

LAUNCHING

SCHOOL OF MANAGEMENT FOR INFRASTRUCTURE AND DEVELOPMENT STRATEGIES (MINDS) - INDIA

First school of its kind dedicated to technical, social & environmental aspects of infrastructure

Genesis

STEM, in consultation with a fraternity of former professors of the IIMs and IITs, has, for some time, been contemplating the possibility of consolidating the sectoral experiences accumulated by the Society, over the years, into an appropriate academic entity and working on the creation of an institute dedicated to management of infrastructure and development. A consensus was thus arrived at to launch School of MINDS, at Bangalore. The School is slated to become operational during January 2005.

Broad Objective

School of MINDS has the broad objective of

creating a pool of competent techno-managerial personnel for India's infrastructure sector.

It is envisaged that the course curriculum would be tailored to meet the sectoral demands as also to suit the aspirations of young professionals, without replicating the efforts of existing schools of business management.

Unique Curriculum

Generally speaking, most of the management institutions of India and Asia have been focusing on business economics, marketing and finance to catch up with the corporate model of developed nations. Management of welfare economics, social equity, development change, etc. has not been so much a part of the curricula of present-day management schools in the country. The MINDS curriculum would be designed in such a way as to overcome this weakness. While taking care of specialized areas of Infrastructure Management, the MINDS curriculum would also cover core areas of General Management, thus fulfilling the dual needs of present-day techno-managers.

Pragmatic Programmes

School of MINDS proposes to offer four types of Programmes:

- **Post-Graduate Diploma in Infrastructure and Development Management (PGDIDM)**, a one-year full-time course for young graduate engineers and post-graduates in other disciplines;
- **Post-Graduate Certificate in Infrastructure and Development Management (PGCIDM)**, a one-year part-time
- **Executive Capacity Enhancement (ECE) Programme** for in-service professionals;
- **Professional Enrichment Programmes (PEPs)** of short duration on Specific Aspects of Infrastructure & Development Management; and
- **Research Programmes, National Seminars & Workshops** to facilitate infrastructure-related policy deliberations and development of localized action plans as well as knowledge dissemination.

Academic, Industry & Employer Linkages

The core group at STEM, the prime mover of MINDS (see last page), has been exploring the possibility of seeking “institutional & professional support” from IIM-B for the venture so that MINDS would directly benefit from the excellence in teaching, training and curriculum design, for which IIM-B is well-known. The core group is also in touch with some leading organizations engaged in planning and implementing a variety of infrastructure projects. These include Larsen & Toubro (L&T), Building Materials & Technology Promotion Council (BMTPC), National Housing Board (NHB), Housing & Urban Development Corporation (HUDCO) and others. It is expected that key professional linkages of this nature would enhance the practical relevance and scope of the programmes to be offered by School of MINDS.

Focal Thrust

The ambitious economic growth rate of 8%, which India’s Tenth Plan seeks to achieve is mainly linked to conspicuous improvements being planned for and implemented in the infrastructure sector. The Prime Minister has announced that a committee is being constituted, under his chairmanship, to closely monitor the progress in all key infrastructure projects - including airports, power, telecom, roads & ports - on a quarterly basis, to ensure that the targets are met. School of MINDS, thus, proposes to focus on areas such as

- **Transport *including* Railways, Airways, Ports/ Shipping Lines & Highways**
- **Energy & Power**
- **Telecommunications**
- **Water & Sanitation**
- **Urban-Rural Continuum *including* Services, Rural Development,**
- **PURA (Provision of Urban Amenities in Rural Areas) and Poverty Alleviation**
- **Health & Education**
- **IT-Enabled Services**
- **Financial Services**
- **Local Governance & Community Leadership**

For most of the developing countries, this is likely to be the infrastructure investment and augmentation decade. India alone is expected to invest Rs.9,00,000 crore (US\$200 billion) on infrastructure in the next five years. Despite the ongoing reform process led by the government, the country’s infrastructure sector has remained far below public expectations and continues to be plagued by serious deficiencies. These include chronic lack of resources, poor management capabilities and the inability to develop sustainable projects. The need of the hour, therefore, is to groom a new generation of *responsive, responsible* and *proactive* sectoral planners, managers and administrators. School of MINDS with its unique curriculum and pragmatic programmes, backed by special Academic, Industry & Employer Linkages would be fully geared to meet the managerial demands of the infrastructure sector in the country.

