine Chemicals Research Institute (CSMCRI), Bhavnagar - 364002
- Indian Institute of Chemical Technology (IICT), Hyderabad - 500007
- Indian Institute of Petroleum (IIP), Dehradun – 248005
- National Chemical Laboratory (NCL), Pune – 411008
- Regional Research Laboratory (RRL,JOR), P.O. Jorhat - 785006

3. Biological Sciences

- Centre For Biochemical Technology (CBT), Delhi - 110007
- Centre for Cellular and Molecular Biology (CCMB), Hyderabad - 500007
- Central Drug Research Institute (CDRI), Lucknow – 226001
- Central Food Technological Research Institute (CFTRI), Mysore – 570013
- Central Institute of Medicinal & Aromatic Plants (CIMAP), Lucknow - 226016
- Indian Institute of Chemical Biology (IICB), Kolkata – 700032
- Institute of Microbial Technology (IMT), Chandigarh - 160036
- Industrial Toxicology Research Centre (ITRC), Lucknow - 226001
- National Botanical Research Institute (NBRI), Lucknow -226001
- Regional Research Laboratory (RRL,JM), Jammu Tawi – 180001
- Institute of Himalayan Bioresource Technolonogy (IHBT), Palampur - 176061

4. Engineering Sciences

- Central Mining Research Institute (CMRI), Dhanbad - 826001
- Central Road Research Institute (CRRI), New Delhi - 110020
- National Aerospace Laboratories (NAL), Bangalore - 560017
- National Environmental Engineering Research Institute (NEERI), Nagpur – 440020
- National Metallurgical Laboratory (NML), Jamshedpur - 831007
- Regional Research Laboratory (RRL,BHO), Bhopal – 462026
- Regional Research Laboratory (RRL,BHU), Bhubaneshwar – 751013
- Regional Research Laboratory (RRL,TVM), Thiruvananthapuram - 695019
- Structural Engineering Research Centre (SERC-C), Madras – 600113
- Central Building Research Institute (CBRI), Roorkee – 247667
- Central Fuel Research Institute (CFRI), Dhanbad – 828108
- Central Glass and Ceramic Research Institute (CGCRI), Kolkata – 700032
- Central Mechanical Engineering Research Institute (CMERI), Durgapur – 713209

5. Information Sciences

- National Institute of Science Communication & Information Resources (NISCAIR), New Delhi – 110012
- National Institute of Science Technology and Development Studies (NISTADS), New Delhi – 110007

TIFAC INSTITUTIONS

Name of the Institution	Place	Areas
<u>Amrita Institute of Technology</u>	Coimbatore	<u>Cyber Security</u>
<u>Amrita Vishwa Vidyapeetham</u>	Kollam	<u>Biomedical Technology</u>
<u>Aravind Eye Hospital and PG Institute of Ophthalmology</u>	Madurai	<u>Diabetic Retinopathy</u>
<u>Arulmigu Kalasalingam College of Engineering</u>	Srivilliputtur	<u>Network Engineering</u>
<u>Delhi College of Engineering</u>	New delhi	<u>Fiber Optics and Optical Communications</u>
<u>Dibrugarh University</u>	Dibrugarh	<u>Clastic Petroleum Reservoir Engineering</u>
<u>Hindustan College of Engineering</u>	Padur	<u>Aircraft Maintenance</u>
<u>JSS College of Pharmacy</u>	Ootacamund	<u>Herbal Drugs</u>
<u>Jabalpur Engineering College</u>	Jabalpur	<u>High Voltage and Power Systems Engineering</u>
<u>Jawaharlal Nehru Medical College</u>	Wardha	<u>Interventional Radiology</u>
<u>Jawaharlal Nehru Technological University</u>	Kukatpally	<u>Environmental geomatics</u>
<u>Kumaraguru College of Technology</u>	Coimbatore	<u>Textile Technology and Machinery</u>
<u>MS Ramaiah School of Advanced Studies</u>	Bangalore	<u>Digital Image Processing</u>
<u>MS University Baroda</u>	Vadodara	<u>New Drug Delivery Systems</u>
<u>Manipal Academy of Higher Education</u>	Manipal	<u>Pharmacogenomics</u>
<u>Mepco Schlenk Engineering College</u>	Sivakasi	<u>Industrial Safety</u>
<u>National Institute of Industrial Engineering</u>	Mumbai	<u>Ergonomics and Human Factors Engineering</u>
<u>National Institute of Technology</u>	Hamirpur	<u>Power Transformer Diagnostics</u>
<u>National Institute of Technology , Karnataka</u>	Surathkal	<u>Industrial Biotechnology</u>
<u>PSG College of Technology</u>	Coimbatore	<u>Product Design and Optimization and Collaborative Product Commerce</u>
<u>Sarvajanik College of Engineering and Technology</u>	Surat	<u>Environmental Engineering</u>
<u>Shanmugha Arts, Science, Technology and Research Academy (SASTRA)</u>	Thanjavur	<u>Advanced Computing and Information Processing</u>
<u>Thapar Institute of Engineering and Technology</u>	Patiala	<u>Agro and Industrial Biotechnology</u>
<u>Thiagarajar Engineering College</u>	Madurai	<u>Wireless Technologies</u>
<u>Velammal Engineering College</u>	Chennai	<u>Pervasive Computing Technologies</u>
<u>Vellore Institute of Technology</u>	Vellore	<u>Automotive Electronics</u>

HEALTH / MEDICAL INSTITUTIONS

1. All India Institute of Medical Sciences (AIIMS), New Delhi, India, Autonomous Govt. Institute [350]
2. Andhra Medical College, Visakhapatnam, Andhra Pradesh
3. Armed Forces Medical College (AFMC), Pune, India (under the ministry of defence)
4. Bharati Vidyapeeth's New Medical College, Pune
5. Calcutta Medical College, Kolkata, India
6. Calicut Medical College, Kerala, India.
7. Chandigarh Medical College, Chandigarh, Govt. Institute
8. Christian Medical College & Hospital (CMC), Vellore, Tamil Nadu, India.
9. Gandhi Medical College, Hyderabad, Andhra Pradesh
10. Grant Medical College, Mumbai
11. K.A.P. Viswanatham Government Medical College, Tiruchirappalli, Tamil Nadu, India
12. JIPMER, Pondicherry, Autonomous under Central Govt.
13. Tirunelveli Medical College (<http://www.nellaimedicos.com>)
14. Kasturba Medical College (KMC-Manipal), Manipal, MAHE University.
15. Directory of Colleges & Educational Institutes in Punjab
16. Kasturba Medical College (KMC-Mangalore), Mangalore, Karnataka, MAHE University.
17. King George Medical College (KGMC), Lucknow, Govt. Institute
18. Lokmanya Tilak Municipal Medical College, Mumbai
19. Maulana Azad Medical College (MAMC), New Delhi, Govt College
20. Osmania Medical College, Hyderabad, Andhra Pradesh, India
21. Patiala Medical College, Patiala, Govt. Institute
22. Seth Gordhandas Sunderdas Medical College, Mumbai
23. Sarojini Naidu Medical College
24. University College of Medical Sciences, New Delhi
25. Bangalore Medical College, Bangalore (Managed by Government of Karnataka)
26. Mysore Medical College (Managed by Government of Karnataka)[363]
27. Karnataka Institute of Medical Sciences or KIMS, Hubli (Autonomous Institution Managed by Government of Karnataka)
28. Vijayanagara Institute of Medical Sciences or VIMS, Bellary (Autonomous Institution Managed by Government of Karnataka)
29. St. John's Medical College, Bangalore (An Autonomous Institution)
30. M.S. Ramayya Medical College, Bangalore (Private Medical College)

31. Kempegowda Institute of Medical Sciences, Bangalore (Private Medical College)
32. Ambedkar Medical College, Bangalore (Private Medical College)
33. Siddartha Institute of Medical Sciences, Tumkur (Private Medical College)
34. Bapuji Medical College, Davangere (Private Medical College)
35. Jawaharlal Medical College, Belgaum (Private Medical College)
36. HKE Society's Medical College, Gulbarga (Private Medical College)
37. BLDE Society's Medical College, Bijapur (Private Medical College)
38. JSS Medical College, Mysore (Private Medical College)
39. Adichunchanagiri Medical College, Bellur (Private Medical College)
40. Madras Medical College, Chennai (Managed by Government of Tamilunadu)
41. Stanley Medical College, Chennai (Managed by Government of Tamilunadu)
42. Kilpauk Meidcal College, Chennai (Managed by Government of Tamilunadu)
43. Christian Medical College, Vellore (An Autonomous Institution)
44. Trivandrum Medical COLlege, Trivandrum (Managed by Government of Kerala)
45. Kottayam Medical COLlege, Kottayam (Managed by Government of Kerala)
46. Fr Mullers Medical COLlege, Mangalore (Private Medical College)
47. Pushpagiri Medical College, Thiruvalla, (Private Medical College)

Health Related ICMR Research Institutes/Centres

AGRA

National JALMA Institute for Leprosy & Other Mycobacterial Diseases (NCJILMD)

AHMEDABAD

National Institute of Occupational Health (NIOH)

CHENNAI

Tuberculosis Research Centre (TRC)

National Institute of Epidemiology (NIE)

DELHI

National Institute of Malaria Research (NIMR)

Institute of Pathology (IOP)

National Institute of Medical Statistics (NIMS)

HYDERABAD

National Institute of Nutrition (NIN)

National Centre for Laboratory Animal Science (NCLAS)

Food and Drug Toxicology Research Centre (FDTRC)

KOLKATA

National Institute of Cholera and Enteric Diseases (NICED)

MADURAI

Centre for Research in Medical Entomology (CRME)

MUMBAI

National Institute for Research in Reproductive Health (NIRRH)

Institute of Immunohaematology (IIH)

Enterovirus Research Centre (ERC)

Genetic Research Centre

NOIDA

Institute of Cytology and Preventive Oncology (ICPO)

PATNA

Rajendra Memorial Research Institute of Medical Sciences (RMRIMS)

PONDICHERRY

Vector Control Research Centre (VCRC)

PUNE

Microbial Containment Complex (MCC)

National Institute of Virology (NIV)

National AIDS Research Institute (NARI)

LABORATORIES / INSTITUTIONS UNDER KVIC

1. Dharwad Taluka Heballi Ksetiya Seva Sangh. Magalwarpet, Dharwad Dist.
2. Karnataka Khadi Gra, Sangh, Old Darbargalli, Bujapur- 586 101
3. Karnataka Sarvodaya Sangh, 78, Ranga rao Raod, Shankarpuram, Bangalore- 4.
4. Karnataka Khadi Gra, Samyuktha Sangh (federation), Beneri, Hubli- 580 023.
5. Khadi & Gramodyog Sahakari Utpadak Sangh Ltd, Hubli. Tq. Belgaum
6. Shri Allamprabhu khadi Gramodyog Mattu Shiksham Samastha, Tardal, dist. Bijapur
7. Khadi Gramodyoga Sangha, Annapura, Dist. Tumkur
8. Khadi Workers Cooperative Producers Khadi Society, Ron, Dist. Gadag
9. Nandi Khadi Gramodyoga Sangha, Malamachanahalli, Dist. Kolar
10. Bhagyanagar Khadi Samiti, Hyderabad.
11. Grama Parisramala Sangham, Dharmavaram
12. Guntur Zilla Khadi Gramodyog Sanastha, Guntur.
13. Metpalli Khadi Gramodyog Pratistan, Metpalli.
14. Resham Khadi Gramodyog Sangham, Dharmavaram.
15. Sri Satya Sai Gramodaya Khadi Silk Parisramala-Sangham, Puttaparthi.
16. Wavilal Khadi Gramodyog Prathistan, Wavilal.
17. AFKK Sangam, Ponduru.
18. Gram Swarajya Sangham, Srikakulam
19. Changanachery Social Service, Society, P. B. No. 20, Arch Bishop's house, Kottayam, Changanachery
20. Kerala Khadi & V.I. Association, Avaniseri, Ollur, Trichur
21. Kozhikode Sarvodaya Sangh, Khadi Gram, S.M. Street, Kozhikode
22. G.S.G.S. Kendram, Nanthiattukunnam, Ernakulam
23. Payyannur Frikka Gramodaya Khadi Sangh, Payyannur, PO Payyannur – 670307
24. Virudhunagar Sarvodaya Sangh, H.O. Virudhunagar – 626 001
25. Padiyur Sarvodaya Sangh, Padiyur – 638701, Erode District
26. Gram Seva Sansthan, Gandhi Path, Fatehpur
27. Swarajya Ashram, Sarvodaya Nagar, Kanpur
28. Champa Khadi Gramodyoga Mandal, Lions Club Road, Champa, Dist. Janjgeer
29. Chhattisgarh Khadi Gramodyoga Sansthan, B. D. Mahant, Sub Nagar, Naila, Dist. Junjgeer
30. Maha Maya Khadi Ashram, Amarkantak, Arpa Complex, Opp. Naw Bharta Presse, Bilaspur

