

# DEPARTMENT OF ENERGY AND ENVIRONMENTAL SCIENCE

## CARRIER OPPURTUNITE IN ENVIRONMENTAL SCIENCE

**Scientific Positions** : CPCB (Central Pollution Control Board), SPCB (State Pollution Control Board), CSIR (Council of Scientific and Industrial Research), ICAR (Indian Council of Agriculture Research), ICMR (Indian Council of Medical Research), WWF (World Wildlife Fund), UNESCO (United Nations Educational, Scientific and Cultural Organization), GEF (Global Environmental Fund), UNEP (United Nations Environment Programme), CSE (Centre for Science and Environment), NEERI (National Environmental Engineering Research Institute), IMD (Indian Meteorological Department), SAC (Space Application Centre), NIO (National Institute of Oceanography), BARC (Bhabha Atomic Research Centre), ISRO (Indian Space Research Organization), BHEL (Bharat Heavy Electrical Limited), NABARD (National Bank for Agricultural and Rural Development), DRDO (Defence Research and Development Organization), ASRB (Agricultural Scientists Recruitment Board), ICFRE (Indian Council Forestry Research and Education), ATREE (Ashoka Trust for Research in Ecology and the Environment), CEE (Centre for Environment Education), MNSRRF (MS Swaminathan Research Foundation) etc.

**Teaching:** Asst. Prof. /Lecturer in university, Engineering colleges, Science colleges, Arts colleges, even at school level (at National and International level CBSE/ICSE boards).

**Industrial and Corporate Sector:** as EHS, Environmental Engineers, Environmental Journalist, Environmental Lawyers, Environmental Educator, Environmental Analyst, Environmental Manager, Environmental Officer, Environmental Consultants etc.

**National Fellowship:** U.G.C., I.C.M.R., C.S.I.R., I.C.A.R., D.S.T., D.B.T., M.o.E.F. along with state scholarships such as H.C.S.T., U.P.C.S.T. etc.

**Foreign Fellowship:** DAAD (German Fellowship), Commonwealth-Canada, UK, Belgium, JSPS (Japanese Fellowship), FULLBRIGHT (American Fellowship), FORD Foundation etc.

## ABOUT DEPARTMENT

The Department of Energy and Environmental Science (EES), Chaudhary Devi Lal University is among first departments of the university established in 2003. The Department of Energy and Environmental Sciences (EES) is an important, interdisciplinary faculty in the University which aims at developing as a Centre of Excellence on issues pertaining to the relevant spheres supporting sustainable development of the country and emphasizing on improved Environmental Management and better health through imparting postgraduate education and research on various issues related to the Environmental Sciences. The vision, mission and objectives of the department are to strive for excellence, to achieve sustainable development, to impart training for capacity building, to tackle various environmental challenges in an ecofriendly manner, to offer professional and job oriented course curricula, to strengthen R&D activities and to offer consultancy and extension activities. The department is having well experienced faculty members trained in International Laboratories of repute field of specialization. The faculty members are engaged in extensive research in the frontier areas of Environmental Sciences, with an aim to promote Lab to field approach.

## FACULTY

Chairperson, Dr. SK Gahlawat, Professor, M.Sc., Ph.D (KUK)

Dr. Rani Devi, Assistant Professor, M.Sc., M.Tech., Ph.D. (IIT, Delhi), UGC-NET, ASRB-NET.

Dr. Anju, Assistant Professor, M.Sc., M.Phil., Ph.D. (JNU, Delhi), UGC-JRF, CSIR-NET, ASRB-NET

Dr. M.K. Kidwai, Assistant Professor, M.Sc., Ph.D. (NBRI, Lucknow), UGC-NET, ICAR-NET

Pawan Kumar Rose, Teaching Associate, M.Sc., M.Tech., DIS, UGC-NET (Twice), GATE

Savita Verma, Teaching Associate, M.Sc., M.Tech.

## COURSES OFFERED

Admission through entrance examination and all science graduates are eligible. Application Forms will be available from June 2011.

M.Sc. - 40 seats      M.Phil. -10 seats (Self Finance)

Ph.D. - 24 Seats      M.Tech. - proposed

## INFRASTRUCTURE

### Laboratory facilities

Well equipped laboratory having UV-VIS spectrophotometer, Refrigerated High Speed cooling Centrifuge (Microprocessor based), BOD Incubators, BOD Incubator, Ovens, Laminar Flow, Digital Colony Counter, Autoclave, Growth Chamber, COD Digestion unit, Sound level meters, Muffle furnace, Flame photometer, Portable Water testing kit, Solarimeter, Kjeldhal Distillation and Digestion unit etc.

Department has its own well equipped class rooms along with a computer lab having internet facility.

### Research Facilities

Many students using the facilities of department for their Ph.D./M.Phil/ M.Sc. research on topic like Green-building, wastewater treatment, pesticide management, climate change, renewable energy, Solid waste management, Limnology, Biopesticide, Organic farming, Carbon footprinting, Biofertilizers, Bioremediation, Biofuel etc.

The Department has rich collection of Textbooks and Reference books in the Central library.

## STUDENT ACHIEVEMENTS

The department has an innovative, dynamic and competitive course curriculum due to which several students of the department have qualified prestigious National examinations such as **UGC-JRF, UGC-NET, ASRB-NET, GATE.**

## STUDENTS PLACEMENT

### Teaching Positions

Ms. Anita Dalal (Bahal), Ms. Anita (DCRUSTM University), Ms. Manju (KUK), Ms. Savita (CDLU), Mr. Mukesh (Engg. College), Mr. Kulbeer (Engg. College), Mr. Siddharth (Engg. College), Ms. Sheetal (Mgt. College, Pune), Ms. Savita (Engg. College, Fatehabad), Ms. Sonia (CDLU), Ms. Reena, Ms. Ritu, Mr. Ankush etc.

### Industry/Corporate Positions

Mr. Vikram (Panceabiotech), Mr. Dharmber (ITLCH, Patiala), Mr. Surender (NGO), Mr. Ashish (NGO), Mr. Sanjeev (Self NGO), Mr. Ashok (NGO), Mr. Pradeep (NGO), Mr. Sanjay (DORA) etc.

### Scientific Position

Mr. Suresh (ISRO), Ms. Pushpa (HTH, Panipat) etc.

### Research

Ms. Divya (Ph.D, France), Mr. Choturam (Ph.D, IIT, Roorkee), Ms. Poonam (Project, BARC), Ms. Manisha (Project, CSSRI ), Ms. Promila (Ph.D, CDLU), Ms. Rinky (Ph.D, CDLU), Mr. Alok Saran (Ph.D, CDLU), Ms. Jyoti Mehta (Ph.D, GJU), Ms. Kulvinder (Ph.D., GJU) Ms. Shalu (Ph.D. GJU) etc.

## CONTACT

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