

Five Year Action Plan 2007-2012

The action plan is divided year wise and each year the plan is under following heads

- Consultancy / Testing
- Research activities
- Development
- Placement
- Quality Improvement Programme.

2007-2008

Consultancy

- Establishing Soil Mechanics laboratory.
- Improving facility in Survey lab
 - i.e. purchase of -1.Total Station
 - 2. Micrometer theodolite
- Improving facility in existing laboratories
 - Strength of Material
 - Fluid Mechanics
 - Material Testing
 - Geology
- Approval from Government agencies.
- Approaching target groups for consultancy & testing in
 - 1- Concrete
 - 2- Material
 - 3- Surveying

Research Activities

- Promoting faculties to participate in National/ International conferences to present their contribution (papers)
- Improving the publications of faculties in National/ International journals.
- Organizing QUIZ for the students of Engineering at National level in fluid Mechanics
- Expansion of library in the context of research journals.

- Establishing separate computer laboratory equipped with all Modern Soft wares viz.
 - G.M.S. 6
 - W.M.S 8
 - LINGO 10
 - ANSYS
 - STAAD
 - SAP
 - Auto Plotter+

- Auto Civil

Development

- Pre preparation (Documentation) required for accreditation
- Applying for Introducing the B.Tech courses of Indra Gandhi National Open University.
 - B.Tech Civil Construction Management (BTCM)
 - B.Tech Civil Water Resources Engg. (BTWRE)

Placement

- Global Position
 - Civil Engineering has developed to leaps and bounds in recent times. The prospects and bright for civil engineers in years to come in view of the Globalization and Liberalization of our national economy. This has opened the doors for foreign investment in infrastructural development of our country, simultaneously throwing the challenges to our people to compete with the multinationals.
 - Construction employs 31 million persons accounts for 21% of the GDP & almost 40% of the plan expenditure. In tenth five years plan (2002-2007) the planning commission incorporated first time a chapter on construction allocating a total investment of Rs. Forty Lakh Crore. With construction sector alone accounting for nearly 40 to 50% of plan expenditure this works out Rs. Forty Lakh Crore every year.

Steps to be taken

- Improving Interaction with Industries
 - L& T
 - Construction industry Development Council, New Delhi
 - Indian Society for Trench less Technology, New Delhi
 - National Academy of Construction established by Govt. of A.P.
- Arranging expert lecturer / workshops of the eminent persons from industries mentioned above and from Govt. Departments.

Quality Improvement Programme

- Sending maximum possible faculty for participating in STTP – Short term training programmes Organized by IITS and other National Institute.
- Promoting faculties for persuing higher education.

2008-2009

Consultancy

Approaching the target groups for consultancy / testing in

1. Soil Mechanics
2. Material testing
3. Environmental Engineering in collaboration with Chemical Engg. Deptt.
4. Surveying

5. Irrigation by using soft wares.

Research Activities

- Improving participation of the faculty in National / international conferences.
- Organising project contest for students of B.E. final yr. at National level.
- Improving facilities in Computer Laboratory by purchasing soft ware's SMS 9.0

Placement

- Establishing Alumina Cell to support placement of Civil Engg. Students.
- Improving interaction with the industries by arranging expert lectures and by sending students for training..

Development

- Preparation for Accreditation
- Introducing the B.Tech courses of Indra Gandhi National Open University.
 - B.Tech Civil Construction Management (BTCM)
 - B.Tech Civil Water Resources Engg. (BTWRE)

QIP

Organising faculty development programme at National Level on “Evolutionary Algorithms & Soft wares used in Civil Engg.”

2009-2010

Consultancy

- Improving the activities mentioned earlier
- Establishing Civil Engg. Technology Development Centre approved by HUDCO.
The main objectives of the Building centre will be
 - Development & demonstration of low cost housing materials & technologies
 - Execution of typical projects using low cost housing techniques.
 - Commercial manufacture of low cost components.
 - Training of Engineers, Entrepreneurs, Builders in application of low xost housing
 - Dissemation of information on low cost housing materials, innovative and cost effective construction techniques to the user agencies.

Research Activities

- Improving the faculty participation in National / International Conferences / Seminars.
- Organising National paper presentation contest for the students / Researches in Civil Engg.

Development

- Planning for Accreditation on war footing
- Applying for BE part time degree. Course in Civil Engg. of RGPV for the persons employed or engaged in business.

Placement

- Strengthening of all the activities taken in previous year.

QIP

- Organising workshop on Soil & Highway Material testing sponsored by AICTE.
- Sending faculties to participate in STTP Organized by IIT / ISC Banglore etc.

2010-2011

Consultancy

As similar with more energy as in previous years.

Research Activities

Organize International conference on “Optimization Techniques used in Civil Engg.”

Development

- Applying for accreditation BE civil engg
- Applying for increase in intake i.e 60 to 120
- Preparation for introducing PG in civil engg

QIP

Organising faculty development programme in Water Power & Environment.

2011-2012

Consultancy

As similar with more energy as in previous years.

Research Activities

Organize National Seminar on Emerging Technologies in Civil Engg.

Development

- Applying PG course in Civil Engg. in any two of following areas :
 1. Earth Quake Engg.
 2. Structures
 3. Water resources
 4. Transportation
 5. Remote sensing
 6. Soil Mechanics

- Enrich the existing facilities in Department
- Planning for the department to be identified as a centre for Quality improvement programme by AICTE New Delhi for Ph.D. in Civil Engg.

QIP

Organizing faculty development programme in Construction Management.

After 5 years

- CED will run
- BE in Civil Engg.
- BE part time degree course
- ME Civil Engg. at least 2 disciplines
- Identified as a Centre for QIP for Ph.D. in Civil Engg.
- Premier institute for consultancy.