31. Zila Kosa Bunkar Sahakari Samiti, Nayaganj, Burudulara Road, Kosthapar, Raigarh
32. Bharat Khadi Sevak Sangh, 4, B. B. Gupta Road, PO Khagra, Murshidabad – 742 103
33. Chandrakanta Lalit Mohan Resham Khadi Samity
34. Diamond Silk Khadi Society, PO Sujapur, Dist. Malda
35. Gramin Kutir Silpa Bhawan, Jiaganj, Murshidabad.
36. Kshetriya Shri Gandhi Ashram, At & PO Jalalpur, Dist. Malda
37. Sundarban Khadi & V.I. Society, No. 1, Digherpar, Canning Town, 24 Pgs(S)
38. Jhargram Khadi and Village Industries Association, Jhzrgram, Midnapore.
39. Mahadev Smark Khadi Gramodyog Mandal, H.O. Indira Place, Shop No. 106 1st floor, Hhinu, Ranchi-2 (Jarkhand)
40. Gram Nirman Mandal Khadi Gramodyog Samiti, Gaya
41. Himachal Khadi Ashram, Shimla (HP)
42. Himachal Khadi Mandal, Akhara Bazar, Kullu, Distt. Kullu (HP)
43. Khadi Gr. Saghan Vikas Samiti, Bassi, Bassi, Jaipur
44. Kshetriya Khadi Gr. Samiti, Dausa
45. Khadi Gramodyog Sah B. Ltd., Opp. Haja Patels Pole, Relief Road, Ahmedabad
46. Khadi Mandir, Harikrupa Towwer, Juna Sharda Mandir, Char Rasta, Ellis Bridge, Ahmedabad – 380 006
47. Surendranagar Jilla Sarvodaya Vikas mandal, Gharshala Road, At.Po. Jorawarnagar, Tal. Wadhwan Sist. Surendranagar.
48. Gram Sewa Mandal, Gopuri, Wardha, Dist. Wardha
49. Nagaland Khadi & V.I. Sangh, Dhobinala Road, Dimapur

ENTREPRENEURSHIP DEVELOPMENT INSTITUTES

SI No.	Name & Address
1	Institute of Entrepreneurship Development (U. P.) A-430, Indira Nagar, Lucknow - 226016.
2	Centre for Entrepreneurship Development of Karnataka Laxmi Nagar, Vidyagari, Dharwad-580004, Karnataka.
3	Maharashtra Centre for Entrepreneurship Development A-38, MIDC, Near Railway Station, Aurangabad - 431005.
4	Centre for Entrepreneurship Del., 60, Jail Road, Jahangirabad, Bhopal - 462008.
5	Institute of Entrepreneurship Development, Orissa, 290, Satya Nagar, Bhubaneswar - 751007.
6	Kerala Industrial & Technical Consultancy Organisation Ltd., Shema Building, M. G. Road, Cochin - 682016.
7	Entrepreneurship Dev., Institute, Parwanoo, H. P.
8	Centre for Entrepreneurship Development, CED-SIPPO Campus No.4, T. B. Road, Madurai - 625010.
9	Entrepreneurship Development Institute of India Ahmedabad (Near Village Bhatvia Ahmedabad Airport & Indira Bridge), P. O. Chandkhada - 382424, Gujarat.
10	Centre for Development of Entrepreneurship, Haryana Institute of Public Administration, 76, HIPA Complex, Sector-18, Gurgaon-122001.
11	Entrepreneurship Development & Management Institute, Jaipur, Rajasthan.
12	Centre for Entrepreneurship Dev., An Undertaking of Assn. of Lady Entrepreneurs of Andhra Pradesh, 3-5-1091/15, Narayanguda, Hyderabad - 500029.
13	J & K Entrepreneurship Development Instt., O/o Directorate of Industries & Commerce, Exhibition Ground/Residency Road, Jammu/Sri Nagar
14	Institute of Entrepreneurship Development B. S. F. C Building, 5th floor, Prasar Road, Post Box No. 114, Patna - 800001

REGIONAL PLANNING INSTITUTIONS

Eastern Regional Centre, Kolkata covering Bihar, Orissa, West Bengal and Jharkhand, and the Union Territory of Andaman and Nicobar Islands.

North-Eastern Regional Centre, Shillong covering Arunachal Pradesh, Assam, Manipur, Tripura, Meghalaya, Mizoram, Nagaland and Sikkim.

North-Western Regional Centre, Chandigarh covering Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, and the Union Territory of Chandigarh.

Northern Regional Centre, New Delhi covering Delhi, Madhya Pradesh, Rajasthan, Uttar Pradesh, Chattisgarh and Uttranchal.

Southern Regional Centre, Hyderabad covering Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, and the Union Territories of Lakshadweep and Pondicherry.

Western Regional Centre, Mumbai covering Gujarat, Maharashtra, Goa and the Union Territories of Daman and Diu, Dadra and Nagar Haveli.

SCHOOLS OF ARCHITECTURE AND PLANNING

1. School of Planning and architecture - I P estate, New Delhi - 110002
2. Vastu Kala academy School of architecture and interior designing - A. Asaf Ali marg, New Delhi-110067
3. Jamia Millia Islamia - Jamia nagar, New Delhi-110025
4. T V B School of habitat studies - Vasant Kunj, New Delhi -110070
5. College of Engineering - Andhra university, Visakhapatnam -530003
6. School of Planning and architecture - Jawaharlal Nehru technological university, Mahavir marg, Hyderabad-500028
7. Goa college Of architecture - Campal, Panaji, Goa-403001
8. Chandigarh college of architecture - Sector 12, Chandigarh-160012
9. D C Patel school of architecture - Gujarat
10. School of Architecture centre for environment planning and technology - Nevrangpura, Ahmedabad 380009
11. Faculty of technology and engineering - Baroda
12. Birla Instituteof technology - Mesra 835 215
13. Bihar Institute of technology - Patna-800 005
14. Shri Siddheshwar Shikshan Mandals coll of architecture - Siddeshwar peth, Solapur 413 001
15. S S E Society's College of engineering and technology - Akola - 444001
16. BMC's Lalit Kala kendra - Jalgaon Dist 425 107
17. Kamla Raheja Vidyanidhi institute for architecture and environmental studies - Juhu scheme, Mumbai -400032
18. Manoharbai Patel Institute of engineering and technology - Gondia-441614
19. Pillais College of architecture - Sector-8, New Panvel - 400 206
20. Academy of architecture - Prabhadevi, Mumbai - 400025
21. G S Mandal's Marathwada Institute of technology - Aurangabad - 431005
22. Vivekanand Institute of technology - Sadashiv Peth, Pune -411 030
23. Paravara Rural education society - Shirampur, Ahmednagar 413 713
24. DY Patil College of Engineering & Technology - Kolhapur, Maharashtra.
25. Shri Prince Shivaji Maratha boarding House's coll of architecture- Kolhapur, Maharashtra
26. Visveshwaraya Regional college of engineering - Nagpur
27. Sir J J College of architecture - D.N.Road, Mumbai - 400001
28. Shri V .B. Patil Trust's college of architecture - Sangli 416 416
29. Bharati Vidyapeeth's college of architecture - Pune 411 043
30. N D M V P Samaj's College of architecture - Nashik- 422 022
31. Dr. DY Patil college of architecture - CBD, New Mumbai -400 614
32. Rizvi College of architecture - Rizvi Complex, Bandra, Mumbai 400 050

33. Marathawada Mitra Mandal's college of architecture - Pune 411011
34. Dr. Bhanuben Nanavati college of architecture for women - Pune -411 052.
Maharashtra
35. Kavikulguru Institute of technology and service - Ramtek 441 106
36. L B H S S Trust's college of architecture - Mumbai
37. B K P S College of architecture - Pune -411 030. Maharashtra
38. Lady Amritbai Daga college for women - Nagpur
39. Priyadarshini college of engineering - Nagpur
40. N T V's college of architecture - Dhule
41. Bharati Vidyapeeth's college of architecture - near Konkan Bhavan, CBD, New
Mumbai- 400614
42. Jawaharlal Nehru engineering college -Aurangabad - 431003
43. L S Raheja school of architecture - Bandra, Mumbai - 400 050
44. C R State college of engineering - Sonapat District, Haryana
45. Sushant School of Arts and architecture - Sushant lok, Gurgaon - 122001
46. P D A college of engineering - Gulbarga 585102
47. B M S College of engineering - Banglore -560 019
48. Dayanand Sagar College of engineering - Kanakapura road, Banglore 560078
49. R V College Of engineering - Banglore - 560059
50. Manipal Institute of technology - Manipal 576119
51. Banglore Institute of technology - Visveswara puram, Banglore 560 004
52. BLDE Association's college of engineering and technology - Bijapur 586103
53. Siddagana Institute of technology - Tumkur 572103
54. Maland college of engineering - Hasan 573201
55. B V Bhoomraddi college of engineering and technology - Hubli -580031
56. University Visveswaraya college of engineering - Janana Bharati campus, Banglore
city.
57. Malik Sandal Institute of Art and architecture - Bijapur 586 101
58. M S Ramaiah institute of technology - Banglore 560054
59. Regional engineering college - Calicut - 673 601.
60. College of engineering - Trivandrum
61. T K M College of engineering - Quilon-691 005.
62. Government Engineering college - Raipur 492010
63. Maulana Azad college of technology - Bhopal 462007
64. Sthapatya Kala Bhawan society - Indore
65. Madhav Institute of technology - Gwalior 474005
66. I P S Academy school of architecture - Indore 452003
67. Institute of Environmental planning and technology - Indore
68. Pilo Mody College of Architecture - Cuttuck 753012.
69. College of Engineering & technology - Bhubaneshwar 7510053
70. College of engineering and technology - Bathinda 151 001

71. Guru Nanak Dev university - Amritsar 143005
72. Malviya Regional engineering college - Jaipur 302 017
73. Government College of architecture - Lucknow -226 007
74. University of Roorkee - Roorkee -247667
75. Zakir Hussain college of engineering and technology - Aligarh 202 002
76. Mohamed Sathak engineering college - Kilakarai -623806
77. Periyar Manimmai college of technology for women - Thanjavur 613 403
78. Dr. M G R Engineering college - Maduravoyal, Chennai-602102
79. Arulmigu Meenakshi Amman college of engineering
80. Regional engineering college - Tiruchirapalli 620 015
81. Thiagarajar college of engineering - Madurai -625 015
82. Sathyambama engineering college - Jeppiaar nagar, Chennai -600 096
83. S R M Engineering college -Kattankulathur, Chengai-Anna District -603203, TN.
84. Adhiyamann College of engineering - Hosur
85. Bharat Institute of science and technology - Chennai 600 073
86. Hindustan College of engineering - Chinglepet District- 603103
87. Bengal Engineering college - Howrah 711103
88. Jadavpur University - Kolkata- 700032

