

CSIR- Indian Institute of Chemical Technology (IICT)

CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad, a constituent of CSIR was established in the year 1944 is a leading research Institute in the area of chemical sciences. The core strength of IICT lies in Organic Chemistry, and it continues to excel in this field for over six decades. The research efforts during these years have resulted in the development of several innovative processes for a variety of products necessary for human welfare such as drugs, agrochemicals, food, organic intermediates, adhesives etc. More than 150 technologies developed by IICT are now in commercial production. One of the main strengths of CSIR-IICT is its rich pool of scientists and PhD students numbering over 700. To create right ambience for the young researchers to carry out research, CSIR-IICT has active collaborations with several countries including France, Germany, UK, Switzerland, Italy, Belgium, USA, Australia, Japan, Korea, etc. A recent study positions IICT at number one with respect to number of publications, cumulative impact factor, total number of patents filed. IICT is a front runner in diverse areas of research viz., organic synthesis, catalysis, lipids, chemical biology, bioenergy, materials, chemical engineering, safety, environmental engineering, etc. Bioengineering and Environmental Centre (BEEC) specializes on developing waste remediation technologies and also carries out research in the broad area of 'waste to bioenergy'. The group carries both basic and applied research on the generation biohydrogen, bioelectricity, algal-lipids and value added products like bioplastics from the waste/wastewaters making the process sustainable and eco-friendly by leaving negligible impact on the environment.

Website address:

www.iictindia.org/

