

**DIRECTORY OF  
BUILDING AND HOUSING  
R & D INSTITUTIONS  
IN INDIA**

**DIRECTORY OF  
BUILDING AND HOUSING  
R & D INSTITUTIONS  
IN INDIA**

*Edited by*

**SUNIL BERY**



**GOVERNMENT OF INDIA  
NATIONAL BUILDINGS ORGANISATION  
AND  
UN REGIONAL HOUSING CENTRE ESCAP  
NIRMAN BHAWAN, NEW DELHI-110011**



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## PREFACE

*Housing and building construction programmes are essential components of national development plans. Economy in the cost of construction and consumption of scarce resources are matters of vital importance to economy. To achieve this, research and development in housing and building plays a significant role. One of the important activities of the National Buildings Organisations is to coordinate research in housing and building and to bring about application of results in the field. A number of activities are being pursued by the Organisation to accomplish these tasks.*

*A Directory of Building and Housing Research and Development Institutions in India is brought out by NBO from time to time. This is the ninth revised edition updated upto 1987. In this edition, brief information about the set-up and functions of research and development organisations in building and housing in India have been given. Building Research Institutions in the ESCAP Region and other institutes engaged in R & D activities in the field of Building and Housing in India have also been given in the Annexures.*

*I greatly appreciate the cooperation of research and development institutions/organisations in supplying relevant information. Valuable assistance has been rendered by S/Shri S.C. Malik and T.R. Bhatia Assistant Directors, N.B.O. in the compilation of the revised edition of this Directory. Suggestions for making the Directory more comprehensive are welcome.*

July 1987

G.C. MATHUR  
DIRECTOR N B O

# I CENTRAL GOVERNMENT RESEARCH INSTITUTIONS

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## NATIONAL BUILDINGS ORGANISATION

NEW DELHI

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### STATUS :

Established in 1954 in the Ministry of Urban Development (then Works & Housing), Government of India. The NBO is also functioning as UN Regional Housing Centre for ESCAP.

### DIRECTOR :

Shri G.C. Mathur.

### FIELD OF ACTIVITY :

To advance the best use of national resources, man-power and technical knowledge in the public and private sectors of the construction field; to engage in technical, economic and social activities including collection and analysis of statistics in the field of housing and buildings; to coordinate the efforts and findings of all agencies concerned with the technology and practice of building construction and materials production; to promote improvement of traditional buildings materials and acceptance of new materials and methods of construction; to bring about application of results of research; to provide information and technical assistance to Government organisations and individuals; to organise building display centres.

### SERVICE :

The Organisation has established a permanent Building Exhibition Centre and a well documented library including a film library. The Organisation attends to public enquiries and makes available expert guidance and technical assistance. It organises symposia, lectures, training courses, design competitions, film shows, exhibitions and displays, etc.

It has 15 extension centres called Regional Housing Development Centres.

### PUBLICATIONS :

Journal of NBO (Half Yearly) Monthly Abstracts, Technical Reports, Symposia Proceedings, Books, Monographs, Manuals, Booklets, Catalogues, Pamphlets, Leaflets, etc.

### ADDRESS :

'G' Wing, Nirman Bhawan, New Delhi-110 011

CABLE : NATBUILDO

PHONE : 301 7692, 301 9420



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**BUREAU OF INDIAN STANDARDS**NEW DELHI

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**STATUS :**

Established in 1947 by the Department of Industries & Supply, Government of India. The name has been changed from Indian Standards Institution to Bureau of Indian Standards.

**DIRECTOR GENERAL :**

Shri K.R. Paramesvar

**FIELD OF ACTIVITY :**

Preparation of standards relating to products, commodities, materials and processes and promotions of their general adoption on national and international levels; promotion of standardisation, quality control and simplification in Industry and Commerce; coordination of the efforts of producers and users for the improvement of materials, products, appliances, processes and methods; provision of the registration of standardisation marks applicable to products, commodities, etc., and circulation of statistics and other information related to standardisation.

**SERVICE :**

The BIS renders service to the Nation's economic and industrial development through standardisation. It functions through a large number of technical committees appointed by the following Division Councils; Agriculture and Food, Chemicals, Civil Engineering, Consumer Products and Medical Instruments, Electronics and Telecommunication, Electro-technical, Marine, Cargo Movement and Packaging, Mechanical Engineering, Petroleum, Coal and related Products, Structural and Metals and Textiles.

**PUBLICATIONS :**

Standards, Codes of practices, Handbooks, Standards India, Standards Monthly additions, Annual Reports, etc.

**ADDRESS :**

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi-110 002.

**CABLE : MANAKSANSTHA****PHONE : 331 0131, 331 1375**

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**CENTRAL BUILDING RESEARCH INSTITUTE****ROORKEE**

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**STATUS]:**

Initially set up in 1947 named as Building Research Unit. The Unit grew into a National Laboratory (under CSIR) and was renamed as Central Building Research Institute in 1951. The body is an association registered under the Societies Registration Act, 1860.

**DIRECTOR :**

Dr. R.K. Bhandari

**FIELD OF ACTIVITY :**

The Institute is engaged in applied research and development works in diverse fields related to building science which covers Building Materials; Soil Engineering; Efficiency of Buildings (Illumination, Ventilation, Climatology, thermal efficiency, solar energy, etc.); Building Processes, Plant and Productivity; Architecture and Physical Planning; Fire Problems in buildings; and Rural Buildings and Environment.

**SERVICE :**

Institute arranges seminars, exhibitions, demonstrations, conducts training to technologists, renders information service to public enquiries and has an open library which provides general consultation facilities to all interested. There are five extension and liaison centre at Ahmedagad, Bhopal, Calcutta, Delhi and Hyderabad besides a construction Unit at the Institute for full scale demonstration on live projects.

**PUBLICATIONS :**

Building Research Notes, Project Proposals, Bibliographies, Research papers, and other special publications.

**ADDRESS :**

ROORKEE—247 667, U.P.

CABLE : BILDSERCH

PHONE ; 2243

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**CENTRAL ELECTRO-CHEMICAL RESEARCH INSTITUTE**  
**KARAIKUDI**

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**STATUS :**

Research Laboratory of the Council of Scientific and Industrial Research.

**DIRECTOR :**

Dr. K.I. Vasu.

**FIELD OF ACTIVITY :**

Research and Development in Electro-organic, Electro-Inorganic, Electro-Thermic, Electro-metallurgy, Electro-Deposition, Corrosion prevention, Metal finishing, Battery Solid State Electro-Chemistry and fundamental Electrochemistry.

**SERVICE :**

Undertakes investigation in the field indicated above on behalf of industries and other organisations on consultancy and sponsorship terms. Works on problems of national importance referred by DST, RDSO, Defence and other organisations. Organises refresher courses annually, viz,

(1) Electroplating, (2) Corrosion [and its prevention, and (3) Storage Battery Technology.

**PUBLICATIONS :**

Annual Report, Memoire, Publicity, Brochures and CECRI News, Corrosion Bulletin.

**ADDRESS :**

Karaikudi-623 006, Tamil Nadu.

TELEX : 0455-285

PHONE : 588, 368, 332, 422, 564.

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**CENTRAL SOIL AND MATERIALS RESEARCH STATION**  
**NEW DELHI**

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**STATUS :**

A Government of India Research Station. An attached office of the Ministry of Water Resources.

**DIRECTOR :**

Shri C. Sudhindra.

**FIELD OF ACTIVITY :**

Premier Organisation in the country dealing with field exploration, laboratory investigations, basic and applied research in the realm of geomechanics and materials of construction relevant to River Valley Projects Construction over the entire country and abroad. Central and State Government agencies and Public Sector Undertakings connected with construction of multi-purpose river valley projects form the clients and many of the Industrial complexes, multistoreyed buildings, thermal stations, etc., are recipients of consultancy from CS MRS. Broadly, the fields of Soil Mechanics, Soil Dynamics, Rock Mechanics, Foundation Engineering, Rockfill Technology, Concrete Technology, Quality Control, Geophysical Investigations, Chemical Analysis, Instrumentation, Sediment Studies come under the sphere of CSMRS activity.

**SERVICE :**

Laboratory/Field investigations and Research in the fields indicated above, organisation of National Level Workshops, training of personnel and Refresher Courses.

**PUBLICATIONS :**

Annual Report, Annual Research Review and Reports of Research Projects, Proceedings of National Level Workshops, Specific Project, Investigation Reports, Technical Papers in National and International Level Conferences, Seminars, etc.

**ADDRESS :**

Outer Ring Road, Hauz Khas, NEW DELHI-110 016.

CABLE : "CENSOMARES"

TELEX : 31-61657 CSMR IN PHONE :  
663140-44 (PBX) 651894.

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**FOREST RESEARCH INSTITUTE AND COLLEGES****DEHRA DUN**

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**STATUS :**

Research and Training Institute which is a subordinate office of the Ministry of Agriculture, Government of India.

**PRESIDENT :**

Shri R.B. Singh

**FIELD OF ACTIVITY :**

Research in Forest Management and Practices including allied fields of study like soils, environment and silviculture, etc., Testing of timbers for strength properties, their seasoning and preservation behaviour and utilisation of timber and other raw material for furniture and building construction. Research on protection of forests from insects and fungi and also on timber and plant identification etc.

**SERVICE :**

Training of Forest Officers of different levels. Refresher courses are conducted in various fields of forestry and training in the field of pulp and paper technology, wood seasoning and preservation, timber engineering, wood and wild life. The Institute is equipped with a library. It also has a collection of 3 lakh herbarium specimens for plant identification including 1200 type specimens. Films on Forestry and Wildlife are loaned to member institutions.

**PUBLICATIONS :**

Books, Indian Forest Record, Indian Forest Bulletins, Indian Forest Leaflets, Timber Price Bulletin, Quarterly News Letter, Monthly Journal 'Indian Forester'.

**ADDRESS :**

P.O. New Forest, Dehra Dun 248 006, U.P.

CABLE : FORESEARCH

PHONE : 7021, 7028.

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**HOUSING AND URBAN DEVELOPMENT CORPORATION****NEW DELHI**

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**STATUS :**

Established in 1970 as a company registered under the Company's Act, 1956 and is placed under the administrative control of Ministry of Urban Development.

**CHAIRMAN & MANAGING DIRECTOR :**

Shri S.K. Sharma

**FIELD ACTIVITY :**

To finance housing and urban development programmes in the country. Setting up of new satellite towns. To support State Housing Boards, Improvement Trusts, Development Authorities etc. financially for undertaking housing and urban development programmes, financing for the setting up of building material industries. Research and development in building materials and techniques, Organising low cost housing Competitions. Promoting works of art and encouraging environmental improvement projects.

**SERVICE :**

Consultancy, project construction, promoting the adoption of new building materials and techniques. Demonstration and direct implementation of projects. Taking up Organisational and Estate Management Studies. Organising the training programmes including those for middle level professionals.

**PUBLICATIONS :**

Annual Report, Guidelines for financing schemes, Design Concepts, Technical Circulars, Research and Design Series (I to V) Shelter—a bi-annual magazine, Hudco Programme, Procedure and Guidelines, economy in construction, Documentation information to the Borrower.