STATE LEVEL PLANNING INSTITUTIONS

2. Institute for Social & Economic Change Nagarbhavi, Bangalore-560 072 (Karnataka)
3. Centre for Development Studies, Prasanthanagar Road, Ulloor, Thiruvananthapuram-695 011 (Kerala)
4. Centre for Studies in Social Sciences, R-1, Baishnabghata, Patuli Township, Kolkata-700 094
5. Gandhian Institute of Studies, Rajghat, Varanasi-221 001 (Uttar Pradesh)
6. A.N. Sinha Institute of Social Studies, Patna-800 001 (Bihar)
7. Institute of Public Enterprise, Osmania University Campus, Hyderabad-500 007 (A.P.)
8. Institute of Economic Growth, University Enclave, Delhi-110 007
9. Centre for the Study of Developing Societies, 29, Rajpur Road, Delhi-110 054
10. Centre for Social Studies, South Gujarat University Campus, Udhna-Magdalla Road, Surat-395 007 (Gujrat)
11. Madras Institute of Development Studies, 79, Second Main Road, (P.O.Box 948), Gandhinagar, Adyar, Chennai-600 020 (Tamilnadu)
12. Indian Institute of Education, 128/2, J.P. Naik Road, Kothrud, Pune-411 029 (Maharashtra)
13. Giri Institute of Development Studies, Sector 'O', Aliganj Housing Scheme, Lucknow-226024 (U.P.)
14. Centre for Policy Research, Dharma Marg, Chanakyapuri, New Delhi-110 021
15. Sardar Patel Institute of Economic and Social Research, Thaltej Road, Ahmedabad-380 054 (Gujrat)
16. G.B.Pant Social Science Institute, 3 No. Yamuna Enclave, Jhusi, Sangam Nagar, Allahabad-211 019 (Uttar Pradesh)
17. Council for Social Development Southern Regional Office, Plot No.230, Shiva Nagar Colony, Hydderguda Village, Rajendranagar Road, Bahadurpura Post Office, Hyderabad-500 064
18. Institute of Development Studies, 8-B, Jhalana Institutional Area, Jaipur-302 004 (Rajsthan)
19. Centre for Research in Rural and Industrial Development, 21, Sector, 19-A, Madhya Marg, Chandigarh-160 019
20. Centre for Women's Development Studies, 25, Bhai Vir Singh Marg, New Delhi-110 001
21. Centre for Economic & Social Studies, Nizamia Observatory Campus, Begumpet, Hyderabad-500 016 (Andhra Pradesh)

22. NKC Centre for Development Studies, Plot A, Chandrasekharpur, Bhubaneswar-751 013 (Orissa)
23. Gujarat Institute of Development Research, Sarkhej, Gandhinagar Highway, Gota Char Rasta, P.O. High Court, Gota, Ahmedabad-380 060 (Gujrat)
24. Institute of Studies in Industrial Development, P.O. Box 7151, Narendra Niketan, Indraprastha Estate, New Delhi-110 002
25. O.K.D. Institute of Social Change & Development, K.K. Bhatta Road, Chenikuthi, Guwahati-781 003 (Assam)
26. Centre for Multi-Disciplinary Development Research, D.B. Rodda Road, Jubilee Circle, Dharwad – 580001 (Karnataka)
27. Dr. Baba Sahibe Ambedkar National Institute of Social Sciences, Dongargaon A.B.Road, Mhow Cantonment, Mhow-453441 (Madhya Pradesh)
28. Madhya Pradesh Institute of Social Science Research, 19-20, Mahasweta Nagar, Ujjain-456010 (Madhya Pradesh)

MANAGEMENT INSTITUTIONS

1. Indian School of Business (ISB), HYDERABAD
2. Faculty of Management Studies (FMS) NEW DELHI
3. Indian Institute of Foreign Trade (IIFT) NEW DELHI
4. Department of Management Studies, IIT Delhi (IITD) NEW DELHI
5. International Management Institute (IMI) NEW DELHI
6. National Institute of Fashion Technology (NIFT) NEW DELHI
7. Fore School of Management (FSM) NEW DELHI
8. Goa Institute of Management (GIM) PANJIM
9. IIM Ahmedabad (IIMA) AHMEDABAD
10. Mudra Institute of Communication Ahmedabad (MICA) AHMEDABAD
11. Institute of Rural Management Anand (IRMA) ANAND
12. Nirma Institute of Management (NIM) AHMEDABAD
13. Management Development Institute (MDI) GURGAON
14. Xavier Labour Relations Institute (XLRI) JAMSHEDPUR
15. IIM Bangalore (IIMB) BANGALORE
16. T. A. Pai Management Institute (TAPMI) MANIPAL
17. Xavier Institute of Management & Entrepreneurship (XIME) BANGALORE
18. Department of Management Studies, IISc Bangalore (IISc) BANGALORE
19. IIM Kozhikod (IIMK) KOZHICODE
20. IIM Indore (IIMI) INDORE
21. Indian Institute of Forest Management (IIFM) BHOPAL
22. Jamnalal Bajaj Institute of Management Studies (JBIMS) MUMBAI
23. National Institute of Industrial Engineering (NITIE) MUMBAI
24. Shailesh Mehta School of Management, IIT Powai (IITB) MUMBAI
25. S.P. Jain Institute of Management & Research (SPJIMR) MUMBAI
26. Tata Institute of Social Sciences (TISS) MUMBAI
27. Symbiosis Institute of Business Management (SIBM) PUNE
28. Narsee Monjee Institute of Management Studies (NMIMS) MUMBAI
29. Symbiosis Centre for Management & HRD (SCMHRD) PUNE
30. K. J. Somaiya Institute of Management Studies & Research MUMBAI
31. Institute of Management Development and Research (IMDR) PUNE
32. Prin L N Welingkar Institute of Management Development & Res. MUMBAI
33. S.I.E.S College of Management Studies MUMBAI
34. Chetana's R.K. Institute of Management and Research MUMBAI

35. Symbiosis Institute of Telecom Management (SITM) PUNE
36. Xavier Institute of Management Bhubaneshwar (XIMB) BHUBANESHWAR
37. University Business School (UBS) CHANDIGARH
38. Bharathidasan Institute of Management (BIM) TRICHY
39. Institute for Financial Management & Research (IFMR) CHENNAI
40. Department of Management Studies, IIT Madras (IITM) CHENNAI
41. IIM Lucknow (IIML) LUCKNOW
42. Institute of Management Technology (IMT) GHAZIABAD
43. DeT. of Industrial & Management Engineering, IIT Kanpur (IITK) KANPUR
44. Department of Management Studies, IIT Roorkee (IITR) ROORKEE
45. IIM Calcutta (IIMC) KOLKATA
46. Indian Institute of Social Welfare & Business Management (IISWBM) KOLKATA
47. Vinod Gupta School of Management (IIT Kharagpur) (IITKGP) KHARAGPUR

WATERSHED DEVELOPMENT NGOS

1. Aasha Social Welfare Association, Hyderabad
2. Academy of Development Science, Raigarh
3. Academy of Human Environment and Development, Hyderabad
4. Action for Environment Conservation, Udaipur
5. Action for Food Production AFPRO Field Unit VI, Hyderabad, Hyderabad
6. Action for Social and Educational Development Association, Kolar
7. Action for Water Development Mysore Society
8. Bangalore
9. Adhar Bahuddheshiya Sanstha , Jalgaon
10. Advanced Centre for Water Resources Development and Management, Pune
11. Afdoul, Tiruchirapalli
12. Agrarian Assistance Association Trust, Ranchi
13. Akshara Network for Development Support Services , Hyderabad
14. Amar Jyoti Rehabilitation And Research Centre, New Delhi
15. Andhra Pradesh Mahila Samaj Samiti, Hyderabad
16. Andhra Pradesh Social Service Centre, West Godavari
17. Arogyavaram Development Society, Chittoor
18. Asha Nayakam Seva Sangha, Cuttack
19. Asia Pacific Socio-Economic Research Institute (APSERI), New Delhi
20. Association for Village Improvement Needs and Action Against Slavery and Hunger (AVINAASH), Visakhapatnam
21. AWWA, Hubli
22. Bharathamatha Mahila Mandali, Chittoor
23. Bhartiya Dnayanpith Bahhuuddeshiya Gramin Vikas Sanstha, Yavatmal
24. Bhartiya Kashtakari Rayat Sewa Sansthan, Ratnagiri
25. Bhavani Seva Sansthan, Rajsamand
26. Biosphere Foundation, Pudukottai
27. Bless, Cuddalore
28. Board, Hyderabad
29. Bosco Gramin Vikas Kendra Ahmednagar
30. Brahmagiri Development Forum Brahmagiri
31. C. P. R. Environmental Educational Centre Chennai
32. Can And Able Gajapati
33. Catholic Church Lok Sewa Kendra Vadodara
34. Centre for Economic and Social Studies Hyderabad
35. Centre For Improved Rural Health And Enviromental Protection Nilakottai
36. Centre for Island Ecology, Andaman and Nicobar Environmental Team Port Blair
37. Centre for Rural Youth Development Achampet
38. Centre For World Solidarity Secunderabad
39. Centre to Actuate the Rural and Environment Tiruchirapalli
40. Chaitanya Rural Education and Development Society Anantapur
41. Christa Sharan Social Development Society Chikmangalur

42. Council of Social Action Berhampur
43. Deep Griha Society Pune
44. Desh Bandhu Sangha Dhanyaghata
45. Development Agency for Social Improvement, Baripada Baripada
46. Development Initiative for Social Development Bangalore
47. Development through Resource Organization Planning Pune
48. Dharmveer Shikshan Sanstha Amravati
49. Dilasa Janvikas Pratisthan Aurangabad Aurangabad
50. Disaster Mitigation Action Group Dehradun
51. Dr G.W. Carver Prakalp and Sheti Sanshodhan Kendra Beed
52. Dr. Reddy's Foundation (DRF) Hyderabad
53. Ekikrat Janjati Sahkari Vikas Sangh (A Govt of Utter Pradesh Undertaking)
Lucknow
54. Empowering Little ones especially girls, Illiterate Mothers India International Not
Available
55. Enhare Almora
56. Excellence Education Movement Society Bhopal
57. Experiments in Rural Advancement (ERA) Dehradun
58. Foundation for Fisheries Welfare and Management Pudukottai
59. Gandhi Vikas Samiti Jaipur
60. Gomukh Pune
61. Gram Maha Vidyalaya Bhavnagar
62. Gram Sudhar Samity Sidhi
63. Gram Swaraj Shikshan Kendra Rajkot
64. Gram Vikas Parishad Madhubani
65. Grama Vikasa Vidya Samsthe Bijapur
66. Gramayan Pune
67. Gramin Shramik Pratishthan Latur
68. Gramin Vikas Shikshan Sanstha, Amravati Amravati
69. Gramin Vikas Shikshan Sanstha, Latur Latur
70. Gramin Vikas Shikshan Sansthan Latur
71. Gramothan Bal Mahila Kalyan Sansthan Mau
72. Gramseva Tarun Mandal Ahmednagar
73. Health Education Agriculture Development Society, Ananthapur Anantapur
74. Hit Kalyan Mahila Mandal Wardha
75. Institute for Communication & Development Action (ICDA) Bhadrak
76. Janvikas Society Kurnool
77. Jeevan Sanstha Pune
78. Jharneshewar Mahila Bal-Vikas evam Shikshan Samiti Betul
79. Judav Deoghar
80. Kailash Gramya Vikas Sansthan Rudra Prayag
81. Kalindi Society for Development Studies Dehradun
82. Kannada Jyothi Education Society Bangalore
83. Karnataka Science Education and Research Foundation Bangalore
84. Krishi Gram Vikas Kendra Ranchi

85. Krishi Vigyan Kendra, Zaheerabad Zaheerabad
86. Krishna Teere Rayath Sangh Jamkhandi
87. Kutch Mahila Vikas Sanghatan Bhuj
88. Lok Seva Anusuchit Jan Jati Khadi Gram Udyag Mandal Ahmedabad
89. Lok Seva Samiti Bharatpur
90. Lokayat Vishwast Sanstha Beed
91. Madhuvan Sansthan - Himalay Environment Research and Social Studies Tehri
Garhwal
92. Maharashtra Lok Jagruti Manch Buldhana
93. Mahila Hast Shilp Samiti Bikaner
94. Mahila Samasya Nivaran Mandal Nanded
95. MAITREE Bhubaneswar
96. Noble Cause Delhi
97. Rajachana Krida Shikshan Prasarak Mandal Solapur
98. Ramalingeshwar Gram Abhivruddhi Sangh Belgaum
99. SADHANA Puri
100. Salkia Dharmatala Nagarik Brinda Howrah
101. Samajik Shaikshanik Vikas Kendra (SSVK) Patna
102. Serene Secular Social Service Society Dindigul
103. Social and Healthy Action for Rural Empowerment (SHARE) Jamshedpur
104. Solidarity for Social Equality (Human Rights Centre) Balangir
105. Surtal Sabhiachar & Samaj Bhalai Club Mansa
106. The Trust for Environment and Cultural Haritage Amreli
107. Udgam Charitable Trust Gandhinagar
108. Venu Madhuri Mumbai
109. Yuvak Vikas Kendra, Karnataka, Bijapur