A SPIN-OFF FROM STEM'S RESEARCH, CONSULTANCY & TRAINING ACCOMPLISHMENTS

Over the past 17 years, STEM has built up an impressive portfolio of Research & Consultancy (R&C) assignments pertaining to the various facets of infrastructure and environmental planning, development & management. These assignments have been sponsored by various Central & State government ministries, departments & development agencies, national development financing institutions like HUDCO, NABARD & NHB and international organizations including the UNICEF, WHO, The World Bank & ADB. The Society has also organized a substantial number of awareness programmes for creating managerial resources by way of Executive Development & Training Programmes, Seminars, Workshops & Round Tables of relevance to the infrastructure sector. Coinciding with its 17th Anniversary, on 27th August 2004, STEM announced the launch of its academic venture: School of Management for Infrastructure and Development Strategies - India or School of MINDS. This management school consolidates the nearly two decades of Research, Consultancy & Training expertise of the Society. It is slated to become operational during January 2005.

NEW ASSIGNMENTS OF STEM - JULY-SEP 2004

- Market Survey of Fly Ash Cement Bricks/ Blocks/ Pavers at Hyderabad *sponsored by* Building Materials & Technology Promotion Council (BMTPC), Ministry of Urban Development, Govt of India
- Concept Plan for Bangalore Healthy City Project (BHCP) (WHO initiative) *sponsored by* Bangalore Mahanagara Palike (BMP)
- Report on Trends & Progress of Housing in India *sponsored by* National Housing Bank (NHB)
- Consultancy for Facilitating Formation of Initial Capacity Building of Water Users' Associations (WUAs) under Sarda Sahayak Khand, Raebareli *sponsored by* Project Activities Core Team (PACT), UP Water Sector Restructuring Project (UPWSRP) (World Bank-assisted), Irrigation Department, Govt of UP
- Sector Status Assessment on Rural Water Supply and Sanitation in Tripura *sponsored by* Rural Development Department, Govt of Tripura
- Rapid EIA of Aidabhavi Mini Hydel Scheme, Raichur District, Karnataka *sponsored by* Jyothi Jalashakthi Pvt Ltd
- Rapid EIA of Guntagola Mini Hydel Scheme, Raichur District, Karnataka *sponsored by* Jyothi Jalashakthi Pvt Ltd
- Rapid EIA of Tugli Mini Hydel Scheme, Raichur District, Karnataka *sponsored by* Pusala Power Projects Pvt Ltd

The Minds behind School of MINDS

Prof. K. M. Anantharamaiah: PhD in Transportation & Environmental Planning from the University of Birmingham, UK. Was on the faculty of IIM-B for over two decades. Was the RBI Chair Professor in Infrastructure Management. Was Visiting Professor to the Aisian Institute of Technology (AIT), Bangkok, and the University Sains Malaysia.

Prof. Bhanoji Rao: Member of the Board of Directors of STEM. PhD from the University of Singapore. Former Professor of National University of Singapore and Economist at The World Bank.

Prof. B. Bhaskara Rao: Executive Director of STEM. Housing & Human Settlement Consultant for over three decades. Alumnus of IIT-Kharagpur. Was Professor & Dean, IIM-B. Was adviser to the UN and the Governments of Bhutan & Saudi Arabia.

Dr. N. Bhaskara Rao: Member of the Board of Directors of STEM. Chairman of Centre for Media Studies, New Delhi. Was President of Operations Research Group (ORG).

Prof. J. C. Bhatia: PhD in Public Health from the University of California, USA. Was on the faculty of IIM-B for over two decades.

Prof. S. N. Chari: Former Faculty of IIM-Bangalore and Director in Kirloskar Group.