**ADDRESS :**

HUDCO House, Lodhi Road, New Delhi-110 003.

**CABLE : HUDCO**

**PHONE : 699534**

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**INDIAN PLYWOOD INDUSTRIES RESEARCH INSTITUTE**  
**BANGALORE**

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**STATUS :**

The Institute is a Co-operative Research Institute financed jointly by the Ministry of Industry, Department of Industrial Development, Government of India, New Delhi and the industry. The Institute was established in 1963. Two field stations were also established, one at Calcutta in 1963 and the other in Assam in 1970.

**DIRECTOR :**

Dr. P.M. Ganapathy.

**FIELD OF ACTIVITY. :**

To design and develop glued plywood and glued laminated wooden structural and non-structural building components; prefabricated houses and buildings using wood, plywood and other wood based panel materials. To study improved fabrication techniques for using wood based panel materials in buildings, to study structural synthetic resin adhesives. Developing building materials, low cost houses and buildings from agricultural and wood residues.

**SERVICE :**

The Institute serves as an Information and Training Centre for plywood, particle board and allied industries.

**PUBLICATIONS :**

Technical Notes, Brochures, Research Papers and Reports.

**ADDRESS :**

Post Bag No. 2273, Tumkar Road, BANGALORE-560 022.

**CABLE :** IRIRI.

**PHONE :** 384231

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**NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS**  
**NEW DELHI**

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**STATUS :**

An autonomous body established in 1966 with active participation of the Indian cement industry, cement machinery manufacturers and the Government of India through CSIR. Presently attached to the Ministry of Industry. The body is an association registered under the Societies Registration Act, 1860.

**CHAIRMAN AND DIRECTOR GENERAL :**

Dr. H.C. Visvesvaraya.

**FIELD OF ACTIVITY :**

Research, technology development and transfer, education and industrial services on all aspects of cement and building materials industries, broadly comprising the following :

Geology; Mining; Raw materials including fuel technology; Cement chemistry; cement manufacture and process engineering; refractories and ceramics; lime and lime pozzolanas; industrial agricultural, rural and urban wastes based building materials; Gypsum based building materials; Asbestos, glass and other fibre based building materials; cement plant machinery; Industrial engineering and productivity methodologies; process control instrumentation and automation; electrical systems and machinery; packing, handling and transportation; environmental improvement; energy conservation; testing and quality control; concrete and construction; structures; computer systems and application; and industrial economics.

**SERVICES :**

Standardisation, calibration, testing and quality control; consumer protection, productivity enhancement and modernisation; continuing education and human resources development; project evaluation, systems design and engineering; and industrial information. Its units are located at Ballabgarh (Haryana), Hyderabad, Patna and Madras and Tiruchirapally.

**PUBLICATIONS :**

CRI Abstracts, Review reports, research bulletins, special publications, bibliographies, seminar proceedings, etc.

**ADDRESS :**

NCB Corporate Office, M-10 South Extension Part II, NEW DELHI - 110 049.

**CABLE : ANVESHAN**

**TELEX : 031-66261**

**PHONE : 660233**



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**NATIONAL ENVIRONMENTAL ENGINEERING RESEARCH INSTITUTE**  
**NAGPUR**

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**STATUS :**

The Institute is a National Laboratory under the Council of Scientific and Industrial Research and was established in 1958. The United Nations Environment Programme has selected the Institute as a Centre for stepping up air and water pollution control activities in the ESCAP Region.

**DIRECTOR :**

Professor P. Khanna

**FIELD OF ACTIVITY :**

Research and development activities in the field of environmental engineering with special emphasis on water resources development for domestic and industrial uses; water treatment and distribution; sewage and storm water collection, treatment, utilisation and disposal. Industrial waste treatment, utilisation and disposal. Development of water pollution, surveillance techniques, air pollution surveillance and control. Industrial hygiene; solid waste management, rural sanitation and instrumentation.

**SERVICE :**

Offers training in sewage farming, city refuse disposal; plastic plumbing, water and waste-water analysis, process design in waste treatment, preventive maintenance of water distribution system, design of water treatment plants, air pollution monitoring techniques, industrial waste treatment and environmental microbiology, etc. Renders documentation and other information dissemination services. It has nine zonal laboratories located at Ahmedabad, Bombay, Calcutta, Delhi, Hyderabad, Jaipur, Kalamaserry (near Cochin), Kanpur and Madras.

**PUBLICATIONS :**

Indian Journal of Environmental Health (Quarterly), Annual Report, Guide to Current Literature in Environmental Health Engineering and Science (Fortnightly), Indian Literature in Environmental Engineering, Annual Bibliography, Technical Digest (Quarterly), Guides, Manuals, Symposium Proceedings, Brochures, etc.

**ADDRESS :**

Nehru Marg, Nagpur - 440 020.

**CABLE : NEERI****TELEX : 0715-233****PHONE : 26071**

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**NATIONAL TEST HOUSE**  
**CALCUTTA**

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**STATUS :**

Established in 1912. Now under the Ministry of Commerce.

**DIRECTOR-GENERAL :**

Dr. P. L. Gupta.

**FIELD OF ACTIVITY :**

The Civil Engineering Section of NTH renders both outdoor and indoor services through testing and evaluation of Building materials, civil engineering structures, products and machinery like cement, additives, lime, bricks, concrete pre-fabricated building slab, A. C. sheets and pipes, flush doors and other timber products, glass refractories and thermal insulation products, fire fighting equipment and signals, concrete vibrator mixer etc. This laboratory is also fully equipped with soil testing arrangements including "Pressure Meter GA". Other divisions are engaged in testing samples of Chemical, Mechanical, Electrical and Electronics materials, Rubber, Plastics and Textile, etc., There is one separate Division for Non-destructive testing. It is also engaged in industrial development through standardisation, calibration activities of level II.

**SERVICE :**

Testing and Evaluation of building and various other types of materials, accreditation of laboratories. Helping preparation of different Indian Standards specifications in conjunction with Bureau of Indian Standards.

**PUBLICATION :**

NTH Quarterly Bulletin, Technical Papers, Pamphlets.

**ADDRESS :**

11/1 Judges' Court Road, Calcutta - 700 027.

**CABLE : TESTHOUSE**

**PHONE : 459231.**

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**NATIONAL TEST HOUSE****MADRAS**

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**STATUS :**

Established in 1976, set up by the Ministry of Supply and Rehabilitation, Department of Supply, Government of India. At present it is under the Ministry of Supply & Commerce.

**JOINT DIRECTOR :**

Shri S. K. Banerjee.

**FIELD OF ACTIVITY :**

Renders service to the southern region through testing and evaluation of Building materials, like cement, concrete, flooring tiles, lime bricks, flush doors, timber, etc., apart from testing of chemicals, mechanical item, textiles and rubber-plastics, electrical appliances, electronics etc., and industrial development through standardisation. Issues certificates for the tests done in its laboratories as per Railway specifications, Indian Standard Specifications, Defence Specifications, I.S.O., British, A.S.T.M., and other International, Standard Specifications.

**SERVICE :**

Testing and Evaluation of materials other than food and drugs. Various building materials are included in regular testing schedule. Caters to the needs of testing and evaluation of materials of the Southern Region comprising of Kerala, Karnataka, Andhra Pradesh, Pondicherry and Tamil Nadu.

**ADDRESS :**

Taramani, Madras - 600 113,  
PHONE : 414158, 414374

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**REGIONAL HOUSING DEVELOPMENT CENTRE**  
**BANGALORE**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Dr. M. K. L. N. Sastry

**FIELD OF ACTIVITY :**

To impart training in the field of Housing. To promote and propagate the use of locally improved building materials and construction of houses and other community buildings in rural areas.

**SERVICES :**

Providing assistance in matters pertaining to Housing to the State Governments. Conducting training/orientation courses for technical persons of the States. Construction of clusters of demonstration houses in villages to show art of planning and designing of good and liveable houses.

**PUBLICATIONS :**

Annual Report, News-letter.

**ADDRESS :**

Faculty of Engineering-Civil, Bangalore University, Janana Bharathi,  
**BANGALORE - 560 056.**

**PHONE : 601626/271.**

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**REGIONAL HOUSING DEVELOPMENT CENTRE****BHOPAL**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Dr. D. N. Krishnamurthy

**FIELD OF ACTIVITY :**

Extension of Research and Development work in the field of low cost building and housing in rural and urban areas. Training of technical and other persons engaged in building and housing activities.

**SERVICE :**

Putting up clusters of demonstration houses for propagating the use of local building materials and new construction methods design concepts, etc. Organising training courses for officers of the State Govt. and also for Block Development officers, etc. Assistance to state Govt. in implementing building and housing programmes in urban and rural areas.

**PUBLICATION :**

Annual Report

**ADDRESS :**

Moulana Azad College of Technology, Bhopal - 462 007

**CABLE : TECHNOLOGY    PHONE : 61585**

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**REGIONAL HOUSING DEVELOPMENT CENTRE****BOMBAY**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Shri M. A. Chavan

**FIELD OF ACTIVITY :**

Propagation of low cost building materials design concepts for construction of buildings and houses in rural and urban areas.

**SERVICE :**

Organising training courses for different levels of personnel in the field. Undertaking surveys and studies. Putting up clusters of demonstration houses utilising locally available building materials and new construction techniques. Assistance to State Govt. for implementing large scale housing projects.

**PUBLICATION :**

Annual Report

**ADDRESS :**

Maharashtra Housing and Area Development Authority, Bandra (East),  
BOMBAY - 400 051.

PHONE : 6428331 - 352, 6426411.

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**REGIONAL HOUSING DEVELOPMENT CENTRE****CHANDIGARH**

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**STATUS :**

Functioning under the aegis of National Buildings Organisation Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Dr. P. V. Rao

**FIELD OF ACTIVITY :**

Propagating the use of local improved building materials and construction techniques for the construction of houses and other community buildings in rural and urban areas.

**SERVICE :**

To construct experimental/model/low cost houses for demonstration purposes. Renders technical assistance and guidance to individuals/officials and non-official agencies engaged in rural development programme/works. Organising training courses in the field of housing to block development and panchayat officers and junior engineers working in the community development blocks, etc.

**PUBLICATIONS :**

Monograph, Annual Report.

**ADDRESS :**

Punjab Engineering College, Chandigarh - 160 012.

CABLE : RUHOWICH PHONE : 26743.

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**REGIONAL HOUSING DEVELOPMENT CENTRE**  
**GUWAHATI**

---

**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Government of India, New Delhi

**DIRECTOR :**

Shri M. N. Bora

**FIELD OF ACTIVITY :**

Propagation of cheaper building techniques and use of locally available building materials.

**SERVICE :**

Construction of clusters of demonstration houses using new construction techniques and local building materials. Assistance to State Govt. for putting up demonstration houses after conducting surveys. Organising training/orientation courses for officers of the State Govt. dealing with Village Planning, and Urban and Rural Housing. Undertakes socio-economic studies related to urban and rural housing.