HEALTH NGOs

1.	A.V.M.S.G.D.P.S. Samithi (Kumbakonam,TN)	Tamil Nadu
2.	Akhil Bharatiya Drishtihin Kalyan Sangha, Kolkata	Bengal
3.	Amar Jyoti Charitable Trust (Delhi)	Delhi
4.	Arpana Research & Charitable Trust (Karnal, Haryana)	Haryana
5.	Atma Darshan Yogashram (Bangalore)	Karnataka
6.	Atma Vidya Ashram, CT	USA
7.	Bharat Seva Nyas (Chandigarh)	Punjab
8.	Bharat Vikas Parishad (Delhi)	Delhi
9.	Bharat Vikas Parishad (Delhi)	Gujarat
10.	Bharat Vikas Parishad, Chandigarh	Punjab
11.	Bharatiya Kushtha Nivarak Sangh (Champa, Dist. Bilaspur)	Madhya Pradesh
12.	Birsa Seva Prakalp (Hazaribagh, Bihar)	Jharkhand
13.	Development & Welfare Association of the Blind (Nalgonda)	Andhra Pradesh
14.	Dr. Babasaheb Ambedkar Vaidyakiya Pratishthan (Aurangabad, Maharashtra)	Maharashtra
15.	Eye Bank Coordination and Research Centre (Mumbai, Maharashtra)	Maharashtra
16.	Ghasi Ram Charitable Trust (Delhi)	Delhi
17.	Jeevan Dhara Rakt Foundation, Meerut, UP	Uttar Pradesh
18.	Lions Club of Mehsana (Mehsana, Gujarat)	Gujarat
19.	Lokenath Divine Life Mission (Calcutta, West Bengal)	Bengal
20.	Makhan Lal Charitable Hospital Trust & Research Institute (Delhi)	Delhi
21.	Mata Balak Utkarsha Prathisthan, Solapur	Maharashtra
22.	Medi-Send International, Dallas, TX USA	USA
23.	NASA Foundation- Ahmedabad	Gujarat
24.	Om Prakash Soni Charitable Trust, Jagraon, District Ludhiana, Punjab	Punjab
25.	Prajaka Seva Trust (Bangalore, Karnataka)	Karnataka
26.	Ramakrishna Mission Sevashram (Hardwar, UP)	Uttar Pradesh
27.	RamaKumar Viswanathan Trust	USA
28.	Rashtrotthan Parishat (Bangalore, Karnataka)	Karnataka
29.	Sewa Bharati Barnala	Punjab
30.	Sewa Bharati Delhi (Delhi)	Delhi

31.	Sewa Bharati Madhya Pradesh (Bhopal, MP)	Madhya Pradesh
32.	Shanti Sewashram Jain Dharmartha Trust (Meerut)	Uttar Pradesh
33.	Shri Bhagwat Mission Charitable Trust (Mathura, UP)	Uttar Pradesh
34.	Shri Bhartu Ram Memorial Charitable Trust (Delhi)	Delhi
35.	Shri Makhanlal Charitable Hospital Trust (Delhi)	Delhi
36.	Shrimad Rajchandra Rahat Nidhi Trust, Mumbai	Maharashtra
37.	Smt. SVM Charitable Trust- Surendranagar	Gujarat
38.	Sri Aurobindo Sriksheetra Trust	Orissa
39.	Sri Aurobindo Yoga Mandir (Haridwar, UP)	Uttar Pradesh
40.	Sri ChennaKeshava Trikutachala, Benglore Karnataka	Karnataka
41.	Sri P. N. Narayana Sastrigal Meru Trust (Chennai TN)	Tamil Nadu
42.	Sri Rama Dhanushkodi Abhaya Anchaneyar Seva Trust (Rameshwaram, TN)	Tamil Nadu
43.	sVYASA	Karnataka
44.	Swami Vivekanand Medical Mission (Nagpur, Maharastra)	Maharashtra
45.	Swami Vivekanand Medical Mission (Nagpur, Maharastra)	Maharashtra
46.	Swami Vivekanand Medical Mission (Nagpur, Maharastra)	Maharashtra
47.	Swami Vivekananda Medical Mission (Mutil, Wayanad, Kerala)	Kerala
48.	Swami Vivekananda Yoga Anusandhana Samsthana, Bangalore	Karnataka
49.	The Association of People with Disability, Bangalore	Karnataka
50.	The Ayurvedic Trust (Coimbatore, TN)	Tamil Nadu
51.	Uttaranchal Daivi Apada Peedit Sahayata Samiti (Uttarkashi, UP)	Uttaranchal
52.	Vanavasi Kalyan Kendra, Talasari, Maharashtra	Maharashtra
53.	Viklang Sewa Bharati (Jabalpur, MP)	Madhya Pradesh
54.	Vivekananda Medical Mission (Wynad, Kerala)	Kerala
55.	Yodada Satsang Society (Ranchi, Bihar)	Bihar
56.	Yog Satsang Samiti, Allahabad	Uttar Pradesh
57.	Yoga For Masses, Mumbai	Maharashtra
58.	Yogada Satsanga Society of India	Jharkhand

EMPLOYMENT / VOCATIONAL TRAINING NGOS

Arun Chetana / Hindu Seva Pratishthana (Bangalore)	Karnataka
Bharath Cultural Trust (Trichirappalli, TN)	Tamil Nadu
Bharatiya Kushtha Nivarak Sangh (Champa, Dist. Bilaspur, MP)	Madhya Pradesh
Development & Welfare Association of the Blind (Nalgonda, AP)	Andhra Pradesh
Grama Kovil Poojarigal Peravai (Chennai, TN)	Tamil Nadu
Hindu Seva Pratishthana (Bangalore, Karnatka)	Karnataka
Sanjeevani Sharda Kendra (Jammu, J&K)	J & K
Sewa International Bharat, New Delhi	Delhi
Sewa-in-Action, Bangalore, Karnataka	Karnataka
SwaRoopwardhinee (Pune, Maharashtra)	Maharashtra

WOMEN EMPOWERMENT NGOS

1.	Bhagini Nivedita Pratishthan, Pune	Maharashtra
2.	Chaudhry Charan Singh Girl's Hostel (Sikar, Rajasthan)	Rajasthan
3.	Dayanand Mahila Shikshan Sansthan (Jhunjhunu, Rajasthan)	Rajasthan
4.	Devi Ahilyabai Smarak Samiti (Nagpur, Maharashtra)	Maharashtra
5.	Dr. Ram Kumar Gayatri Devi Shiksha Association (Etah, UP)	Uttar Pradesh
6.	Grameen Mahila Shikshan Sansthan (Sikar, Rajasthan)	Rajasthan
7.	Mahila Parishad, Kolkata	Bengal
8.	Mahila Swavalamban Kendra (Ahmedabad, Gujarat)	Gujarat
9.	Prabodhini Trust (Bangalore, Karnataka)	Karnataka
10.	Saraswati Vidya Mandir (Mawana, District Meerut, UP)	Uttar Pradesh
11.	Sewa Bharati Delhi (Delhi)	Delhi
12.	Shiksha Bharati (Hapur, UP)	Uttar Pradesh
13.	Smt. Misri Bai Kedia Charitable Trust (Hyderabad, AP)	Andhra Pradesh
14.	Smt. Misri Bai Kedia Charitable Trust (Hyderabad, AP)	Rajasthan

Pandit Sunderlal Sharma Central Institute of Vocational Education
(PSSCIVE), 131, Zone II, M. P. Nagar, Bhopal- 462011 (M.P.)

ACADEMIC DIVISIONS

[Division of Agriculture](#)

[Division of Business and Commerce](#)

[Division of Engineering and Technology](#)

[Division of Health and Education for the Disabled](#)

[Division of Home Science](#)

[Division of Humanities Science and Education](#)

VOCATIONAL COURSES COVERED UNDER APPRENTICES ACT 1961

Agriculture area of vocation

1. Poultry Production
2. Fisheries/Fish Processing
3. Dairying
4. Sericulture
5. Apiculture
6. Floriculture
7. Plant Protection
8. Agricultural Chemicals
9. Inland Fisheries
10. Plantation Crops and Management
11. Seed Production Technology
12. Swine Production
13. Vegetable Seed production
14. Medicinal and Aromatic Plant Industry
15. Sheep and Goat Husbandry
16. Repair and Maintenance of Power Driven Farm Machinery
17. Veterinary Pharmacist-cum-Artificial Insemination Assistant
18. Agro Based Food Industry (Animal based)
19. Agro Based Food Industry (Crop based)
20. Agro Based Food Industry (Feed based)
21. Post Harvest Technology
22. Fish Seed Production
23. Fishing Technology
24. Horticulture
25. Soil Conservation
26. Crop Cultivation/ Production

Business and Commerce area of vocation

1. Banking
2. Marketing and Salesmanship
3. Office Secretaryship/ Stenography
4. Co-operation
5. Export-Import Practices and Documentation
6. Insurance
7. Purchasing and Storekeeping
8. Taxation Practices/Taxation laws/Tax Assistant
9. Industrial Management
10. Receptionist
11. Basic Financial Services
12. Office Management
13. Tourism and Travel
14. Accountancy and Auditing

Engineering and Technology area of vocation

1. Civil Construction/Maintenance
2. Mechanical Servicing
3. Audio Visual Technician
4. Maintenance and Repair of Electrical Domestic Appliances
5. Building and Road Construction
6. Building Maintenance
7. Ceramic Technology
8. Computer Technique
9. Rural Engineering Technology
10. Materials Management Technology
11. Rubber Technology
12. Structure and Fabrication Technology
13. Sugar Technology
14. Tanaries

Health and Paramedical

1. Medical Laboratory/Technology Assistant
2. Health Worker
3. Nursing
4. Health Sanitary Inspector
5. Hospital Documentation
6. Hospital Housekeeping
7. Ophthalmic Technology
8. X-ray Technician
9. Physiotherapy and Occupational Therapy
10. Multi-rehabilitation Worker
11. Bio Medical Equipment and Technician
12. Dental Hygienist
13. Dental Technician
14. Multi Purpose Health Worker
15. Pharmacist
16. ECG and Audiometric Technician
17. Nutrition and Dietetics
18. Auxiliary Nurse and Mid Wives

19. Primary Health Worker

Home Science area of vocation

1. Food Preservation
2. Child Care and Nutrition
3. Catering and Restaurant Management
4. Pre-school and Crèche Management
5. Textile Designing
6. Interior Design
7. Commercial Garment Designing and Making
8. Clothing for the Family
9. Health Care and Beauty Culture
10. Bleaching Dyeing and Fabric Painting
11. Knitting Technology
12. Institutional House Keeping

Humanities Science and Education area of vocation

1. Library and Information Science
2. Instrumental Music (Percussion Tabla)
3. Classical Dance (Kathak)
4. Indian Music (Hindustani Vocal Music)
5. Photography
6. Commercial Art
7. Physical Education
8. Bharat Natyam
9. Cotton Classifier

GENERIC VOCATIONAL COURSE CURRICULUM AND INSTRUCTIONAL MATERIAL

English Version

1. Generic Vocational Course Curriculum
2. Generic Vocational Course Class XI-Textbook
3. Generic Vocational Course Class XI-Practical
4. Generic Vocational Course Class XII-Textbook
5. Generic Vocational Course Class XII-Practical

CURRICULA

AGRICULTURE COMPETENCY BASED CURRICULA

1. Agri-business
2. Agriculture Chemicals
3. Agro-based Food Industries (Animal Based)
4. Agro-based Food Industries (Feed Based)
5. Agro-based Food Industries (Food Based)
6. Crop production
7. Dairy Technology
8. Dairying
9. Farm Mechanic
10. Fish Processing Technology
11. Fish Seed Production
12. Fishing Technology
13. Floriculture, Landscaping and Bee-keeping
14. Horticulture
15. Inland Fisheries
16. Marine Fisheries
17. Medicinal and Aromatic Plant Industry
18. Plant Protection
19. Plantation Crops and Management
20. Post Harvest Technology
21. Poultry Farming
22. Processing of Agro-forest Produce
23. Repair and Maintenance of Power Driven Machinery
24. Rural Construction Technology
25. Seed Production Technology
26. Sericulture
27. Sheep and Goat Husbandry
28. Swine Production
29. Vegetable Seed production
30. Veterinary Pharmacist-cum-Artificial Insemination Assistant
31. Veterinary Pharmacist-cum-Technician
32. Watershed Management

