

Registration Form

Short term course on training programme for CSIR/UGC-JRF exam in Chemical Sciences

Name: -----

College: -----

Address: -----

Telephone: -----

Mobile: -----

E-mail: -----

Accommodation Required: Yes / No

Payment Details

DD No: -----

Date: -----

Rs: -----

Signature: -----

Date: -----

Signature of the
participant

Signature of the
HoD/Principal

Registration Fee Details

Participants from Academic Institutions: Rs.1200/-for students and Rs.1800 for faculties.

(DD Should be drawn in favour of **“The Director, NIT, Tiruchirappalli”** Payable at Tiruchirappalli)

Accommodation

Limited Accommodation will be arranged in the guest house /hostel of the institute upon request.

Tentative rates per day as follows:
For Guest House: **Rs. 400 per day**
Hostel Fee: **Rs. 100 per day**

Registration form completed in all aspects is to be sent to any one of the coordinators:

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September 01-05, 2017



Co-ordinators
**Dr. V.M. Biju &
Dr. S. Velmathi**

Organized by
**Department of Chemistry
National Institute of Technology
Tiruchirappalli- 620 015**

www.nitt.edu

About The Institute

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli is one of the most pioneering education institutions in the country serving to the society of five decades. It has been always striving so hard with the great enthusiasm and charm to keep itself a breast with the latest developments in science and technology that occur in and around the world, At present, ten under graduate programs are offered besides Ph.D. in all departments.

Department

Our Department has a long history of providing PG in General Chemistry and Research Program in frontier areas of chemistry and acquires excellent facilities, sophisticated equipments and well equipped laboratories. The department has been affianced in imparting the highest level and quality of academic education and has focused upon addressing key scientific problems which have gathered national level appreciation. The department has been receiving funds from various funding agencies like MHRD, CSIR, DRDO, DST etc.

Scope of the Course

Council of Scientific & Industrial Research (CSIR), India, a premier national R&D organisation, is among the world's largest publicly funded R&D organisation. CSIR's pioneering sustained contribution to Science & Technology human resource development is acclaimed nationally. Human Resource Development Group has been contributing significantly towards producing an inquiring society and fast growing knowledge economy.

The Extra Mural Research (EMR) Division under HRD Group of Council of Scientific & Industrial Research (CSIR) provide CSIR Research Fellowships and Associateships to bright young men and women for training in methods of research under the expert guidance of faculty members/ scientists working in University Departments/ Institutes of National Importance/ National Laboratories and Institutes of CSIR in various fields of Science & Technology and Medical Sciences

The CSIR Fellowships/ Associateships are tenable in Universities/ IITs/ Post-Graduate Colleges/ Government Research Establishments including those of CSIR, R&D establishments of recognized public or private sector, industrial firms and other recognized institutions. **The number of participants is restricted to about 200.**

Topics to be Covered

☞ The topics of CSIR syllabus like Chemistry of transition elements and coordination compounds – bonding theories, spectral and magnetic properties, reaction mechanisms, Chemical applications of Group Theory, Basic principles and application of Organic & Molecular Spectroscopy, Data analysis, Instrumental Methods of chemical analysis, Bioinorganic chemistry, Organic name reactions etc.

☞ Important multiple choice questions to get practiced in CSIR/UGC-JRF exams.

Who can Participate?

Faculties, research scholars and PG students in chemistry from all the academic institutions are eligible to apply.