**PUBLICATION :**

Annual Report

**ADDRESS :**

Assam State Housing Board, Guwahati 781 006.

PHONE : 87636.



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**REGIONAL HOUSING DEVELOPMENT CENTRE**  
**HOWRAH**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Dr. A. K. Seal

**FIELD OF ACTIVITY :**

Propagation of the use of improved building materials and construction techniques for urban and rural areas.

**SERVICE :**

Conducts training/orientation courses for the officers of the State Government dealing with housing. Offers assistance to State Government and other Institutions in putting up demonstration houses and render assistance of technical nature on issues and problems of rural and urban housing as called for by the State Government and other Institutions. Undertakes Socio-Economic-cum-technical studies related to urban and rural housing and rural environment basing on local resources and usages within affordability range. Training of technical personnel employed in planning and execution of the projects under the Village Housing Projects Scheme. Construction of demonstration houses.

**PUBLICATIONS**

Annual Report, Special reports, Brouches and Pamphlets.

**ADDRESS**

Bengal Engineering College, P.O. Botanic Garden, Howrah-711 103.

**CABLE : TECHNICS    PHONE : 674561/4.**

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**REGIONAL HOUSING DEVELOPMENT CENTRE****HYDERABAD**

---

**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Government of India, New Delhi.

**DIRECTOR :**

Shri K.R. Baramahamsa

**FIELD OF ACTIVITY :**

Extension of Research and Development work in the field of low cost building and housing in rural and urban areas. Training of technical and other persons engaged in building and housing activities.

**SERVICE :**

Putting up clusters of demonstration houses for propagating the use of local building materials and new construction methods, design concepts, etc. Organising training courses for officers of the State Government and also for Block Development officers etc. Assistance to State Government in implementing building and housing programmes in urban and rural areas.

**PUBLICATION :**

Annual Report

**ADDRESS :**

A.P. State Housing Corporation, IA, Lakdi Ka Pul,  
Hyderabad.

**CABLE :** WEACO    **PHONE :** 36817, 224681.

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**REGIONAL HOUSING DEVELOPMENT CENTRE****JODHPUR**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Government of India, New Delhi.

**DIRECTOR/:**

Dr. M.L. Mathur

**FIELD OF ACTIVITY :**

Propagation of cheaper building techniques, use of locally available building materials and related R & D.

**SERVICE:**

Construction of clusters of demonstration houses using new construction techniques and local building materials. Conducting Engineering and Socio-Economic studies/Surveys. Organises training courses, seminars, exhibitions. Providing technical guidance to State Government departments in planning and execution of works under NREP/RLEGP/Improved Smokeless Chulhas/Sanitary latrines and others Rural and Urban Housing programmes.

**PUBLICATIONS :**

Monograph, Annual Report, Impact Report of clusters, etc.

**ADDRESS :**

M.B.M. Engineering College, University of Jodhpur, JODHPUR-342 001.

CABLE : ENGCOL      PHONE : 23710, 20448.

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**REGIONAL HOUSING DEVELOPMENT CENTRE**  
**MADRAS**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Government of India, New Delhi.

**DIRECTOR :**

Dr. P. Purushothaman.

**FIELD OF ACTIVITY :**

Propagation of cheaper building techniques and use of locally available building materials.

**SERVICE :**

Construction of cluster of demonstration houses] using]new construction techniques and local building materials. Offers assistance to State Government for putting up demonstration houses after conducting surveys. Organising training/Orientation courses for officers of the State Government dealing with Housing. Undertakes Socio-Economic studies related to rural and urban housing.

**PUBLICATION :**

Annual Report.

**ADDRESS :**

Pearignar Anna University, MADRAS-600 025.

**CABLE : ANNATECH      PHONE : 415723/14.**

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**REGIONAL HOUSING DEVELOPMENT CENTRE****RANCHI**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Dr. H.C. Pande

**FIELD OF ACTIVITY :**

Propagation of cheaper building techniques and use of locally available building materials.

**SERVICE :**

Construction of clusters of demonstration houses using new construction techniques and local building materials. Assistance to State Govt. for putting up demonstration houses after conducting surveys. Organising training/orientation courses for officers of the State Govt. dealing with Village Planning, Urban and Rural Housing. Undertakes socio-economic studies related to urban and rural housing.

**PUBLICATIONS :**

Annual Report

**ADDRESS :**

Birla Institute of Technology, Mesra 835 215, RANCHI

CABLE : TECHNOLOGY RHW, MESRA, RANCHI, TELEX :

PHONE : 21065, 7296

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**REGIONAL HOUSING DEVELOPMENT CENTRE**SIMLA

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Shri S.P. Punhani

**FIELD OF ACTIVITY :**

Propagation of cheaper building techniques and use of locally available building materials.

**SERVICE :**

Construction of demonstration cluster-houses, using new construction techniques and local building materials. Offering assistance to the State Govt. for putting up demonstration houses after conducting surveys. Organising training/orientation courses for officers of the State Govt. dealing with planning in urban and rural housing. Undertaking socio-economic studies related to urban and rural housing.

**PUBLICATION :**

Annual Report

**ADDRESS :**

Himachal Pradesh Housing Board, Nigam Vihar, SHIMLA 171 002.

**CABLE :** HIMAWAS      **PHONE :** 4103

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**REGIONAL HOUSING DEVELOPMENT CENTRE**  
**SRINAGAR**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Prof. O.N. Koul

**FIELD OF ACTIVITY :**

Use of locally available materials for low cost housing. Use of Soil Stabilized Blocks—presently use of cement and cement flyash, using immersion process is under investigation. Chemical Stabilisation of Kashmir Karewa Soils.

Experimental work on Solar Passive Heating of Buildings has been initiated. Experimental house has been built for the purpose. Bio-gas technology suitable for Kashmir Region is being evaluated on a pilot plant in the Chemical Engineering Department of this College.

**SERVICE :**

Extension service in augmenting the N.B.O. Programme of promoting use of locally available materials and new techniques. Construction of Demonstration Houses for propagating low cost housing.

**PUBLICATIONS :**

Annual Reports, monographs, booklets and pamphlets.

**ADDRESS :**

Regional Engineering College, *Hazratbal*, Srinagar-190 006.

CABLE : RENGCOL    PHONE : 72321, 72322 and 74454.

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**REGIONAL HOUSING DEVELOPMENT CENTRE****TRIVANDRUM**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Dr. R. Jayaraman.

**FIELD OF ACTIVITY :**

Propagation of cheaper building construction techniques and use of locally available Building materials with a view to reducing cost.

**SERVICE :**

Providing services in matters pertaining to housing to the State Government. Organising training courses pertaining to reduction in construction cost in rural and urban houses. Putting up demonstration housing projects.

**PUBLICATIONS :**

Annual reports, booklets, pamphlets.

**ADDRESS :**

College of Engineering, Trivandrum-695 016.

**CABLE : VASTUVIDYA PHONE : 8370.**



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**REGIONAL HOUSING DEVELOPMENT CENTRE**  
**VALLABH VIDYANAGAR**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Prof. K. M. Dholakia.

**FIELD OF ACTIVITY :**

Use of local building materials for low cost housing., Propagation of cheaper building techniques, training technical personnel in planning and execution of Housing Projects, in urban and rural areas.

**SERVICE :**

Conducts training/orientation courses for officers of the State Governments dealing with village planning urban and rural housing. Offers assistance to State Governments and other institutions in the States in putting up demonstration houses after conducting surveys and in evolving design for rural houses for various categories of villagers; undertakes socio-economic studies related to urban and rural housing. Construction of demonstration Housing Projects.

**PUBLICATIONS :**

Annual Report, Monographs on Housing, Quarterly news letter, Brochures and Handouts in regional languages.

**ADDRESS :**

Birla Vishvakarma Mahavidyalaya Vallabh Vidyanagar 388 120. Distt. Kheda  
GUJARAT.

**CABLE : GRAMAVAS    PHONE : 7004**

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**REGIONAL HOUSING DEVELOPMENT CENTRE****VARANASI**

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**STATUS :**

Working under the aegis of National Buildings Organisation, Ministry of Urban Development, Govt. of India, New Delhi.

**DIRECTOR :**

Prof. V. V. Challam.

**FIELD OF ACTIVITY :**

Propagation of cheaper building techniques and use of locally available building materials for rural and urban areas.

**SERVICE :**

Extension service in augmenting the NBO Programme of promoting use of locally available materials and new building techniques. Construction of demonstration houses for propagating low cost housing.

**PUBLICATIONS :**

Annual Report.

**ADDRESS :**

Institute of Technology, Banaras Hindu University,  
VARANASI - 221 005.

CABLE : TECHNOLOGY PHONE : 63997

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**REGIONAL RESEARCH LABORATORY**  
**HYDERABAD**

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**STATUS :**

A National Laboratory under the Council of Scientific and Industrial Research (CSIR), New Delhi.

**DIRECTOR :**

Dr. A. V. Rama Rao.

**FIELD OF ACTIVITY :**

Research and Development in the fields of: Oils and fats ; coal : catalysts, pesticides and organic intermediates, entomology; natural products; medicinal chemistry; X-ray crystallography, industrial ceramics, paper and cellulose products; process design and engineering, general engineering; instrumentation; planning, evaluation, technical information; industrial liaison and consultancy.

**SERVICE :**

Undertakes research work on contract bases and offers technical advice, assistance and consultancy service on specific problems. Maintains an excellent scientific and technological laboratory in the State of Andhra Pradesh.

**PUBLICATIONS :**

Annual Report.

**ADDRESS :**

Hyderabad-500 007, Andhra Pradesh.

CABLE ; RESEARCH TELEX : 015-261 PHONE 71874, 71992, 71189.

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**REGIONAL RESEARCH LABORATORY,****JORHAT**

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**STATUS :**

Established in 1959 as a National Laboratory under the CSIR, New Delhi.

**DIRECTOR :**

Shri J. N. Baruah.

**FIELD OF ACTIVITY :**

The laboratory undertakes research on process and products' developments based on the natural and mineral resources of the North-Eastern region as well as process development on national importance. The laboratory works in diverse fields like, pesticides, drugs and pharmaceuticals, medicinal and economic plants, oil field chemicals, geomicrobiological exploration of petroleum, speciality paper, cheap building materials, cement, silicates, coal, seismicity of N.E. region.

**SERVICE :**

Offers testing service in building materials, soil fertiliser, water, etc. Undertakes consultancy work and sponsored research in the areas of its expertise.

**PUBLICATIONS :**

RRL News (Monthly), Annual Report, Special Reports (Irr), Feasibility Reports.

**ADDRESS :**

Jorhat—785 006, ASSAM.

**CABLE :** RESEARCH PHONE : 315, 353.

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**RESEARCH DESIGNS AND STANDARDS ORGANISATION****LUCKNOW**

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**STATUS :**

RDSO is an attached office of the Ministry of Surface Transport (Railway Board), Government of India.

**DIRECTOR GENERAL :**

Shri V. C. V. Chenulu.