BUSINESS AND COMMERCE COMPETENCY BASED CURRICULA

1. Accountancy and Auditing
2. Banking
3. Basic Financial Services
4. Cooperation
5. Cooperation
6. Export and Import Practices
7. Export-Import Practices & Documentation
8. Export-Import Practices & Documentation
9. General Receptionist
10. Insurance
11. Marketing and Salesmanship
12. Office Management
13. Purchasing and Store Keeping
14. Rural Informatics Management
15. Rural Marketing
16. Stenography
17. Taxation Practices
18. Transport Service Management
19. Travel and Tourism Techniques

ENGINEERING AND TECHNOLOGY COMPETENCY BASED CURRICULA

1. Air Conditioning and Refrigeration
2. Audio-Visual Technician
3. Auto electrician (modular curriculum)

4. Automobile Engineering Technology
5. Building Maintenance
6. Clock and Watch Repair Technology
7. [Computer aided Design & Drafting](#)
8. Computer Assembly and Maintenance
9. Computer Techniques
10. Cost Effective Building Technology
11. Electronics Technology
12. Engineering Drawing and Drafting
13. [Information Technology](#)
14. [Information Technology for Visually Impaired](#)
15. Installation, Operation & Maintenance of Telecom System
16. Lineman
17. Maintenance and Repair of Electrical Domestic Appliances
18. Mechanical Engineering Technology
19. Plastic Technology
20. Printing and Book Binding Technology
21. Repair and Maintenance of Radio and TV Receiver
22. Repair, Maintenance and Rewinding of Electrical Motors
23. Rural Energy Management
24. Rural Engineering Technology
25. Software Applications

HEALTH AND EDUCATION FOR THE DISABLED COMPETENCY BASED CURRICULA

1. Health/Sanitary Inspector
2. Hospital Documentation and Record Keeping
3. Hospital House Keeping
4. Multi-rehabilitation Worker
5. Medical Laboratory Technician
6. Ophthalmic Assistant
7. Physiotherapy and Occupational Therapy
8. X-ray Technician
9. ECG & Audiometry Technician
10. Biomedical Equipment and Maintenance Technician
11. Telecom Operator (for visually impaired)
12. Physiotherapy Technician (for visually impaired)

HOME SCIENCE COMPETENCY BASED CURRICULA

1. Bakery and Confectionery
2. Catering and Restaurant Management
3. Commercial Garment Designing and Making
4. Crèche and Pre-school Management
5. Food Preservation Processing
6. Garment Grooming Technology
7. Institutional Housekeeping
8. Interior Design
9. Textile Designing

HUMANITIES SCIENCE AND EDUCATION COMPETENCY BASED CURRICULA

1. Classical Dance - Kathak
2. Commercial Art
3. Entrepreneurship Development
4. Hindustani Vocal Music
5. Instrumental Music - Tabla
6. Library and Information Science
7. Photography

NON FORMAL MODULES

AGRICULTURE NON FORMAL MODULES

CROP PRODUCTION

1. Ploughman
2. Agro-input Sales Helper
3. Seed Production Helper
4. Seed Processing Attendant
5. Seed Testing Helper
6. Rice Mill (Huller) Attendant
7. Watch and Ward Attendant
8. Tractor Operator
9. Potato Digger Operator (Animal drawn)
10. Maize Sheller Operator
11. Groundnut Digger Operator
12. Seed Grader Operator
13. Pump Operator
14. Thresher Operator
15. Dal Mill Operator
16. Oil Expeller Operator
17. Gur Maker
18. Harvester Operator
19. Transplanter Operator
20. Rice Huller Operator
21. Plant Protection Assistant
22. Store Keeper
23. Soil Testing Assistant
24. Soil Conservation Assistant
25. Combine Operator
26. Warehouse Assistant
27. Seed Production Assistant
28. Seed Procurement Assistant
29. Seed Processing Technician
30. Seed Packaging Technician
31. Tobacco Leaf Curator
32. Grain Storage Assistant
33. Irrigation Assistant
34. Farm Record Assistant
35. Village Level Worker (Gram Sevak)
36. Labour Supervisor
37. Grain Drying Technician
38. Seed Marketing Assistant
39. Seed Testing Assistant
40. Seed Certification Assistant
41. Watch and Ward Assistant
42. Meteorological Assistant
43. Jute/Mesta Retter
44. Agro-input Supervisor
45. Manure Assistant
46. Farm Machinery Mechanic
47. Farm Power Mechanic
48. Farm Electrician
49. Farm Manager
50. Sugarcane Inspector
51. Seed Certification Supervisor
52. Seed Marketing Supervisor
53. Seed Production Supervisor
54. Agro-input Distributor
55. Land Use Planning Assistant
56. Soil Reclamation Assistant

57. Crop Insurance Assistant
58. Plant Protection Supervisor
59. Watch and Ward Supervisor
60. Farm Machinery Supervisor

DAIRYING

1. Cattle Attendant
2. Calf Attendant
3. Bull Attendant
4. Dairy Farm Watchman
5. Hoof Trimmer
6. Shed Cleaner and Farm Yard Manure (FYM) Attendant
7. Hand Milker
8. Fodder Production Attendant
9. Chaff Cutter Operator
10. Carcass Handler
11. Attendant - Stores
12. Boiler Helper
13. Attendant - Effluent Treatment Plant
14. Attendant - Automobile/Transport
15. Machine Milker
16. Feed Processing Attendant
17. Animal Health Attendant
18. Parturition Assistant
19. Semen Collector
20. Artificial Inseminator
21. Farm Milk Distributor
22. Laboratory Attendant - Animal Nutrition
23. Laboratory Attendant - Animal Health
24. Laboratory Attendant - Dairy
25. Dairy Attendant - Raw Milk Reception Dock
26. Dairy Attendant - Liquid Milk Processing
27. Dairy Attendant - Indigenous Dairy Products
28. Dairy Attendant - Western Dairy Products
29. Dairy Attendant - Packaging
30. Dairy Attendant - Maintenance
31. Dairy Attendant - Refrigeration
32. Light Motor Vehicle Driver
33. Heavy Motor Vehicle Driver
34. Secretary - Dairy Co-operative Society
35. Livestock Supervisor
36. Milk Recorder
37. Fodder Production Supervisor
38. Feed Processing Supervisor
39. Laboratory Technician - Animal Nutrition
40. Animal Waste Recycling Assistant
41. Veterinary Compounder
42. Veterinary Pharmacist
43. Veterinary Vaccinator
44. Veterinary Technician
45. Artificial Insemination Supervisor
46. Semen Freezing Technician
47. Liquid Nitrogen Plant Operator
48. Dairy Farm Mechanic
49. Milk Procurement and Chilling Assistant
50. Milk Tester
51. Dairy Dock Assistant
52. Junior Technician/Plant Operator-Liquid Milk Processing
53. Junior Plant Operator - Ice-cream
54. Junior Plant Operator - Powder Plant

55. Junior Plant Operator - Cheese Plant
56. Junior Plant Operator - Butter Plant
57. Junior Plant Operator - Indigenous Dairy Products
58. Junior Plant Operator - Pouch Filling/Packaging
59. Junior Assistant - Quality Control
60. Junior Technician - Electrical
61. Junior Technician - Mechanical
62. Junior Technician - Instrumentation
63. Boiler Man Grade-II
64. Refrigeration Technician
65. Junior Technician - Transport
66. Junior Technician - Auto-electrical
67. Junior Technician - Effluent Treatment Plant
68. Milk Distribution Clerk
69. Data Entry Operator
70. Indigenous Dairy Products Manufacturer Halwai)
71. Store Assistant - Dairy
72. Purchase Assistant - Dairy
73. Dairy Farm Manager
74. Embryo Transfer Technician
75. Cattle Judge and Scorer
76. Dairy Automation Supervisor
77. Data and Record Processor (Dairy Farm)]
78. Senior Technician - Butter
79. Senior Technician -Powder
80. Senior Technician - Electrical
81. Senior Technician - Mechanical
82. Senior Technician - Instrumentation
83. Senior Technician - Refrigeration
84. Boiler Grade - I
85. Senior Technician - Automobile
86. Senior Technician - Quality Control
87. Distribution Assistant
88. Sales Promotion Organiser-Liquid Milk and Milk Products
89. Programmer
90. System Analyst

FISHERIES

1. Basket Maker and Packager (IF)
2. Fisherman/Net-Maker and Mender (IF)
3. Net Maker/Net Mender (FT)
4. Lascar/Khalasi/Cook (FT)
5. Lab Attendant/Lab Cleaner (FT)
6. Lab Attendant/Craft Attendant (FT)
7. Painter (FT)
8. Peeler, Dresser and Grader (FPT)
9. Seed Collector (MFH)
10. Hatchery Attendant (MFH)
11. Fishermen (Capture) (MFCP)
12. Net Maker/Net Mender (MFCP)
13. Fieldman - Pearl Culture (MFCL)
14. Fieldman - Edible Oyster and Mussel Culture (MFCL)
15. Fieldman - Seaweed Culture (MFCL)
16. Fieldman - Shrimp Culture (MFCL)
17. Fieldman - Crab Culture (MFCL)
18. Mason (Engineering)
19. Refrigerated Van Driver (Engineering)
20. Fishing Hand/Deck-Hand on Board (FT)

21. Greaser/Engine Room Assistant/Oil-Man (FT)
22. Electrical Assistant (FT)
23. Carpenter - Boats (FT)
24. Fabricator/Welder/Machinist (FT)
25. Filletter (FPT)
26. Refrigeration/Freezing Assistant (FPT)
27. Electrician (MFH)
28. Deck Attendant (MFCP)
29. Cook (MFCP)
30. Greaser/Engine Room Assistant/Oil-Man (MFCP)
31. Electrical Assistant (MFCP)
32. Transportation Assistant (MFCL)
33. Fish Breeder (IF)
34. Field Assistant (IF)
35. Farm Technician- Fresh Water (IF)
36. Cage/Raft/Pen Culture Assistant (IF)
37. Feed Technician (IF)
38. Aquarist (IF)
39. Farm Electrician (IF)
40. Tindal/Syrang/Bosun (FT)
41. Launch Driver (up to 40 HP)/ Engine Driver (40-120 HP) (FT)
42. Engine Driver /Engineer (FT)
43. Mechanic - Marine Diesel Engines (FT)
44. Net Making Supervisor (FT)
45. Radio Telephone Operator (Store Station) (FT)
46. Craft Maintenance Supervisor (FT)
47. Fish Processing Assistant (FPT)
48. Fish Curing Assistant (FPT)
49. Packaging Assistant (FPT)
50. Product Development Assistant (FPT)
51. Sand Filter Operator (MFH)
52. Hatchery Operator (Shrimp) (MFH)
53. Hatchery Operator (Oyster and Mussels) (MFH)
54. Feed Technician (MFH)
55. Farm Assistant (Seaweed) (MFH)
56. Soil /Water Analyst (MFH)
57. Deck Assistant (MFCP)
58. Tindal/Syrang/Bosun (MFCP)
59. Engine Driver (1st and 2nd Class)(MFCP)
60. Engineer (2nd Class) (MFCP)
61. Mechanic - Marine Diesel Engine (MFCP)
62. Refrigeration Assistant (MFCP)
63. Fishing Net Operation Assistant (MFCP)
64. Communication Assistant (MFCP)
65. Farm Assistant (MFCL)
66. Farm Assistant - Integrated Farming (MFCL)
67. Field Technician (MFCL)
68. Mariculture (Cage/Raft/Pen/Rope) Assistant (MFCL)
69. Soil/Water Analyst (MFCL)
70. Implanter (Pearl Culture) (MFCL)
71. Farm Supervisor (IF)
72. Hatchery Operator (Prawn) (IF)
73. Land Surveyor and Farm Designer (IF)
74. Fishing Gear Technician (FT)
75. Skipper (FT)
76. Engineer 1st class (>400 HP) (FT)
77. Naval Architect (FT)
78. Lab Assistant/Quality Control Assistant (FPT)
79. Marketing Assistant (FPT)
80. Product Development Supervisor (FPT)

81. Quality Supervisor for Fresh Fish Procurement (FPT)
82. Live Feed Culturist (MFH)
83. Hatchery Supervisor (Marine) (MFH)
84. Skipper(MFCP) 85. Engineer (MFCP)
86. Supervisor (Mariculture Operations) (MFCL)
87. Supervisor (Marine Products Marketing) (MFCL)