Prof. T. P. Gopaldaswamy: PhD in Agricultural Economics from IARI, New Delhi. Specialist in Rural Marketing & Rural Infrastructure Development. Was on the faculty of IIM-B, for over two decades.

Dr. C. K. Jayarajan: PhD in Urban and Regional Studies. Technical Consultant and Training Expert in Urban & Regional Planning for over four decades. Served Commonwealth Secretariat, GTZ and UNCHS in various capacities. Was closely associated with developmental projects in various parts of Africa and India, as advisor and project leader.

Mr M. N. Joglekar: Member of the Board of Directors of STEM. Was formerly Executive Director of HUDCO.

Prof. V. B. Koujalgi: PhD from IIT-Mumbai. Was on the faculties of IIT-Mumbai and IIM-Bangalore. Was also consultant to UNDP.

Mr. B. S. Krishna Rao: Member of the Board of Directors of STEM. Was formerly Deputy General Manager of HEC, Ranchi.

Prof. Malay Banerjee: Former faculty IIM-B. Currently, Director, Oakdene India.

Mr. B. S. Murthy: Member of the Board of Directors of STEM. Managing Director of the architectural and design group, PADGRO, Chennai.

Prof. N. Naganna: PhD in Economics (Pune). Specialist in Energy Policy &

Planning, Environmental Quality Management and Public Policy. Was on the faculty of the IIM-B, for more than two decades.

Prof. P. Narayana Reddy: PhD in Engineering and Director, The Oxford College of Engineering, Bangalore.

Prof. M. Panduranga Vithal: Director of School of MINDS. Ph D from the Delhi School of Economics. Was on the faculties of the Indian Institute of Plantation Management (IIPM)-Bangalore, University of Delhi, Institute of Rural Management-Anand and IIM-Calcutta. Was also Visiting Professor at the University of Bielefeld, Germany.

Prof. B. R. Patil: PhD from the Tata Institute of Social Sciences, Mumbai. Specialist in Human Resources Development & Management, Organizational Behaviour & Research Methodology. Was on the faculty of the IIM-B for nearly two decades.

Mr. P. V. A. Rama Rao: Member of the Board of Directors of STEM. Held various executive positions in RBI and NABARD for over three decades. Was Managing Director of NABARD.

Prof. N. S. Ramaswamy: Member of the Board of Directors of STEM. Was Founder Director of IIM-B, Director of NITIE- Bombay, and Professor at the Bajaj Institute of Management of Bombay University. Currently, presides over the Bangalore-based Centre of Action, Research & Technology for Man, Animal & Nature (CARTMAN) and Indian Heritage Academy (IHA).

Dr. K. S. Rame Gowda: Chairman of the Board of Directors of STEM. Ph D in Urban and Regional Planning. Was Director of Town Planning, Government of Karnataka & Chief Technical Adviser to UNCHS.

Prof. D. V. R. Rao: Member of the Board of Directors of STEM. Was formerly Director of the School of Planning & Architecture, New Delhi, Head of the Dept of Architecture & Regional Planning, IIT, Kharagpur, and President, Institute of Town Planners - India. Also, served as UN Adviser.

Prof. P. S. Rao: A specialist in water resources development and management. Held various faculty positions at IIM-B. Was associated with The World Bank, FAO, the Govt of The Netherlands, International Water Management Institute (IWMI)-Colombo, and Global Water Partnership (GWP).

Prof. N. V. Ratnam: PhD from Hawaii (USA). Was faculty at IIM-B & NIBM. Presently Chairman of SMART.

Mr P. H. Reddy: Member of the Board of Directors of STEM. Computer Applications Specialist. Was Regional Manager of Operations Research Group (ORG).

Dr. G. Thimmayya: Was Member, Planning Commission, Govt of India, Director, Institute of Social & Economic Change (ISEC), Bangalore, and Economic Adviser, Govt of Karnataka.



STEM IS A PREMIER REGISTERED SOCIETY DEVOTED TO ORGANIZATIONAL RESEARCH & DEVELOPMENT PLANNING

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