**FIELD OF ACTIVITY :**

Preparation of all standard designs, specifications and codes of practices, including development of adhoc designs for special projects, standardisation of all railway equipment. Research and developmental testing of all types of fixed assets, such as track, bridges, formation, signal and telecommunication equipment, etc., and all types of rolling stock including locomotives, passenger coaches and freight wagons. Responsibility for value analysis, development of indigenous substitutes for imported items and aiding local industries in building up indigenous manufacturing capacity. Providing assistance in designs and/or testing and/or inspection of all railway equipment to facilitate their export through public as well as private sector under takings. Giving advice to the Railways Production Units in respect of users requirements. Functions as technical consultant to the Railway Board, Zonal Railways, in all aspects of railway working.

**SERVICE :**

RDSO has a central technical library for the collection, documentation and dissemination of technical information.

**PUBLICATIONS :**

Annual Report, Documentation Notes, Indian Railway Technical Bulletin (Quarterly) Quarterly News Bulletin, Research Reports, Standards Committee Reports, Technical Papers, Technical Monographs, Instructional Manuals, Codes of Practice, Specifications, Brochures, etc.,

**ADDRESS :**

Manak Nagar, LUCKNOW 226 011.

CABLE : RAILMANAK, LUCKNOW, PHONE : 50017, 50567.

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**SOIL ENGINEERING AND MATERIAL TESTING WING****PUNE**

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**STATUS :**

Set up under the Ministry of Defence, Government of India.

**DIRECTOR :****FIELD OF ACTIVITY :**

To send field investigation teams to various projects in the country to carry out test at site and compile reports with a view to assisting the planners, designers and construction staff, to study and analyse the data obtained from field and laboratory tests on soil and to make suggestions towards developing designs of roads and airfields and foundations of structures; to study engineering practices so as to carry out effectively and efficiently the role assigned to it.

**SERVICE :**

To carry out routine and other tests on engineering materials and stores used in work projects with a view to assessing their suitability; to collect, collate and disseminate knowledge gained during the above investigations within the Corps of Engineer to undertake research on projects assigned by the E-In-C's Branch, Army Headquarters and to impart instructions in soil mechanics to the various courses in the CME. A Library is attached to the Wing. The Institute caters to the requirements of Corps of Engineers and Military Engineering Service.

**PUBLICATIONS:**

Technical Reports, Field Investigation Reports and Technical Digests.

**ADDRESS :**

College of Military Engineering, CME PO : PUNE-411 031. MAHARASHTRA

CABLE : CME PHONE : 54213/233.

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**STRUCTURAL ENGINEERING RESEARCH CENTRE****MADRAS**

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**STATUS :**

Established in 1966. Full fledged National Laboratory under the Council of Scientific and Industrial Research.

**DIRECTOR :**

Dr. M. Ramaiah.

**FIELD ACTIVITY :**

Major thrust areas of work comprise the energy development-power plant structures and transmission line towers; Offshore and marine structures; Computer aided design and interactive graphics; Structural dynamics and machine foundations; Concrete composites, concrete products, design methods and construction techniques Prestressed concrete; Experimental techniques for stress analysis; Ship structures; Wind engineering.

**SERVICE :**

Application oriented research and development in all areas of structural engineering. Provides design consultancy services for public and private sector organisations. Organises specialised short-term training courses for practising engineers to expose them to advances and developments in design and construction methods.

**PUBLICATIONS :**

Research papers ; Handbooks, Brochures; Annual Reports; Journal of Structural Engineering (Quarterly).

**ADDRESS :**

CSIR Campus, Taramani, Madras—600 113.

PHONE : 412139, 412175, 412170.

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**STRUCTURAL ENGINEERING RESEARCH CENTRE****ROORKEE**

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**STATUS :**

Established in 1965 as a National Laboratory under the Council of Scientific and Industrial Research.

**DIRECTOR :**

Dr. S. P. Sharma.

**FIELD ACTIVITY :**

Acts as an information bank of all the latest available knowledge and know-how relating to the design and construction of high rise buildings, underground structure and long span structures. Develops computer software for various engineering applications.

**SERVICE :**

Organises short-term specialised courses in Structural Engineering with pronounced practical bias for the benefit of practising engineers to expose them to new advances and developments in design and construction. Undertakes application oriented research on all aspects of structural engineering, in consonance with the national priorities. Also undertakes design consultancy and sponsored research for public and private organisations in developing optimal structural designs using computers, tests on scaled models and prototypes, field measurements, etc.,

**PUBLICATIONS :**

Annual Report, Brochure, Research Papers, etc., and various handbooks relating to structural engineering.

**ADDRESS :**

ROORKEE—247 667.

CABLE : SERCENTER    TELEX : 0597-204    SERC IN    PHONE : 2480, 2425.



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**UNIVERSITY OF ROORKEE**  
**(DEPTT: OF EARTHQUAKE ENGINEERING)**  
**ROORKEE**

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**STATUS :**

Department of the University of Roorkee financially supported by U.P. State Government and University Grants Commission.

**HEAD OF DEPARTMENT :**

Dr. A. S. Arya.

**FIELD OF ACTIVITY :**

Basic and applied research in structural dynamics and design of structures for Earthquake and Blast Forces. Housing in Seismic Zones. Designs of Dams and Appurtenant Structures, Nuclear Power Plants and other structures in Earthquake Zones, Soil and Foundation Behaviour during Earthquake. Instrumentation for Earthquake Engineering and Seismological Studies, Seismology, Seismo-Tectonics and Seismic Zoning. Field Surveys of Earthquake Damages Ground Deformations. Dynamic Behaviour of Structures, Dynamic Properties of Foundations and Soils are also carried out.

**SERVICE :**

The Department has a Library. It gives consulting services on request. It runs regular M.E. Courses in Earthquake Engineering with specialisations in Structural Dynamics and Soil Dynamics and a one year post-graduate Diploma course for sponsored in service engineers leading to the M.E. degree in Earthquake Engineering. Facilities exist for research work leading to Ph. D., Degree in Structural Dynamics, Soil Dynamics, Instrumentation, Engineering Seismology.

**PUBLICATIONS :**

Annual Report, Proceedings of Symposia on Earthquake Engineering organised periodically, Bulletin of the Indian Society of Earthquake Technology.

**ADDRESS :**

University of Roorkee, ROORKEE—247 667.

**CABLE : EARTHQUAKE, UNIVERSITY TELEX :**

**PHONE : 2349, 2405, 2604/20**

## **II STATE GOVERNMENT RESEARCH INSTITUTIONS**

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**ANDHRA PRADESH ENGINEERING RESEARCH LABORATORIES**  
**HYDERABAD**

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**STATUS :**

A State Government Organisation.

**OFFICER ON SPECIAL DUTY :**

Dr. M. Venkateswarlu.

**FIELD OF ACTIVITY :**

Research Units cover fields of hydraulics, soil mechanics, engineering materials, engineering physics and chemistry, engineering mathematics, computer applications, mobile testing facilities for water quality and hydrometeorology. The laboratory is also engaged on long term basic research and studies directed towards the expansion of engineering knowledge in general and towards finding out solutions to certain complex and persistent problems facing engineering profession in particular.

**SERVICE :**

Imparts practical training to engineering personnel from projects and other organisations in routine laboratory practice and field control techniques and permits engineering students to pursue programmes of research. Conducts specific investigations as and when required on civil engineering problems arising during investigation, design, construction and operation in connection with various irrigation, power, highways, buildings, industrial and public health projects and other engineering works under way in the State.

**PUBLICATIONS :**

Papers, reports, etc.

**ADDRESS :**

Himaatsagar, Rajendranagar Post, Hyderabad—500030.

PHONE : 48052, 57071

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**BUILDING CENTRE DIVISION****MADRAS**

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**STATUS :**

Established in 1960 under Public Works Department by the Government of Tamil Nadu.

**EXECUTIVE ENGINEER :**

Shri W.S.O. Kunder.

**FIELD OF ACTIVITY :**

The Building Centre undertakes the tests on building materials, soil testing, method of new construction techniques, dissemination of information regarding building materials plants, etc.

**SERVICE :**

The Centre has got a library with Indian and Foreign Journals. Conducts technical meetings with experts from Research Organisations and Educational Institutions. Screens technical films received from foreign embassies.

**PUBLICATIONS :**

"PWD Building Bulletin" is published for Departmental circulation once in three months.

**ADDRESS :**

P.W.D. Chepauk, Madras—600 005.

PHONE : 842123/29

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**CONCRETE AND SOIL RESEARCH LABORATORY**MADRAS

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**STATUS :**

Established in March, 1946, set up by the Public Works Department, Government of Tamil Nadu.

**DIRECTOR :**

Dr. S. Alexander.

**FIELD OF ACTIVITY :**

Testing and conducting research on engineering materials, such as cement, sand, lime, pozzolana, building stones, steel, etc, studies on foundations problems, seepage, embankment, stresses in dams (earth and masonry) concrete mix designs for specific works, admixtures to concrete and mortar, durability of concrete estimated in corrosive media. Manufacturing of equipment for testing soils, cement, lime, manufacturing of temperature measuring, pore pressure measuring, settlement measuring instruments for earth and masonry dams.

**SERVICE :**

The laboratory maintains a library of books and periodicals for consultation. Consultative advice to Government Departments is given on request.

**PUBLICATIONS :**

Annual Report and Research Reports.

**ADDRESS :**

Soil Mechanics & Research Division, Public Works Department, Chepauk, Madras—600 005.

PHONE : 842123/49.

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**CONTROL AND RESEARCH LABORATORY**

**BHUBANESHWAR**

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**STATUS :**

State level testing laboratory for testing of soil and other building materials.

**DEPUTY DIRECTOR RESEARCH :**

Shri N.K. Rath.

**FIELD OF ACTIVITY :**

Both field investigations tests and laboratory experiments for foundations of buildings, bridges, roads, etc., Concrete mix design for all type of works including pre-stressed concrete bridges and thermal power stations, Materials testing, i.e., cement, aggregate sand, bricks, tiles, rocks, concrete, steel. Post investigational problems by chemical analysis.

**SERVICE :**

Undertakes investigation on behalf of P.W.D. (Roads and Buildings) Orissa, N.H.F.C.I. Talcher Thermal, CPWD, Food Corporation, Irrigation and Power Electricity Boards S.E. Railway, Paradeep Port Trust, etc.,

**PUBLICATIONS:**

Reports.

**ADDRESS :**

Sachivalaya Marg, Unit IV, Bhubaneswar—75 001.

PHONE : 52099.

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**GUJARAT ENGINEERING RESEARCH INSTITUTE****VADODARA**

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**STATUS :**

Part of Irrigation Department of Gujarat State, Established in 1960.

**DIRECTOR :**

Shri C.D. Thatte.

**FIELD OF ACTIVITY :**

Foundation investigation, conducting hydraulic studies through physical models, Remote sensing, Erection of windmill.

**SERVICE :**

Assistance in selection use and control of construction materials, advice in solution of problems arising in design and construction of dams, canals, highways bridges, building and all civil engineering structures. Consultancy in investigation of sites for various civil engineering projects. Rock Mechanics, tubewells and ground water.