HORTICULTURE

1. Gardener/Mali
2. Nurseryman (Fruit and Plantation Crops)
3. Field Worker
4. Nurseryman (Ornamental and Vegetable Crops)
5. Lab Attendant (Tissue Culture)
6. Lab Attendant (Mushroom Cultivation)
7. Seed Production Helper
8. Seed Processing Helper
9. Seed Testing Helper
10. Watch and Ward Attendant
11. Field Technician (Fruit Crops)
12. Field Technician (Ornamental and Vegetable Crops)
13. Field Worker (Harvesting and handling)
14. Grader and Packager
15. Greenhouse Assistant
16. Bee-keeper
17. Plant Propagation Assistant
18. Vineyard Assistant
19. Field Technician (Aromatic and Medicinal Plants)
20. Storage Assistant
21. Marketing Assistant
22. Plant Protection Assistant
23. Farm Machinery Mechanic
24. Field Technician (Plantation Crops)
25. Seed Production Assistant
26. Seed Processing Assistant
27. Seed Packaging Technician
28. Cut Flower Assistant
29. Greenhouse Supervisor
30. Lab Technician (Tissue Culture)
31. Lab Technician (Mushroom Cultivation)
32. Landscaping Assistant
33. Bee-Keeping Assistant
34. Irrigation Assistant
35. Farm Record Assistant
36. Field Supervisor (Fruit Crops)
37. Field Supervisor (Ornamental and Vegetable Crops)
38. Storage Supervisor
39. Pack House Operator
40. Quarantine Assistant
41. Marketing Supervisor
42. Plant Protection Supervisor
43. Farm Manager (Horticultural Crops)
44. Manager (Plantation Crops)
45. Seed Production Supervisor
46. Seed Processing Supervisor
47. Manager (Tissue Culture)
48. Pathologist (Mushroom Cultivation)
49. Landscaping Supervisor
50. Vineyard Supervisor
51. Field Supervisor (Aromatic and Medicinal Plants)
52. Watch and Ward Supervisor

53. Crop Insurance Assistant
54. Farm Machinery Supervisor

SERICULTURE

1. Farm Worker
2. Nursery Worker
3. Rearing Worker
4. Carpenter
5. Grainage Worker
6. Reeler
7. Winding Worker
8. Cocoon Handicrafts Developer
9. Nursery Assistant
10. Disinfection Assistant
11. Cocoon Marketing Attendant
12. Grainage Assistant
13. Cocoon Cook
14. Twisting Assistant
15. Weaver (Loom Operator)
16. Dyeing Worker
17. Dupion Yarn Reeler
18. Plant Protection Assistant
19. Farm Machine Mechanic
20. Irrigation Assistant
21. Young Age Silkworm Rearing Assistant
22. Moth Tester
23. Cold Storage Assistant
24. Master Reeler
25. Boiler Attendant
26. Reeling Unit Mechanic
27. Record Keeper
28. Twisting Master
29. Warping Operator (Twisting)
30. Twisting Machinery Maintenance Mechanic
31. Loom Supervisor
32. Designer-cum-Screen Printer
33. Dyeing Master
34. Farm Manager (Mulberry Farm)
35. Rearing Supervisor
36. Sericulture Consultant
37. Grainage Manager
38. Seed Cocoon Purchase Supervisor
39. Quality Tester (Reeling Unit)
40. Reeling Supervisor
41. Reeling Cocoon Purchaser
42. Cooking Supervisor
43. Reeling Unit Manager
44. Warping Operator (Weaving)
45. Master Weaver
46. Reeling Consultant
47. Farm Supervisor
48. Store Supervisor

ENGINEERING AND TECHNOLOGY NON FORMAL MODULES

BUILDING CONSTRUCTION

1. Layout Marker
2. Excavation Attendant

3. Mazdoor
4. Mason Attendant
5. Carpenter Attendant
6. Fitter Attendant
7. Plumber Attendant
8. White Washer
9. Wiremen Assistant
10. Welder Attendant
11. Glass Fitter Attendant
12. Store Keeper Assistant
13. Mason
14. Carpenter
15. Fitter / Bar binder
16. Plumber
17. Painter
18. Concrete Vibrator Operator
19. Mixer Operator
20. Diesel Water pump Operator
21. Crane Operator
22. Electrical Wiremen
23. Tiles Polishing Machine Operator
24. Glass Fitter
25. Welder
26. Specialised Mason
27. Senior Mason
28. Senior Carpenter
29. Senior Plumber
30. Building Construction Supervisor
31. Store Keeper
32. Building Maintenance Supervisor
33. Master Mason
34. Master Carpenter
35. Master Fitter / Bar binder
36. Master Plumber
37. Master Painter
38. Building Construction Manager
39. Store Supervisor
40. Building Maintenance Manager

ELECTRICAL ENGINEERING

1. Attendant (Work)
2. Attendant (Automobile)
3. Electrical Helper
4. Electronics Helper
5. Audio-Visual Aids Operator
6. Maintenance of Control Panel
7. Earthing Installer
8. FHP Motor Repair
9. Cable Jinter
10. Electrician (Domestic Wiring)
11. Electrician (Industrial Wiring)
12. Kitchen Appliances Repairer
13. Domestic Appliances Repairer
14. FHP Motor Rewinder/Winder
15. Maintenance and Repair of Industrial Motor
16. Control Panel Wireman
17. Control Panel Installer
18. Maintenance and Servicing Technician
19. Audio-Visual Aids Repairer
20. Non-Conventional Energy Devices Technician

21. Agricultural Implements Technician (Multi-Skilled)
22. Electrical Laboratory Instrument and Devices Repairer.
23. S M P S Repairer.
24. Inverter Repairer.
25. Water Level Controller Repairer.

HOME SCIENCE NON FORMAL MODULES

1. Preservation by dehydration
2. Garment finishing and decoration
3. Stitching
4. Indian sweets
5. Ceramic work
6. Paper Mache Art
7. Wool Knitting

PREVOCATION MODULES

AGRICULTURE PREVOCATIONAL MODULES		PRICE
1	Bee-Keeping	19.00
2	Biofertilizers	25.00
3	General Horticulture	10.20
4	<i>Jave-urvarak</i> (Hindi)	20.00
5	Milk and Milk Products	07.45
6	Milk Production and Handling	07.50
7	Mushroom Cultivation	20.00
8	Mushroom-Ki-Kheti (Hindi)	22.00
9	Plant Protection	06.05
10	Tree-rearing, Social and Agro-Forestry	10.00
11	Vermiculture	17.00
SN	BUSINESS AND COMMERCE PREVOCATIONAL MODULES	PRICE
1	Basic Book-keeping	10.70
2	Basic Office Practice	8.75
3	Typewriting Part-I	20.00
SN	ENGINEERING & TECHNOLOGY PREVOCATIONAL MODULES	PRICE
1	A Practical Manual for Internet Café	65.00
2	Beginning with Visual Basic	50.00
3	<i>Gharelu Vidyut Upkarno Ki Marammat Avum Anurakshan</i>	14.00
6	<i>Gharelu Wiring</i>	11.00
7	Introduction of Plumbing	5.05
8	Introduction to House wiring	10.65
9	Repair and Maintenance of Household Electrical Appliances	10.95
10	Repair and Maintenance of Plant Protection Equipment	24.00
11	Repair and Maintenance of Power Thresher	19.00
12	Repair and Maintenance of Tillage and Sowing Equipment	15.00
13	Scooter and Motor Cycle Repair and Maintenance Part-I	7.90
14	Wood Craft	6.05
SN	HEALTH & EDUCATION FOR THE DISABLED PREVOCATIONAL MODULES	PRICE

- 1 Anatomy
- 2 Blood Bank Operation
- 3 Clinical Biochemistry
- 4 Clinical Pathology
- 5 Communicable Diseases
- 6 Hist-technology
- 7 Laboratory Set-up and procedure
- 8 Microbiology
- 9 Physiology
- 10 Public Health Entomology
- 11 Serology

SN	HOME SCIENCE PREVOCAIONAL MODULES	PRICE
1	Bans Kala	24.00
2	Batik	15.00
3	Care of the Household	5.75
4	Gudiya Nirman	18.00
5	Leather Work	3.20
6	Meals for the Family	6.25
7	Preparation of Bread and Other Yeast Leavened Products	13.00
8	Preservation of Fruits & Vegetables by Drying & Dehydration	14.00
9	Preservation of Fruits & Vegetables using Salt, Vinegar & Oil	15.00
10	Production of Cosmetics	15.00
11	Soft Toys	25.00
12	Textile Care and Design	4.80
13	Tie and Dye	15.00

SN	HUMANITIES SC & EDUCATION PREVOCAIONAL MODULES	PRICE
1	Kastha Kala (Hindi)	8.50
2	Photography (Class IX)	4.80
3	Photography (Class IX - Hindi)	6.50
4	Photography (Class X - Hindi)	9.50
5	Photography (Class X)	5.50

CURRICULUM DESIGN

The curriculum design, recommended at the national level by the PSSCIVE, NCERT for vocational courses consists of three components with the following weight age

Component	Weightage
Part A	
1. Language (s)	
2. General Foundation Course (GFC)	
<ul style="list-style-type: none"> • General Studies • Rural Development • Environmental Education • Entrepreneurship Development • Information and Communication Technology 	30%

3. Health and Physical Education	
Part B	
Vocational Theory and Practice including On-the Job Training	70 %

The GFC curriculum developed by NCERT is recommended as a compulsory component of all vocational courses at the +2 stage.

The curriculum transaction in vocational education has three major components:

1. Education and basic skill training in schools
2. Specialised skill training in collaborating institutions
3. On-the-job training in actual job situations.

After the completion of the course, the vocational graduate has the option to go for [Apprenticeship training](#) in Industries/ Organisations/ Agricultural Farms, etc .

Sn	Vocational Course	Class	Textbook	Practical
I	Dairying			
1	Dairy Animal Management	XI	29.00	10.50
2	Forage Production and Conservation	XI	14.00	14.00
3	Feeds and Feeding of Dairy Animals	XII	48.00	9.50
4	Milk and Milk Products (Ref. book)	XII	20.00	13.45
II	Dairy Technology			
1	Milk Processing	XI	34.00	27.00
2	Dairy Prod. and Quality of Milk	XI	78.00	
3	Dairy Engineering	XI	78.00	30.00
4	Dairy Products I	XII	32.00	22.00
5	Dairy Products II	XII	49.00	32.00
6	Dairy Management	XII	42.00	
III	Horticulture			
1	Fruit Production	XI	88.00	
2	Fundamentals of Horticulture			46.00
3	Vegetable Production			31.00
4	Fruit Production			27.00
5	Vegetable Crops			7.20
6	Plant Propagation			7.50
7	Fundamentals of Fruit Production			8.45
8	Fruit Culture			7.85
9	Plant Protection			4.50
10	Floriculture			8.45
IV	Crop Production			
1	Elements of Crop Production	XI	29.00	
2	Soil and its Properties			10.45
3	Weeds and Weed Control			5.75

4	Manures and Fertilizers			6.90
5	Water Management			8.70
6	Agricultural Meteorology			4.75
7	Crop Management			10.10
8	Elements of Crop Production			24.00
V	Sericulture			
1	Moriculture	XI		7.00
2	Silkworm Biology and Rearing	XI		7.00
3	Mulberry & Silkworm Crop Production	XI		7.00
4	Silkworm Seed Production Technology	XII		6.00
5	Silk Reeling, Testing and Spinning	XII		8.00
6	Sericulture Extension and Management	XII		7.00
7	Sericulture for Prosperity (Ref. book)			68.00
VI	Fisheries			
1	Inland Fisheries (General)	XI		8.00
2	Nursery Management	XI		7.00
3	Reservoir Fisheries	XI		4.00
4	Fish Breeding & Fish Seed Production	XII		6.30
5	Aquaculture	XII		4.50
6	Fisheries Management & Extension	XII		5.00
7	Fish Breeding and Seed Production	XII		30.00
8	Fish Breeding (Ref. book)			12.50
9	Fish Culture (Ref. book)			31.00
VII	Poultry Farming			
1	Poultry Diseases and their Control	XII		24.00
2	Poultry Production and Breeding	XII		24.00
	Miscellaneous			
1	Modules in Agriculture & Engineering for Persons with Mental Retardation	62.00		
2	Compendium of Projects for Establishing Small Enterprises in Agriculture	57.00		

