

DAE-ICT Centre for Chemical Engineering Education and Research

Research Fellowships for Multidisciplinary Ph.D. (Tech.) Degree in Chemical Engineering

The Department of Atomic Energy (DAE), Government of India and Institute of Chemical Technology (ICT), a Deemed University under Section 3 of UGC ACT 1956, have jointly started the DAE-ICT Centre for Chemical Engineering Education and Research at ICT for meeting the demands of trained technical man power and to promote innovation in the country in energy generation and optimization. The Centre provides a unique opportunity to post-graduates with multidisciplinary background in basic sciences such as chemistry, physics, mathematics and in engineering sciences, chemical engineering and mechanical engineering to work in a flexible and innovative Ph.D. programme relevant to DAE. The ICT's strong multidisciplinary research programmes have created an excellent learning environment that places emphasis on synergizing knowledge from all sciences. The DAE-ICT Centre provides access to the state-of-the-art laboratories for research in cutting edge technologies.

Under the Centre, ICT admits students for the multidisciplinary and flexible Ph.D. (Tech.) programme in Chemical Engineering with fellowship as per the DAE guidelines. About 25 Junior/Senior Research fellowships are available this year for promising candidates with talent and aptitude for carrying advanced research and development in Science and Technology. The candidates with first class Master's Degree in Chemical Engineering/Mechanical Engineering or M.Sc. in Chemistry/Physics/Mathematics are eligible for admission to this programme. The candidates with pure science degree will have to undergo two years of intensive course work in Chemical Engineering subjects. Similarly, candidates with Mechanical Engineering degree will undergo requisite course work in Chemical Engineering subjects.

The selection of the candidates will be through a written test in the candidate's field of specialization and followed by personal interview. Selected candidates will work jointly with faculty members of the Department of Chemical Engineering at ICT and DAE scientists from all DAE establishments on specific projects.

Interested candidates can send an application with complete curriculum vitae, at least two recommendation letters and supporting information about academic, research or industrial experience to **The Director** (C/o Professor V. G. Gaikar, ICT, Nathalal Parekh Marg, Matunga, Mumbai 400 019). The envelope should be marked with DAE-ICT Centre/VGG.

The written test for the selection will be conducted in **January 2011**. The details of the test will be available on the Institute's website www.udct.org and www.ictmumbai.edu.in