**PUBLICATIONS :**

Navnirman-Half yearly, Manual on quality control, Research bulletin (Gujarati) and Reports.

**ADDRESS :**

Race Course, Vadodra 390007

CABLE : RESEARCH

PHONE : 66896, 67213-14-15,  
: 66876 66891

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**HIGHWAYS RESEARCH STATION****MADRAS**

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**STATUS :**

The Highway Research Station was established in the year 1957. This is run by the Government of Tamil Nadu.

**DIRECTOR :**

Shri A. Venkatarangaraju.

**FIELD OF ACTIVITY:**

The Highways, Research Station consists of four laboratories dealing with : Soils and Foundation Engineering; Aggregate and Bitumen; Concrete and Structures; and Traffic and Transportation Engineering.

All the investigations and research are to promote knowledge of the subject of road construction and make use of the materials in a most economical way. The Highways Research Station deals with research connected with soil properties, design of foundations, new techniques in road construction, design of flexible and rigid pavements, design of traffic junctions as well model study and testing of bridge structures. This also acts as quality control laboratory for the field work for promotion of better quality.

**SERVICE :**

Conduct Training Courses for Road Engineering. Arranges lectures and screening of films of interest.

**PUBLICATIONS :**

Research Reports and Annual Reports.

**ADDRESS :**

Guindy, Madras—600 025

**CABLE : HIGHSEARCH**

**PHONE : 414290**



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**HIRAKUD RESEARCH STATION****HIRAKUD**

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**STATUS :**

Research and testing laboratory under Orissa Government since 1960.

**CHIEF RESEARCH OFFICER :**

Shri R.B. Mohanty

**FIELD OF ACTIVITY :**

Quality control work of Medium Irrigation Projects coming under Sambalpur, Sundargarh, Bolangir and Kalahandi Districts of Orissa. Prototype behaviour studies of Hirakud Dam Project by way of observing and interpreting different measuring installation readings including some of the Major and Medium Projects such as Balimala Dam Project and Salandi Irrigation Projects etc., Direct survey work including Hydrographic Survey below water level and Ground Survey above water level has been taken up since 1964 in case of Hirakud Reservoir. Studies on Sedimentation of Hirakud Reservoir have been taken up under U.N.D.P. Assistance alongwith Bhakra (Punjab), Pochampad (A.P.) Ukai (Gujarat), Tungabhadra (Karnataka) Reservoirs from June '85 and the planned completion date of the scheme is Sept. '89. An attempt has been made to apply Remote Sensing to Sedimentation Studies of Hirakud.

**SERVICE :**

Conducting Laboratory tests on all construction materials, Facilities available to test crushing strength of 75cm × 75cm × 75cm. Masonry Blocks including the determination of permeability and the modulus of Elasticity, etc., in T.I.M.T.S. (Thirumale Iyengar Masonry Testing Station) under Hirakud Research Station.

**PUBLICATIONS :**

Annual Review and Reports.

**ADDRESS :**

P.O. Hirakud.—768 016, District : Sambalpur, Orissa.

PHONE : 17

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**KARNATAKA ENGINEERING RESEARCH STATION**  
**KRISHNARAJASAGAR**

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**STATUS :**

Established in 1945, set up by the Public Works Department, Government of Karnataka.

**DIRECTOR ;**

Shri C.B. Lakshmana Rao.

**FIELD OF ACTIVITY :**

Applied studies on building materials, roads, materials and hydraulic problems connected with Irrigation projects of the state. Also carrying out basic studies referred by CBIP and applied studies on materials of construction.

**SERVICE :**

The Research Station has a good library containing a number of latest technical books and journals. Has well equipped laboratories in Soil Mechanics, Material Testing and Hydraulic. It runs Engineering Staff Training College for inservice Engineers of the PWD, in addition. The Research Station offers consultative advice on request. It has been associate with almost all the Major Irrigation works in the State.

**PUBLICATIONS :**

Annual Report and other research publications, Bimonthly magazine (Research Engineer).

**ADDRESS :**

Krishnarajasagar-571607, Karnataka.

PHONE : 23

**KERALA ENGINEERING RESEARCH INSTITUTE**PEECHI

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**STATUS :**

Part of the Public Works Department, Government of Kerala, Established in 1960.

**JOINT DIRECTOR :**

Shri C.K. Prabhakaran.

**FIELD OF ACTIVITY :**

The Institute has got eight divisions and attends to research studies in the field of civil engineering mainly of an applied nature. These include studies leading to solution of design and construction problems of civil engineering structures, testing of materials for construction studies on foundation materials and their properties, model tests on hydraulic structures, harbour studies, basic studies on river behaviour, shore protection problems, sedimentation in reservoirs, geotechnical properties of laterities.

**SERVICE :**

The Institute has a library having books on civil engineering and allied disciplines; offers consultancy service in civil engineering; undertakes testing of materials, analysis of samples, etc.

**PUBLICATIONS :**

Annual Report, Research Reports.

**ADDRESS :**

Peechi-680 653, Kerala.

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**MAHARASHTRA ENGINEERING RESEARCH INSTITUTE**  
**NASHIK**

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**STATUS :**

Established in April, 1959 by Govt. of Maharashtra as Central Engineering Institute at Bombay. It was shifted to Nashik in October, 1959. The Institute at Nashik came to be known by its present name in April, 1960.

**DIRECTOR :**

Shri P.K. Nagarkar.

**FIELD OF ACTIVITY :**

Mostly the applied research is carried out by the Institute in areas of Hydrodynamics, Coastal Engineering, Soil mechanics, Highways, Materials Testing, Instrumentation, Structures, Environmental Engineering, Remote Sensing, Vibration Engineering, Seismic Data Analysis. Problems of basic research are also tackled and testing of water, industrial waste, materials, concrete and mortar is carried out.

**SERVICE :**

The Institute gives consultative advice on request. Samples of water, industrial waste, materials concrete, Mortars and Soils of private and Semi-Govt. bodies are tested. Library facilities are provided. Periodical calibration of various equipment of the field laboratories is carried out.

**PUBLICATIONS :**

Annual Reports, Technical Memoranda "Sthapatya" Journal (Quarterly) and publication of revised PWD Handbook.

**ADDRESS :**

Dindori Road, Nashik—422 004.

PHONE : 72534. 72185.

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**PUNJAB BUILDINGS AND ROAD RESEARCH LABORATORY**  
**CHANDIGARH**

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**STATUS :**

Established in August, 1944 by the Government of Punjab.

**RESEARCH OFFICER:**

Shri R.N. Vasudema.

**FIELD OF ACTIVITY :**

Applied research in Buildings and roads, soil stabilisation, foundation engineering and testing soil and cement mortars.

**SERVICE :**

The Institute has a Library and gives consultative advice. It undertakes training of engineering staff in soil stabilisation work.

**PUBLICATIONS:**

Annual Reports, etc.

**ADDRESS :**

Sector 19, CHANDIGARH.

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**ROAD AND BUILDING RESEARCH INSTITUTE****PAILAN**

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**STATUS :**

Established in 1952 by the Government of West Bengal.

**DIRECTOR :**

Shri R.K. Samanta.

**FIELD OF ACTIVITY :**

Testing and research on building and road materials, soil mechanics and foundation engineering, investigation work in the allied field. Field as well as Laboratory Research, substitution of traditional construction materials with new ones from industrial wastes and similar products. Exploration of local resources for reducing construction cost, etc.

**SERVICE :**

The Institute has a Library and gives consultative advice on request on testing of materials and soil mechanics and foundation engineering relating to Roads, Bridges, Buildings, Runways, etc. Organises training of personnel.

**PUBLICATIONS :**

Annual Reports, Research Papers, Code of Practice for Soil Investigation, Lecture Notes, Schedule of Rates.

**ADDRESS :**

P.O. Rashapunja, Pailan, Distt. 24-Parganas, West Bengal.

PHONE : 615400 615488.

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**TESTING AND RESEARCH INSTITUTE****PATNA**

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**STATUS :**

Established in 1950 as soil Research Sub-Division, attached to Patna Division PWD and subsequently converted into the present status in the year 1962.

**DIRECTOR :**

Shri D. N. Mishra.

**FIELD OF ACTIVITY :**

The Institute mainly undertakes tests in the fields of roads and building materials. The initial stages of the research work consist in investigating the cheap specification for roads and buildings.

**SERVICE :**

The Institute has a Library which provides general consultation. It has also a good collection of photographs and models of important buildings and bridges constructed in the State for exhibitions both inside and outside the State.

**PUBLICATIONS :**

Annual Report.

**ADDRESS :**

Central Design Organisation, PWD, Punaichak, Patna-15.

PHONE : 25253

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**UTTAR PRADESH P.W.D. RESEARCH INSTITUTE**  
**LUCKNOW**

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**STATUS :**

Established in 1964. Set up by the Public Works Department, Govt. of Uttar Pradesh.

**DIRECTOR :**

Shri Ravindra Kumar.

**FIELD OF ACTIVITY :**

Testing of materials, foundation investigation, traffic studies, research on construction and materials techniques pertaining to roads, buildings and bridges.

**SERVICE :**

The Institution has a Library; it gives consultative advice on request.

**PUBLICATIONS :**

Annual Reports and Technical Bulletins.

**ADDRESS :**

Mahatma Gandhi Marg, Lucknow.

PHONE : 20135-207-258.



## **III. SOCIO-ECONOMIC RESEARCH INSTITUTIONS**

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**CALCUTTA UNIVERSITY DEPARTMENT OF ECONOMICS**  
**CALCUTTA**

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**STATUS :**

Statutory.

**HEAD OF DEPARTMENT :**

**FIELD OF ACTIVITY :**

Research in Urban Economics and courses in M.A. M. Phil., Ph. D. Programme by Professors and Readers.

**SERVICE :**

It undertakes a number of studies and surveys on matters of current economic interest.

**PUBLICATIONS :**

Papers, reports, etc.

**ADDRESS :**

56, A—B.T. Road, Calcutta-700 050.

**PHONE :** 52-5082.

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**CENTRE FOR DEVELOPMENT STUDIES**  
**TRIVANDRUM**

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**STATUS :**

Autonomous body financed by the Central and State Governments, Established in 1970.

**DIRECTOR :**

Prof. T.N. Krishnan.

**FIELD OF ACTIVITY :**

Engaged in the teaching and research on applied economic problems relates to development. Faculty research efforts cover a wide area, including agrarian structure, land and labour relations, crop production, livestock, fisheries, industry, finance, education, health and nutrition, etc.

**SERVICE :**

The centre has a library having a collection of over 75,000 books and over 400 current periodicals.

**PUBLICATIONS :**

Books and papers.

**ADDRESS :**

Ulloor, Trivandrum 695 011, Kerala.

**CABLE : CENTIPED**

**PHONE : 8412, 8881-8884.**

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**GOKHALE INSTITUTE OF POLITICS AND ECONOMICS**  
**PUNE**

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**STATUS :**

Private, Established in 1930.