Sn	Vocational Course	Class	Textbook	Practical
I Dairying				
1	Dairy Animal Management	XI	29.00	10.50
2	Forage Production and Conservation	XI	14.00	14.00
3	Feeds and Feeding of Dairy Animals	XII	48.00	9.50
4	Milk and Milk Products (Ref. book)	XII	20.00	13.45
II Dairy Technology				
1	Milk Processing	XI	34.00	27.00
2	Dairy Prod. and Quality of Milk	XI	78.00	
3	Dairy Engineering	XI	78.00	30.00
4	Dairy Products I	XII	32.00	22.00
5	Dairy Products II	XII	49.00	32.00
6	Dairy Management	XII	42.00	
III Horticulture				
1	Fruit Production	XI	88.00	
2	Fundamentals of Horticulture			46.00
3	Vegetable Production			31.00
4	Fruit Production			27.00
5	Vegetable Crops			7.20
6	Plant Propagation			7.50
7	Fundamentals of Fruit Production			8.45
8	Fruit Culture			7.85
9	Plant Protection			4.50
10	Floriculture			8.45
IV Crop Production				
1	Elements of Crop Production	XI	29.00	
2	Soil and its Properties			10.45
3	Weeds and Weed Control			5.75
4	Manures and Fertilizers			6.90
5	Water Management			8.70
6	Agricultural Meteorology			4.75
7	Crop Management			10.10
8	Elements of Crop Production			24.00
V Sericulture				
1	Moriculture	XI		7.00
2	Silkworm Biology and Rearing	XI		7.00
3	Mulberry & Silkworm Crop Production	XI		7.00
4	Silkworm Seed Production Technology	XII		6.00
5	Silk Reeling, Testing and Spinning	XII		8.00
6	Sericulture Extension and Management	XII		7.00
7	Sericulture for Prosperity (Ref. book)			68.00
VI Fisheries				
1	Inland Fisheries (General)	XI		8.00
2	Nursery Management	XI		7.00
3	Reservoir Fisheries	XI		4.00
4	Fish Breeding & Fish Seed Production	XII		6.30
5	Aquaculture	XII		4.50
6	Fisheries Management & Extension	XII		5.00
7	Fish Breeding and Seed Production	XII		30.00
8	Fish Breeding (Ref. book)			12.50
9	Fish Culture (Ref. book)			31.00
VII Poultry Farming				
1	Poultry Diseases and their Control	XII		24.00
2	Poultry Production and Breeding	XII		24.00

AGRICULTURE INSTRUCTIONAL MATERIAL

Sn	Vocational Course	Class	Textbook	Practical
I	Rural Engineering Technology			
1	Material Application	XI	35.00	17.00
2	Soil and Water Management	XII	28.00	26.00
3	Farm Machinery and Processing Equipment	XII	34.00	
4	Energy Application II	XII	31.00	
II	Building Maintenance			
1	Building Material Paper-I	XI	44.00	14.00
III	Mechanical Engineering Technology			
1	Engineering Science and Mechanical Measurement	XI	23.00	
IV	Workshop Technology			
1	Workshop Technology	XI	35.00	
2	Laboratory Manual for Automobile Servicing	XI		12.50
V	Maintenance and Repair of Electrical Domestic Appliances			
1	Domestic Appliances Repair Volume I	XI		15.00
2	Domestic Appliances Repair Volume II	XI		9.00
3	Domestic Appliances Repair Volume III	XI		8.00
4	Domestic Appliances Repair Volume IV	XII		17.00
5	Domestic Appliances Repair Volume V	XII		16.50
6	Domestic Appliances Repair Volume VI	XII		19.00
VI	Lineman			
1	Elements of Electrical Tech. Volume I			7.45
2	Elements of Electrical Tech. Volume II			8.00
3	Lineman Practice Volume I			11.75
4	Lineman Practice Volume II			11.00
5	Basic Materials Volume I			4.50
6	Basic Materials Volume II			4.50
7	Electrical Wiring, Estimating and Costing			22.50
VII	Electronic Technology			
1	Basic Electronics Technology			69.00
2	Practical Manual on Electronics Volume I			25.00
VIII	Repair, Maintenance and Rewinding of Electric Motors			
1	Elements of Electrical Technology	XI		32.00
2	Electrical Motors D.C. and A.C.	XI		49.50
	Material and Workshop Practice	XI		35.50

3				
4	Motor Winding Practice	XI		26.50
5	Motor Maintenance and Repair Practice	XI		27.50
6	Motor Control and Testing	XI		21.50

BUSINESS AND COMMERCE INSTRUCTIONAL MATERIAL

Sn	Vocational Course	Class	Textbook	Practical
	I Office Management			
1	Office Procedure and Practice Part-I	XI	25.00	
2	Typewriting Part-I	XI	20.00	22.00
3	Introduction to Computer Application	XII		14.00
	II Purchasing and Store Keeping			
1	Elements of Store Keeping	XI	23.00	
2	Elements of Purchasing	XI	23.00	
3	General Commercial Knowledge	XI		

ENGINEERING AND TECHNOLOGY INSTRUCTIONAL MATERIAL

HEALTH AND EDUCATION FOR THE DISABLED INSTRUCTIONAL MATERIAL

Sn	Vocational Course	Class	Textbook	Practical
	Hospital Documentation and Record Keeping			
	I Keeping			
1	Public Health Entomology		4.50	
2	Communicable Diseases		11.50	
3	Microbiology		13.50	
	II Medical Lab Technician			
1	Anatomy		7.00	

HOME SCIENCE INSTRUCTIONAL MATERIAL

Sn	Vocational Course	Class	Textbook	Practical
	I Textile Designing			
1	Textile Craft	XI	29.00	
	II Bakery and Confectionery			
1	Basic Confectionery	XI	23.00	
	III Food Preservation and Processing			
1	Food Preservation Techniques	XI	22.00	
2	Food Microbiology and Quality Assurance	XI	25.00	
3	Food Packaging	XII	18.00	

HUMANITIES SCIENCE AND EDUCATION INSTRUCTIONAL MATERIAL

Sn	Title of the book	Price
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1	GFC: Environment and Development	74.00
2	GFC: Guide to Green Citizenship Practical workbook on Environmental Education	90.00

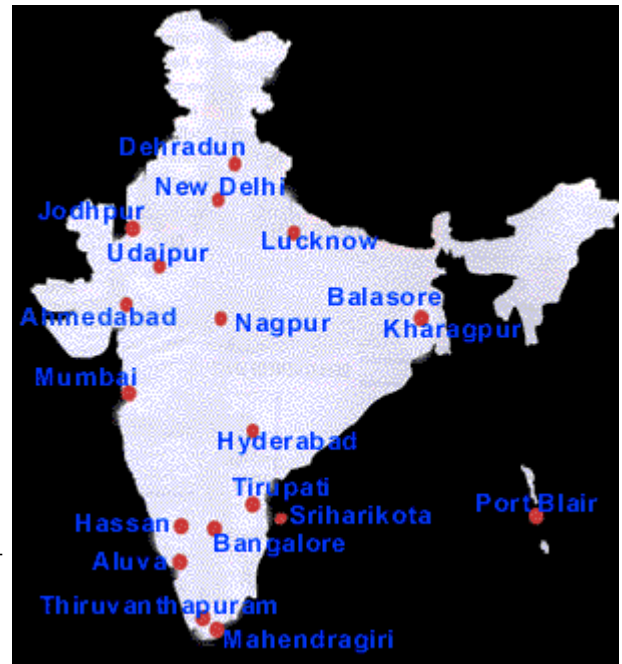
ISRO Centres

The Department of Space (DOS) has, over the years, built up a strong research and development and technology base with necessary infrastructure and manpower for implementing the space programme.

The various space centres of DOS are as follows:

- Vikram Sarabhai Space Centre (VSSC)
- ISRO Satellite Centre (ISAC)
- Satish Dhawan Space Centre, SHAR
- Liquid Propulsion Systems Centre (LPSC)
- Space Applications Centre (SAC)
- Development and Educational Communication Unit (DECU)
- ISRO Telemetry, Tracking and Command Network (ISTRAC)
- INSAT Master Control Facility (MCF)
- ISRO Inertial Systems Unit (IISU)
- National Remote Sensing Agency (NRSA)
- Regional Remote Sensing Service Centres (RRSSC)
- Physical Research Laboratory (PRL)

National Mesosphere/Stratosphere Troposphere Radar Facility (NMRF)



Details of Technology Resource Centres of CAPART

<u>Agency</u>	<u>Area of Specialization</u>
Andhra Pradesh:	
1. Sh. S. Ramachandran Secretary Nettur Technical Training Foundation Gannavaram, Devajigudem, District – Krishna, A.P. – 521 001. (Tel: 08676-252472 Fax: 08676-252982) E-mail: pplgtc@ntfftrg.com	* Tool and Die Making * Low cost housing * Energy efficient devices
2. Shri Venkat Ramnaya President Youth for Action Plot # 162, H.No. 1-2-593/50, Sri Nilayam, Sri Sri Marg, Street No: 4, Lane No: 5, Near Bala Saibaba Temple, Gaganmahal, Domalguda, Hyderabad, Andhra Pradesh Ph. No. 040-27632474 Fax No. 040-27632372 E-mail: yfa@hd1.vsnl.net.in	* Dry land farming * Soil and water management * Composting technology * Nursery technique * Tissue culture and micro propagation * Organic farming * Integrated pest management
Bihar:	
3. Dr. A.K. Basu Secretary Society for Rural Industrialization Bariatu, District – Ranchi, Jharkhand - 834009 (Tel: 0651-2540927, 2547987, 2547149 Telefax: 0651-2540668 E-mail: sri_iri@yahoo.com	* Land & Water Management * Aquaculture * Integrated Rural Development * Non-formal technical training * Sustainable Agriculture * Wood gasifier
4. Shri Ashok Bhagat Vikas Bharati Bishunpur, Distt. Gumla, Jharkhand (Ph. & Fax no. 06523-274306, 274356) Fax: 06523-274330, 2545836 E-mail: ashokbhagat19@hotmail.com	* Food processing * Bee keeping * Artisanal training * Organic farming * Cultivation of herbal medicines
Gujarat:	
5. Shri Giriraj Singh Director Social Action for Rural and Tribal Inhabitants (SARTHI) At & PO Godhar West Taluka – Santrampura Panchmahal, Gujarat Ph. No. 02675-39306 Fax No. 02675-39370	* Biogas Plants * Medicinal Plants * Food Preservation * Soil & Water Conservation * Bio- Fertilizer

Himachal Pradesh

6. Shri Dharamvir Singh
Executive Director
[Rural Centre for Human Interests \(RUCHI\)](#)
Shalana, Rajgarh,
District – Sirmour, Himachal Pradesh
(Tel: 91-1792-82454
Tel fax: 91-1792-282516)
E-mail: ruchin@del3.vsnl.net.in
- * Crematorium
 - * Rain water harvesting
 - * NADEP composting
 - * Handlooms
 - * Angora Rabbit Farming
7. Shri Joginder Walia
[Society for Technology and Development](#)
Vill-Malori, PO-Behna,
Tehsil-Sadar, District-Mandi
Himachal Pradesh-175006
(Tel: 01905-223354, 225761
Fax: 225507)
E-mail: stdpsn@sancharnet.in
- * Leather Tanning
 - * Leather Products
 - * Bone Utilization
 - * Fruit Processing
 - * Nursery
 - * Blacksmithy
 - * Cold Storage
 - * Pottery
 - * Construction

Karnataka:

8. Dr. H. Sudarshan
[Vivekananda Girijana Kalyan Kendra](#)
B.R Hills, Yalandur Taluk
Chamrajnagar Distt. Karnataka
(Tel: 08226-744025
Fax: 744018,
E-mail: vgkkbrh@sancharnet.in
- * Bio-diversity
 - * Food processing
 - * Sustainable harvesting
 - * Composting techniques

Kerala:

9. Shri K. Vishvanathan
[Mitraniketan](#), PO – Mitraniketan,
Vellanad – 695 543. Kerala
Ph. No. 0472-882045, 451564
Fax: 0471-333612, 333614
Fax: 0472- 2882045
E-mail: kvmitra@satyam.net.in
- * Artisanal crafts
 - * Sericulture
 - * Organic farming
 - * Nursery raising
10. Fr. Augustine Kariapuram
Executive Director
The Programme Director
[Peermade Development Society \(PDS\)](#)
Peermade, PO Box – 11
Kerala – 685531
Ph. No. 04869-232197, 232725, 232496,
Fax: 4869-232096
E-mail: pedes@md2.vsnl.net.in,
pedes@satyam.net.in
- * Sustainable agriculture
 - * Animal husbandry
 - * Watershed development
 - * Medicinal Plants conservation
 - * Traditional system of health care
 - * Rural Entrepreneurship development
 - * Rural technology promoters
 - * Transfer & skill upgradation