**DIRECTOR :**

Shri K. Sivaswamy Srikantan.

**FIELD OF ACTIVITY :**

The main activity at this Institute consists of teaching in economics at the post Graduate level, guiding Ph. D. Students in economics and Research in Agricultural Economics, Forestry Economics, Demography, Rural Sociology, Urban Economics, Development Planning, Structure of Indian Economy, Economic History, Applied Statistics, Land Reforms, Studies in Money, Finance & International Trade Development of the Indian Economic and Area Studies in Economics of East European Countries.

**SERVICE :**

Research in Economics and other fields enumerated above.

**PUBLICATIONS :**

Books, Reports, Bibliographies, Surveys, etc.

**ADDRESS :**

Gokhale Institute of Politics Economics, Deccan Gymkhana, Pune-411004.

**CABLE :** GOKHALINST (DG).

**PHONE :** 54287.

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**INDIAN INSTITUTE OF MANAGEMENT**AHMEDABAD

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**STATUS :**

Established in 1962 as an autonomous Institute sponsored by the Government of India in collaboration with the State Government of Gujarat and various Industries.

**DIRECTOR :**

Dr. V.S. Vyas.

**FIELD OF ACTIVITY .**

To provide educational facilities for training young men and women for careers in management and related fields in any form of organisation; to improve the decision making skills and administrative competence of practising managers; to develop teachers and researchers in different management fields; to create knowledge through research, both applied and conceptual, relevant to management and its underlying disciplines, and to disseminate such knowledge through publications; to assist organisations in solving their management problems by providing consulting services; and to collaborate with other institutions in India and abroad to further its objectives and if necessary, to assist in institution building.

**SERVICE :**

The Institute has a well stocked library containing over 96,000 volumes, and is currently subscribing more than 800 periodicals. There are two computer systems available at the Institute Computer Centre : a DEC-DDP 11/70 and HP 21168 computer systems. The computer centre has a large library of programmes for use in various areas of management. The Institute also conducts management Development programmes, undertakes research and consultancy work and organises seminars, conferences, workshops, lectures, etc.

**PUBLICATIONS :**

Books, Monographs, Research papers and book chapters and conference/seminar papers and other special reports, Annual Reports, Bulletins, Doctoral dissertations/thesis Vikalpa; the journal for decision makers. IIMA Alumnus.

**ADDRESS :**

Vastrapur, Ahmedabad—380 015.

**CABLE : INDIANMAN TELEX : 21-351 IIMA IN PHONE : 450041.**

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**INDIAN INSTITUTE OF PUBLIC ADMINISTRATION**  
NEW DELHI

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**STATUS :**

Autonomous Society, fully financed by the Government of India. The centre for Urban Studies is fully financed by the Ministry of Urban Development.

**DIRECTOR :**

Shri S. Ramanathan.

**FIELD OF ACTIVITY :**

Urban Administration and Finance.

**SERVICE :**

Training courses, Seminars, Research, Consultancy, Documentation, etc. Also maintains a specialised Library on Urban Affairs.

**PUBLICATIONS :**

'Nagarlok' quarterly journal, reports, papers etc.

**ADDRESS :**

Indraprastha Estate, Ring Road, New Delhi-110002.

CABLE : ADMNIST      PHONE : 3317309.

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**INSTITUTE FOR SOCIAL AND ECONOMIC CHANGE**  
**BANGALORE**

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**STATUS :**

An Autonomous Research Institute registered under the Karnataka Societies Registration Act of 1960, Established in 1972. It is funded by Government of Karnataka and Government of India.

**DIRECTOR :**

Dr. G. Thimmaiah.

**FIELD OF ACTIVITY :**

To conduct, sponsor and aid research in social sciences.

**SERVICE :**

Undertakes training programmes for officials and non-officials and conducts doctoral programmes in collaboration with the Universities.

**PUBLICATIONS :**

Booklets, papers, etc.

**ADDRESS :**

Nagarabhavi P.O. Bangalore-560 072.

**CABLE : ECOSOCI      PHONE : 606224, 606274, 606324.**

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**INSTITUTE FOR TECHNO ECONOMIC STUDIES**  
**MADRAS**

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**STATUS :**

A non-profit research Organisation registered under the Registration of Societies Act.

**CHIEF ADVISOR :**

Shri V. Karthikeyan.

**FIELD OF ACTIVITY :**

To undertake, aid and coordinate research on an inter disciplinary basis in economic and industrial problems including organisational and administrative aspects and the social implication of these problems.

**SERVICE :**

Organises Seminars and other programmes.

**PUBLICATIONS :**

Reports, papers, etc.

**ADDRESS :**

76, Harrington Road, Chetput, Madras-600 031.

**CABLE : NIDHI PHONE : 665098.**



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**INTERNATIONAL INSTITUTE FOR POPULATION SCIENCES**  
**BOMBAY**

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**STATUS :**

Autonomous Institute. Established in 1956 under the Administrative Control of the Ministry of Health and Family Welfare, Government of India.

**DIRECTOR :**

Dr. K. Srinivasan

**FIELD OF ACTIVITY :**

Research in population studies labour force, housing needs and projections urbanisation, social research, statistic, etc.

**SERVICE :**

Training courses, Seminars & Orientation, Training Courses.

**PUBLICATIONS :**

IIPS News letter, Seminar Proceedings papers.

**ADDRESS :**

Govandi Station Road Deonar, Bombay-400 088.

**CABLE : DEMOGRAPHY CHEMBUR PHONE : 5511347.**

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**RESERVE BANK OF INDIA  
(DIVISION OF INDUSTRIAL STUDIES)  
BOMBAY**

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**STATUS :**

A constituent of the Department of Economic Analysis and Policy of the Reserve Bank of India, established in 1976.

**DIRECTOR :**

Shri Jag M. Chona.

**FIELD OF ACTIVITY :**

Studies on Industrial Production, Labour and employment, Security prices and Yields and Industrial Finance including Housing Finance.

**SERVICE :****PUBLICATIONS :**

Annual Report on Currency and finance.

**ADDRESS :**

Department of Economic Analysis and Policy, Reserve Bank of India, P.B. No. 1036,  
Bombay-400 023.

**CABLE : RESERVE BANK**

**TELEX : 011-2318-011-2455 PHONE : 260841.**

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**SHRI RAM CENTRE FOR INDUSTRIAL RELATIONS & HUMAN RESOURCES**  
NEW DELHI

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**STATUS :**

Registered Society under Societies Registration Act XXI of 1969 : Established in 1963.

**EXECUTIVE DIRECTOR :**

Mr. Arun Joshi.

**FIELD OF ACTIVITY :**

To identify and carry out basic and applied research in the areas of industrial relations Human Resources and Rural labour ; to improve the skills of researchers and practitioners; to disseminate research results.

**SERVICE :**

The Centre has a Library with about 30000 books and subscribe to about 200 journals It organises training programmes, seminars and conferences.

**PUBLICATIONS :**

Indian Journal of Industrial Relations (Quarterly), Books, reports, etc.

**ADDRESS :**

5, Sadhu Vaswani Marg (Pusa Road), New Delhi-110005.

CABLE : SRICIR PHONE : 585134, 585144.

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**TATA INSTITUTE OF SOCIAL SCIENCES**  
**BOMBAY**

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**STATUS :**

Private, Established in 1936.

**DIRECTOR :**

Dr. (Miss) A.S. Desai.

**FIELD OF ACTIVITY :**

The Institute offers programmes study leading to Postgraduate Personnel Management and Post Doctoral qualifications in Personnel Management, Social Work, Industrial Relations, etc.

**SERVICE :**

Organises social research, providing professional personnels for social science research, and arranges lectures seminars and symposia, etc.

**PUBLICATIONS :**

Reports, papers, Booklets.

**ADDRESS :**

Sion Trombay Road, Deenar, Bombay-400 004.

**CABLE : FERNSTALK CHAMBER BOMBAY PHONE : 523101.**

# **IV ACADEMIC RESEARCH INSTITUTIONS**

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**INDIAN INSTITUTE OF TECHNOLOGY**  
**BOMBAY**

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**STATUS :**

Autonomous Academic Institute with the Status of a University sponsored by Government of India.

**DIRECTOR :**

Prof. B. Nag.

**FIELD OF WORK :**

The Civil Engineering Department is actively engaged in research on building technology and consultancy services with building organisations. Research areas of interest are (i) safety and reliability analysis and design of building, (ii) analysis of live loads and wind loads on buildings, (iii) the rehabilitation of buildings, (iv) study of impermeability of concrete structures (v) precast construction, (vi) non-destructive testing of structures, (vii) design of mixes, (viii) types of concretes curing methods, etc., (ix) analysis of building frames with and without shearwalls, etc.

**SERVICE :**

The department helps the building industry by offering consultancy services in monitoring quality control during construction of buildings, analysis, design and non-destructive testing of buildings, investigation of various products and suggestion for improvements.

**PUBLICATIONS :**

Research Papers, Books, Pamphlets and annual reports.

**ADDRESS :**

P.O. Powai, I.I.T., Bombay-400 076.

**CABLE : TECHNOLOGY**

**PHONE ; 581 421**

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**INDIAN INSTITUTE OF TECHNOLOGY**  
**DELHI**

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**STATUS :**

An Institute of National Importance established by an Act of Parliament with the status of a University. Financed almost entirely by the Government of India; an autonomous organisation under the Government of India.

**DIRECTOR :**

Prof. M.N. Swamy.

**FIELD OF ACTIVITY :**

Research in the area of Building and Civil Engineering is mainly conducted in the Department of Civil Engineering. Other Centres which also conduct research in the area are : Centre for Rural Development and Appropriate Technology and Centre for Material Science & Technology.

**SERVICE :**

The Institute serves the professional community by undertaking sponsored research and developmental projects and consultancy work. The Institute has close research collaboration with Universities and Institution abroad in countries, such as the U.K., France, Norway, Switzerland, etc.

**PUBLICATIONS :**

Annual Report, Doctoral and Master's dissertation.

**ADDRESS :**

Hauz Khas, New Delhi -110 016.

**CABLE : TECHNOLOGY PHONE 666979/665675/653575**

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**INDIAN INSTITUTE OF TECHNOLOGY**  
**KANPUR**

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**STATUS :**

Autonomous academic institution with the status of a University sponsored by the Govt. of India.

**DIRECTOR :**

Prof. S. Sampath.

**FIELD OF ACTIVITY :**

Buildings, Structural, Foundation, Environmental, Hydraulics and Water Resources Engg., etc. Teaching and Research in Civil and other disciplines, Areas covered in Civil Engineering are Structural and Foundation Engineering, Hydraulics and Water Resources Engineering, Transportation Engineering, Surveying and Remote Sensing, Environmental Engineering and Computer Aided Design.

**SERVICE :**

Consultancy on structural engineering, foundation engineering, Water resource engineering, Environmental Engineering.

**PUBLICATIONS :**

Research Papers.

**ADDRESS :**

I.I.T. Post Office, Kanpur-16, U.P.

**CABLE : TECHNOLOGY . PHONE : 240066 Ext. 254**



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**INDIAN INSTITUTE OF TECHNOLOGY****MADRAS**

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**STATUS :**

Academic Institution with the status of a University sponsored by the Government of India.

**DIRECTOR :**

Dr. H. Raman.

**FIELD OF ACTIVITY :**

Provides instruction at Master's level in Building Technology, Structural Engineering, Soil Mechanics and Foundation Engineering, Hydraulic Engineering and Transportation Engineering. Laboratories are equipped to carry out Ph. D. programmes in the above fields. Research work is carried out in building materials, structural components and systems, development and analysis of new structural systems.

**SERVICE :**

Provides consultancy service in the design and development of components and structures in steel, reinforced concrete and pre-stressed concrete. Consultancy work in the area of Foundation Engineering, Transportation Engineering, Hydraulic and Water Resources Engineering is undertaken. Conducts short term courses in specialised topics in Civil Engineering, Indo-German Projects in Civil Engineering.

**PUBLICATIONS :**

Project reports, technical reports, thesis, etc.

**ADDRESS :**

Indian Institute of Technology, Madras-600 036

**CABLE : TECHNOLOGY****PHONE : 414342**

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**REGIONAL ENGINEERING COLLEGE**  
**CALICUT**

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**STATUS :**

Autonomous Institute affiliated to the University of Calicut.

**HEAD OF DEPARTMENT :**

Dr. P.S. Mony.

**FIELD OF ACTIVITY :**

Teaching and Research, Developmental work, Undergraduate and Post-graduate, programme in Civil Engineering.

**SERVICE :**

Site investigation and soil surveys. Laboratory investigation of materials/structures. Water & Waste Water tests for industry. Consultation work related to the planning & design of structures. Development of New materials and techniques of construction.

**PUBLICATIONS :**

More than 150 papers on different aspects of Research in building and allied fields.

**ADDRESS :**

Department of Civil Engineering, Regional Engineering College, Calicut-72117.

**CABLE : REGENGCOL**

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**REGIONAL ENGINEERING COLLEGE**  
**DURGAPUR**

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**STATUS :**

Autonomous body established in 1960 jointly controlled by Central & State Governments.

**HEAD OF DEPARTMENT :**

Dr. R.C. Ganguli.

**FIELD OF ACTIVITY :**

Under-graduate & Postgraduate courses in Civil Engineering. College runs an industrially oriented postgraduate course on Structural Engineering. Basic and applied Research in the fields of Structural Engineering, reinforced concrete and prestressed concrete structures. Research is also conducted on public health engineering and foundation engineering.

**SERVICE :**

The department offers consultancy and testing services to the neighbouring industries.

**PUBLICATIONS.:**

Annual Report and other Research publication.

**ADDRESS :**

Civil Engineering Department, Mahatma Gandhi Avenue, Durgapur-9 (West Bengal).

PHONE : 2647

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**REGIONAL ENGINEERING COLLEGE**  
**SRINIVASNAGAR**

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**STATUS :**

Established by Govt. of India and Govt. of Karnataka in 1960 and governed by autonomous Government Council.

**HEAD OF DEPARTMENT :**

Dr. R. Ramakrishnan.

**FIELD OF ACTIVITY :**

The Department of Civil Engineering is engaged in research activities connected with precast buildings for low-income people, light weight concrete, paddy husk ash concrete, prestressed concrete both pre-tensioned and post-tensioned, ferro-cement; testing of building materials, soils and structural components, investigations and testing in foundation engineering problems. Provides consultancy to State Organisations and various engineering organisations in Karnataka in the field of Structures, Specific problems like those pertaining to limit state design of structures, fundamental problems pertaining to building and highways are also carried out.

**SERVICE :**

The College has got a big library containing technical books, periodicals and research bulletins. The Library offers facilities for all interested persons to utilise the same.

**PUBLICATIONS :**

Research papers and special annual publications.

**ADDRESS :**

Department of Civil Engineering, REC, P.O. Srinivasnagar-574 157, South Kanara District, Karnataka.

PHONE : 7322 and 7324

CABLE : KARENG

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**REGIONAL ENGINEERING COLLEGE**  
**WARANGAL**

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**STATUS :**

Established in 1959 as a joint enterprise of the Centre and State Governments. An autonomous institution affiliated to Kakatiya University.

**HEAD OF DEPARTMENT :**

Dr. S. RAGHAVA CHARI.

**FIELD OF ACTIVITY :**

Use of fly-ash, cinders and other indigeneous material for low cost construction. Use of hollow-cement blocks for masonry works. Precast R.C.C. and brick panel elements for roofs/floors. Studies on reinforced earth embankments and foundations in expensive clays. Geophysical prospecting of groundwater. Planning of Housing, colonies, Urban Transportation . Planning and Regional Transportation Planning.

**SERVICE :**

Teaching, Research and continuing education. Comprehensive consultancy services including investigations, planning and design of all types of buildings, urban layouts, water management.

**PUBLICATIONS :**

College research bulletin, departmental monographs, Consultation reports, research publications and reports of sponsored projects.

**ADDRESS :**

Department of Civil Engineering, REC, Warangal-506 004, Andhra Pradesh.

**CABLE : RENGCOL      PHONE : 6119.**

**V PRIVATE  
RESEARCH INSTITUTIONS**

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**ACC CENTRAL RESEARCH STATION****THANE**

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**STATUS :**

The R & D Division of ACC—Central Research Station—was established in 1965. It is recognised by the Department of Science & Technology.

**CONTROLLER RESEARCH :**

Dr. A.K. Chatterjee.

**FILED OF ACTIVITY :**

Development of products/processes/lab techniques; Technical support services for sister departments, works; Absorption of collaborative technologies; Evaluation/procurement of foreign technologies; Training and retraining functions.

Technology transfer; Consumer services.

The Specific thrust areas are :

Operational improvement at cement works; Improvement in raw material/fuel usage in cement works; Product quality improvement and monitoring; development/improvement of new products related to cement /refractory/catalysts and adsorbents and development of new processes. Technical audit, Absorption of foreign technology; Technological talent development; participation in Government and Academic bodies such as Bureau of Indian standards, National Council for Cement and Building Materials, etc; and support to various divisions in corporate office.

**SERVICE :****PUBLICATIONS :**

Annual Reports, quarterly 'Cement Abstracts'—both for 'in-House' use only.

**ADDRESS :**

The Associated Cement Companies Ltd. Research & Development Division, Central Research Station, Lal Bahadur Shastri Marg, Thane-400 004.

CABLE : ACCRESERCH      TELEX ; 011-72190-CRS IN      PHONE : 59 36 31,  
59 36 32, 59 36 33, 501602..

## **VI ANNEXURES**



**BUILDING & HOUSING RESEARCH INSTITUTIONS IN ESCAP REGION****AFGHANISTAN**

Building Research Centre  
C/o Central Authority for Housing and  
Town Planning, Kabur, Yakatoot  
Afghanistan.

**AUSTRALIA**

1. Commonwealth Scientific and Industrial  
Research Organisation, Division of Building Research  
Urban Road, Highett S-21, Victoria-3190  
Australia.
2. CSR Building Materials Research Laboratories  
Ouetan Avenue, Concord West  
New South Wales, 2221.
3. Department of Architectural Science  
University of Sydney, New South Wales  
Australia-2006.
4. Experimental Building Station  
FC 3, Department of Works  
P.O. Box No. 30,  
Chatswood, NSW 2067  
(Australia).
5. School of Civil Engineering  
University of Sydney  
New Southwales-2006.

**BANGLADESH**

Building Research Institute  
Mirpur, Dacca, Bangladesh.

Forest Research Institute  
P.O. Box 273, Chittagong  
Bangladesh.

**INDONESIA**

Directorate of Building Research  
84, Jalan Tamansari  
Bandung, Indonesia.

**IRAN**

1. Building & Housing Research Centre  
P.O. Box 15-1114  
Tehran, Iran.
2. Director General of Housing  
Ministry of Development and Housing  
Tehran, Iran.

**IRAQ**

Building Research Centre  
Baghdad, Iraq.

**JAPAN**

1. Building Research Institute  
Ministry of Construction  
3-Chome, Hyakunin-cho Shinjuku-ku  
Tokyo, Japan.
2. International Housing Research Institute  
Mori Building 17, 2 Shiba Hishikubo  
Sakuragawa-Cho, Minato-Ku, Tokyo-105. Japan.

**KOREA**

National Construction Research Institute  
IPO-2159, 43-83, Hwikeyong-dong  
Dongdaemoon-Ku, Soul (Seoul).

**NEW ZEALAND**

Building Construction Research Institute  
P.O. Box 9375, 42, Vivian Street  
Wellington.

**PAKISTAN**

Building Research Station  
F-40, Site Mub River Road  
Karachi-28, Pakistan.

**PAPUA NEW GUINEA**

Architectural Building Research  
Department of Public Works, Port Moresby  
Papua, New Guinea.

**PHILIPPINES**

National Institute of Science & Technology  
Pedro Gil Street, Ermita, Manila, Philippines.

**SRI LANKA**

1. Building Research Institute  
99/1, Jawatte Road, Colombo, Sri Lanka.
2. National Educational Building Research Institute  
P.O. Box 1368, Colombo, Sri Lanka.

**THAILAND**

National Building Research Development Centre  
Applied Scientific Research Corporation of Thailand  
196, Paholyethin Road, Bargkhen.  
Bangkok, Thailand.

**CHINA**

1. China Building Technology Development Corporation,  
19, Che Gong Zhuang Street, P.O. Box 752, Beijing, China.
2. Shanghai Research Institute of Building Science,  
75, Wan Ping Roads,  
Shanghai, China.

### RESEARCH/TECHINICAL INSTITUTIONS IN INDIA

1. ACC Central Research Station, Thane.
2. Andhra Pradesh Engineering Research Laboratories, Hyderabad.
3. Building Centre Division, Madras.
4. Bureau of Indian Standards, New Delhi.
5. Central Building Research Institute, Roorkee.
6. Central Electrochemical Research Institute, Karaikudi.
7. Central Road Research Institute, Delhi.
8. Central Soil and Materials Research Station, New Delhi.
9. Concrete and Soil Research Laboratory, Madras.
10. Control and Research Laboratory, Bhubaneshwar.
11. Forest Research Institute and Colleges, Dehradun.
12. Gujarat Engineering Research Institute, Vadodra.
13. Highways Research Station, Madras.
14. Hirakud Research Station, Hirakud.
15. Housing and Urban Development Corporation, New Delhi.
16. Indian Institute of Technology, Bombay.
17. Indian Institute of Technology, Delhi.
18. Indian Institute of Technology, Kanpur.
19. Indian Institute of Technology, Kharagpur.
20. Indian Institute of Technology, Madras.
21. Indian Plywood Industries Research Institute, Bangalore.
22. Karnataka Engineering Research Station, Krishnarajasagar.
23. Kerala Engineering Research Institute, Peechi.
24. Maharashtra Engineering Research Institute, Nashik.
25. National Environmental Engineering Research Institute, Nagpur.
26. National Buildings Organisation, New Delhi.
27. National Council for Cement & Building Materials, New Delhi.
28. National Test House, Calcutta.
29. National Test House, Madras.
30. Punjab Building and Road Research Laboratory, Chandigarh.
31. Regional Engineering College, Calicut.
32. Regional Engineering College, Durgapur.
33. Regional Engineering College, Srinivasnagar.
34. Regional Engineering College, Warangal.
35. Regional Research Laboratory, Hyderabad.
36. Regional Research Laboratory, Jorhat.
37. Research Designs and Standards Organisation, Lucknow.
38. Road and Building Research Institute, Pailan.
39. Soil Engineering & Materials Testing Wing, Pune.
40. Structural Engineering Research Centre, Madras.
41. Structural Engineering Research Centre, Roorkee.
42. Testing and Research Institute, Patna.
43. University of Roorkee (Deptt. of Earthquake Engineering), Roorkee.
44. Uttar Pradesh PWD Research Institute, Lucknow.