Maharashtra:

11. Shri Soham Pandaya
General Secretary
[Centre of Science for Villages \(CSV\)](#)
Magan Sangrahalaya
Kumarappa Road, Wardha,
Maharashtra – 442 001.
Ph. No. 07152-450082, 40066,249545
Fax No. 07152-247561, 241780, 40066
E-mail: soham_csv@rediffmail.com
- * Construction (mud base)
 - * Non-formal technical training
 - * Non-conventional energy devices
 - * Organic Farming
 - * Rock-bee Honey

12. Sh. Yogesh Kulkarni
Dy. Director
[Vigyan Ashram](#)
Post Pabal, District – Pune,
Maharashtra – 412 403.
Ph. No. 02138-252326
E-mail: vashram@vsnl.com
- * Construction
 - * Transportation
 - * Animal husbandry
 - * Non-formal technical education
13. Dr. A.D. Karve
President
[Appropriate Rural Technology Institute](#)
Maninee Apartments, Survey no. 13,
Opposite Pure Foods Co.,
Dhayarigaon, Pune- 411 041
Maharashtra
Ph. No. 020-24390348, 24392284
Fax No. 020-24390348
E-mail: arti_pune@vsnl.net
- * Improved nursery technique
 - * Rural energy
 - * Tissue culture and micro propagation
 - * Organic farming
 - * Bamboo technology
- Madhya Pradesh:**
14. Dr. A.K. Khare
[Madhya Pradesh Vigyan Sabha \(MPVS\)](#)
Gyan Vigyan Parisar
Village: Sagonikalan
Post: Koluva Khurd
Raisen Road, Bhopal-462021 (MP)
Ph. 0755-3094783
E-mail: mpvigyan@bom6.vsnl.net.in
- * Aquaculture
 - * Medicinal Plants
 - * Carcass Utilization
 - * Bamboo craft, Fibre extraction
 - * Organic Farming
 - * Food, NTFP processing
- Rajasthan**
15. Shri Sanjit (Bunker)Roy
Director
[The Social Work & Research Centre](#)
Tilonia, Madanganj, District – Ajmer,
Rajasthan – 305 816.
(Tel: 01463-88204, 88211, 88209)
Fax: 01463-88206
E-mail: barefoot@sanchar.net
- * Drinking Water
 - * Construction
 - * Communication
 - * Handicrafts
 - * Solar lights
- Tamil Nadu:**
16. Dr. M. Velayutham
Executive Director
[M.S. Swaminathan Research Foundation,](#)
3rd Cross Street (MSSRF)
Taramani Institutional Area,
Chennai – 600 113.
Tamil Nadu
(Tel: 044-22541229, 22542698)
Fax: 22541319
- * Integrated Nutrient Management
 - * Integrated Pest Management
 - * Water harvesting
 - * Ecological farming
 - * Bio-pesticides
 - * Bio diversity conservation
17. Shri G. Vasudeo
[Vivekananda Kendra](#)
Vivekanandapuram, Kanyakumari,
Tamil Nadu – 629 702.
Ph. No. 04652-246296
Fax No.04652-247177, 247012
E-mail: ngc_vknaardep@sancharnet.in
- * Low cost housing
 - * NADEP composting
 - * Vermi composting
 - * Low cost sanitation
 - * Energy – Biogas plant
 - * Traditional Health System
 - * Publication of Manuals on
various technologies
 - * Skill training
 - * Water harvesting

18. Dr. P.N.Raju
Acting Director
[Shri AMM Murugappa Chettiar](#)
Research Center (MCRC)
Photosynthesis & Energy Division
Tharamani,
Chennai- 600113
Tamil Nadu
(Tel: 044-22430937
Fax: 044-22430369)
E-mail: energy1@vsnl.com
- * Handmade Paper
 - * Natural Dyes
 - * Algal Cultivation
 - * Bio-dynamic Gardening
 - * Tree Planting
 - * Organic Farming
 - * Construction Technology
 - * Fish Aggregating Devices
 - * Solar Stills
 - * Green Houses
19. Dr. Rajgopalan
[Gandhigram Trust](#)
Gandhigram, Distt. Dindigul
Tamil Nadu
(Tel: 0451-452326
Fax: 91-451-454466)
E-mail: ggmtrust@sify.com
- * Medicinal plants
 - * Brass Vessel
 - * Food processing
 - * Bio-pesticides
- Tripura:**
20. Shri Mihirlal Roy
[Centre for Social Work and Research](#)
H.G. Basak Road, Melarmath,
Agartala, West Tripura
(Tel: 0381 32 9022
Fax: 0381-2384780, 224780)
E-mail: agartala_csr@yahoo.com
- * Vegetable Tanning
 - * Processing of fruits/vegetables
 - * Nursery Raising
 - * Artisanal Pottery
 - * Artisanal Blacksmithy
 - * Mushroom Cultivation
 - * Fish-seed Hatchery
 - * Piggery, Low cost building material
 - * Rabbit-Farming
- Uttaranchal:**
21. Dr. Anil P. Joshi
Secretary
[Himalayam Environmental Studies & Conservation Organisation \(HESCO\)](#)
Vigyanprashta, Gwarchoki,
Goltir, Chamoli Garhwat,
Uttaranchal. – 246 436.
(Tel: 0135-642391, 642736)
Fax: 0135-642736, 642391
- * Biomass utilization
 - * Low cost housing
 - * Gasifier
 - * Water mill
 - * Fruit processing
 - * NADEP Composting
 - * Herbal medicines
- West Bengal:**
22. Dr. B.K. Dutta
Principal Scientist
[Shri Ramkrishna Ashram](#)
(Vivekananda Institute of Bio-Technology)
PO-Nimpith Ashram, 24-Parganas
West Bengal
(Tel: 03218-226003
Fax: 03218-226201, 221666)
E-mail: bkdatta_sranvib@rediffmail.com
bkdattavib@yahoo.com
- * Bio-fertilizer
 - * Economically useful plants
 - * Tissue culture
 - * Hybrid seeds
 - * Mushroom
 - * Information Technology
 - * Processing of produce
 - * Housing/construction technology

List of Core Supported Groups

Formerly Core Supported Groups

- Dr Ashok Khosla
Development Alternatives
B-32, Tara Crescent
Qutab Institutional Area
New Delhi - 110016
Phone : 91-11-685-1158, 696-7938
Fax : 91-11-686-6031
Email : tara@sdalt.ernet.in
Website: - www.devalt.org
- Dr. M.P. Parameswaran
Integrated Rural Technology Centre (IRTC)
Mundur, Palakkad
Kerala - 678 592
Email: irtc@vsnl.com
- Dr. T. M. Vatsala
Shri AMM Murugoppa Chettiar Research Centre (MCRC) Tharamani, Chennai, Tamil Nadu, Pin – 600 113.
Email: - energy1@vsnl.com
Website: <http://eductaion.vsnl.com/mcrc>
- Centre of Science for Villages
Wardha, Maharashtra
- Dr. Anil P. Joshi
Director
Himalayan Environmental Studies & Conservation Organisation (HESCO)
Village Ghisadpadi, P.O. Mehuwala, Via Majra,
District Dehradun – 248 001 (U P)
Email: - hesco1@sancharnet.in
Website: www.hescoindia.com
- Fr. Hubby Mathew
Peermade Development Society
Post Box 11, Peermade – 685 531
Idukki Dist., Kerala.
Email: pedes@md2.vsnl.net.in ; pedes@satyam.net.in
Website: <http://www.sahyadri.org>
- Dr. D Raghunandan
Secretary
Society for Economic & Social Studies,
B-1 2nd Floor, LSC J-Block
Saket, New Delhi - 110 017
Email: ctdds@vsnl.com
- Shri T.R. Chandra Datt
Director
Centre for Science & Technology for Rural Development (COSTFORD)
Nirmithi Kendra Complex,
Ayyanthole, Thruissur – 680 003 (Kerala).
- Prof. B. E. Vijayam
PROGRESS
Prakash Nilayam 12-13-626 Nagarjuna Nagar
Tarnaka Hyderabad 500 017.
Email: progres@hd2.vsnl.net.in
- Dr. Ajay Kumar Khare
Madhya Pradesh Vigyan Sabha
9A, Civil Lines, Mumtaz Manzil,

- Professor Colony, District: Bhopal,
Madhya Pradesh- 462 003
- Dr. B. S. Pathak
Sardar Patel Renewable Energy Research Institute
Post Box No. 2
Vallabh Vidyanagar- 388 120
Gujarat , India
Phone : +91 - 2692 - 235011, 231332
Fax : +91 - 2692 - 237982
E-Mail : Director@Spreri.Org
Website: www.spreri.org
 - Shri Yogesh Kulkarni
Vigyan Ashram
Pabbal, Pune
Website:www.vigyanashram.com
 - Dr. A.K. Basu
Society for Rural Industrialization (SRI),
Bariatu, Ranchi – 834 001.
Email: rupcon@bitsmart.com
Ph: 0 651-305574, 0651-540668

Ongoing Core Supported Groups

- Dr. A.D. Karve
Appropriate Rural Technology Institute (ARTI)
6 Koyna Apartments
Survey No. 133 Kothrud
Pune - 411 029.
E-Mail: adkarve@pn2.vsnl.net.in
- Dr. Balasubramanian
Centre for Indian Knowledge Systems
No.47-C, Gandhi Mandapam Road
Kotturpuram, Chennai - 600 085.
Email: ciks@vsnl.com
- Shri William Stanley,
Integrated Rural Development of Weaker Sections in
India(WIDA), Distt. Koraput,
Semiliguda - 764 036 (Orissa)
Email: didcen@ilvzg.ilban.ernet.in
- Dr. R. N. Upadyay
Tamulpur Anchalik Gramdan Sangh
At & PO Kumarikata
NALBARI DIST 781 360
Assam
- Dr. K. Viswanthan
Mitraniketan
Vellanad, Thiruvananthapuram
Kerala, India - 695543
Phone 91- 472- 882045, 882015, 882086
Fax 91- 472- 882 015
Website: www.mitraniketan.org
- Dr. B.K. Datta, Scientist,
Vivekananda Institute of Biotechnology,
Shri Rama Krishna Ashram,
P O Nimpith Ashram -743338,
South 24 Parganas (Sundarbans)
West Bengal

- **Dr. T. Sundararaman,**
Pondicherry Science Forum,
63, Pasteur Nagar,
Vinoba Nagar Extn.,
Pondicherry
Email: cerd@satyam.net.in
- **Shri Santosh Choubey,**
Society For Electronics and Computer Technology
E-2 Shankar Nagar,
Shivaji Nagar
Bhopal 462 016.
Email: aisect_bpl@sancharnet.in
- **Dr.S. Rajagopalan**
Chairman
Technology Informatics Design Endeavour(TIDE),
No. 19, 9th Cross 6th Main Road,
Malleswaram, Bangalore - 560 003
Email: tide@vsnl.com
Website: www.tide-india.org
- **Dr. Lal Singh**
Himalayan Research Group,
Umesh Bhavan, Chotta Shimla,
Shimla - 171 002
Ph: 0177-2626820
Email: maninderjk@rediffmail.com, lalhrg@sancharnet.in
- **Sh. Gautam Roy**
Forum of Scientists, Engineers and Technologists (FOSET)
15N, Lindsay Street
New CMC Building (5th Floor)
Kolkata - 700 087
West Bengal.

Autonomous S&T Institutions

- Agharkar Research Institute, Pune
- Aryabhata Research Institute of Observational-Sciences, Nainital
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- Bose Institute, Kolkata
- Centre for Liquid Crystal Research, Jalahalli, Bangalore
- Indian Association for the Cultivation of Science, Kolkata
- International Advanced Research Centre for Powder Metallurgy and New Materials, Hyderabad
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- Indian Institute of Geomagnetism, Mumbai
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- S.N. Bose National Centre for Basic Sciences, Kolkata
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- Technology Information, Forecasting & Assessment Council (TIFAC), New Delhi
- Vigyan Prasar, New Delhi
- Wadia Institute of Himalayan Geology, Dehradun

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Being developed through a Collaborative Project of KVIS & IIT, Delhi**

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