## N.B.O. REGIONAL HOUSING DEVELOPMENT CENTRES

Sl. No.	NBO RHDC	Director	Jurisdiction	Address	Phone	Gram
1	2	3	4	5	6	7
1	Bangalore	Prof. M.K.L.N. Sastry	Karnataka, Goa, Daman and Diu	Faculty of Civil Engineering, Janana Bharathi, Bangalore-560056.	601626/264 603791	RHWING
2	Bhopal	Dr. D.N. Krishnamurthy	Madhya Pradesh	Maulana Azad College of Technology, Bhopal-462007.	61585	TECHNOLOGY
3	Bombay	Shri M.A. Chavan	Maharashtra	Maharashtra Housing Area Development Authority, Bombay-400051.	6428331-35 6426411	
4	Chandigarh	Dr. P.V. Rao	Punjab, Haryana, Chandigarh	Punjab Engineering College, Chandigarh-160012.	26743	RUHOWICH
5	Guwahati	Shri M.N. Bora	Assam, Meghalaya, Nagaland, Manipur, Arunachal Pradesh, Mizoram and Tripura	Assam State Housing Board, Guwahati-3	87636	
6	Howrah	Dr. A.K. Seal	West Bengal Orissa and Sikkim	Bengal Engineering College, P.O. Botanic Garden, Howrah-711103.	674561/4	TECHNICS
7	Hyderabad	Shri K.R. Paramahansa	Andhra Pradesh	A.P. State Housing Corporation, 11.5.423 1A Lakdi-ka-pul, Hyderabad.	36817. 224681	WEACO
8	Jodhpur	Dr. M.L. Mathur	Rajasthan	M.B.M. Engineering College, University of Jodhpur, Jodhpur-342001.	23710 20448	ENGCOL
9	Madras	Dr. P. Purshothaman	Tamil Nadu and Pondicherry	College of Engineering, Preraignar, Anna Uni. of Technology, Madras-600025.	415723/14	ANNA-TECH
10	Ranchi	Dr. H.C. Pande	Bihar	Birla Institute of Technology Mesra-Ranchi 835215	21065/7296	TECHNOLOGY RHW MESRA

## ANNEXURE 3—contd.

1	2	3	4	5	6	7
11	Shimla	Shri S.P. Punhani	Himachal Pradesh	H.P. Housing Board, Nigam Vihar, Shimla-171002.	4103(O)	HIMAVAS
12	Srinagar	Prof. O.N. Koul	Jammu & Kashmir	Regional Engg. Centre, Srinagar-190006.	72321 73671	RENGCOL
13	Trivendrum	Dr. R. Jayaraman	Kerala and Lakshadweep	College of Engineering, Trivandrum-695016.	8870-8310	VASTU VIDYA
14	Vallabh Vidyanagar	Sh. K.M. Dholakia	Gujarat Dadra & Nagar Haveli	Birla Vishwakarma Mahavidyalaya Vallabh Vidyanagar-388120.	7004(O)	GRAMAVAS
15	Varanasi	Prof. V.V. Challam	Uttar Pradesh	Institute of Technology, B.H.U., Varanasi-221005.	63997	TECHNOLOGY

## REGIONAL ENGINEERING COLLEGES

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- |   |   |
|---|---|
| 1. Regional Engineering College,<br>Calicut-673001<br>(Kerala)                                    | 9. Regional Engineering College,<br>Warangal-506004<br>(Andhra Pradesh)           |
| 2. S.V. Regional College of<br>Engineering & Technology,<br>Surat-395607<br>(Gujarat)             | 10. Malaviya Regional Engineering<br>College,<br>Jaipur-302004<br>(Rajasthan)     |
| 3. Regional Engineering College,<br>Hazratbal<br>Srinagar-190006<br>(Jammu & Kashmir)             | 11. Regional Engineering College,<br>Rourkela-769008<br>(Orissa)                  |
| 4. Motilal Nehru Regional<br>Engineering College,<br>Allahabad-211004<br>(Uttar Pradesh)          | 12. Maulana Azad College of Tech-<br>nology,<br>Bhopal-462007<br>(Madhya Pradesh) |
| 5. Regional Engineering College,<br>Durgapur-713209<br>(West Bengal)                              | 13. Regional Engineering College,<br>Tiruchirapalli-620015<br>(Tamil Nadu)        |
| 6. Regional Institute of Technology,<br>Jamshedpur-831014<br>(Bihar)                              | 14. Regional Engineering College,<br>Kurukshetra-132119<br>(Haryana)              |
| 7. Visvesvaraya Regional College of<br>Engineering<br>Nagpur-440001<br>(Maharashtra)              | 15. Regional Engineering College,<br>Silchar-788010<br>(Assam)                    |
| 8. Karnataka Regional Engineering<br>College,<br>Srinivasnagar-574157<br>Surathkal<br>(Karnataka) | 16. Regional Engineering College,<br>Hamirpur-177001<br>(Himachal Pradesh)        |
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## INDIAN UNIVERSITIES/INSTITUTIONS OFFERING ARCHITECTURE COURSES

1. M.S. University of Baroda, Baroda-390002, Gujarat.
2. Maulana Azad College of Technology, Bhopal (M.P.).
3. Sir J.J. College of Architecture, Dadabhai Naoroji Road, Bombay.
4. Bengal Engineering College, Sibpur, Howrah, West Bengal.
5. School of Planning and Architecture, I.P. Estate, New Delhi-110002.
6. School of Architecture, Centre for Environmental Planning & Technology, Navrangpura, Ahmedabad-380009.
7. Jadavpur University, P.O. Jadavpur University, Calcutta-700032.
8. College of Fine Arts and Architecture, Jawaharlal Nehru Technological University, Near Masab Tank, Hyderabad-500028.
9. College of Engineering, University of Kerala, Trivendrum, Kerala.
10. School of Architecture and Planning, University of Madras, Guindy, Madras, Tamil Nadu.
11. Faculty of Engineering and Technology, Nagpur University, Tagore Marg, Nagpur-440001.
12. Visweswaraya Regional College of Engineering, Nagpur.
13. College of Architecture, Punjab University, Chandigarh.
14. University of Roorkee, Roorkee (U.P.).
15. Indian Institute of Technology, Kharagpur-721302, West Bengal.
16. College of Engineering, Bangalore University, K.R. Circle, Bangalore.
17. Abhinava Kala Vidyalaya, Tilak Road, Poona-9.
18. Bandra School of Art, St. Martins Road, Bombay-400050.
19. Academy of Architecture, Behind Ravindra Natya Mandir, Next to Tyresoles, Off. Sayani Road, Bombay-400025.
20. Manipal Institute of Technology, Manipal, South Kanaka, Karnataka-576119.
21. Malnad Engineering College, Hassan (Karnataka).
22. B.M.S. College of Engineering, Basavangudi, Bangalore-560019.
23. Regional Engineering College, Tirucherappalli-620015 (Tamil Nadu).
24. Goa College of Architecture, Govt. of Goa, Daman, Diu, Mirmar, Panaji-403001.
25. Institute of Environmental Design, Kirti Mandir Compound, Tilak Road, Vadodara-1.
26. Indian College of Engineering, Motihari-845501, East Champaran (Bihar).
27. Madhav Institute of Technology & Science, Gwalior-474005 (M.P.).
28. B.V. Bhoomraddi College of Engineering and Technology, Hubli-31.
29. Khaja Banda Nawaz, College of Engineering, Gulbarga-285104.
30. Government Engineering College, Raipur-492002.
31. College of Engineering and Technology, Akola-444001.

**SOCIO-ECONOMIC INSTITUTIONS**

1. Calcutta University, Department of Economics,  
56 A, B-7 Road, Calcutta-700050.
2. Centre for Development Studies, Trivendrum-695011, Kerala.
3. Gokhale Institute of Politics and Economics,  
Deccan Gymkhana, Pune-411004.
4. Indian Institute of Management, Vastrapur,  
Ahmedabad-380015.
5. Indian Institute of Public Administration,  
Indraprastha Estate, Ring Road, New Delhi-110002.
6. Institute of Social and Economic Change, Bangalore-560040.
7. Institute for Techno Economic Studies,  
76, Harrington Road, Madras-600031.
8. International Institute for Population Studies,  
Govardin Station Road, Dener, Bombay-400088.
9. Reserve Bank of India, P.B. No. 1036, Bombay-400001.
10. Human Settlements Management Institute (HUDCO), New Delhi.
11. Shriram Centre for Industrial Relations & Human Resources,  
5, Sadhu Vaswani Marg, New Delhi-110005.
12. Tata Institute of Social Sciences, Sion Trombay Road, Deonar,  
Bombay-400004.
13. National Council of Applied Economic Research,  
Parisila Bhawan, 11, I.P. Estate, New Delhi-110002
14. Institute of Economic Growth, University Enclave,  
Delhi-110007.
15. All India Institute of Local Self Government,  
11, Horniman Circle, Bombay-400001.
16. Regional Centre for Urban and Environmental Studies, Osmania University,  
Hyderabad-500007.
17. Centre for Economic & Social Studies,  
Nizamiah Observatory Campus, Begumpet, Hyderabad-500016.
18. Sardar Patel Institute of Economic Social Research, Thaltej Road,  
Ahmedabad-380054.
19. Institute of Public Administration, University of Lucknow, Lucknow.
20. Indian Institute of Management, Diamond Harbour, 'Joka',  
24-Parganas, West Bengal.



## PRIVATE INSTITUTIONS

1. ACC Central Research Station, Lal Bahadur Shastri Marg, Thane.
2. Centre for Improving Construction Skills,  
16, Sukhdev Vihar,  
New Delhi-110025.
3. Human Settlement Management Institute,  
212 Asian Games Village Complex,  
Khelgaon Marg,  
New Delhi-110049.
4. National Institute of Construction Management & Research,  
Walchand Centre, Tardeo Road,  
Bombay-400034 (India).
5. Pune Construction Engineering Research Foundation Ltd.,  
Regd. Office 891, B.J. Road, Pune-411004.
6. Sulabh International,  
Sulabh Institute of Applied Research,  
Adalatganj,  
Patna-800011.