



# राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY

वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् | Council of Scientific and Industrial Research

इंडस्ट्रियल इस्टेट पी.ओ., पाप्पनकोड, तिरुवनंतपुरम, भारत - 695 019

Industrial Estate P.O., Pappanamcode, Thiruvananthapuram, India - 695 019

**Dr. K. V. Radhakrishnan**  
Senior Scientist, Organic Chemistry Section

21<sup>st</sup> December 2012

CSIR has launched Chemistry Outreach Program to create an Open Chemical Library mainly to encourage M.Sc. as well as Ph.D. students at universities/institutes across the length and breadth of the country to carry out research in the area of medicinal chemistry and drug discovery against various infectious diseases like TB and malaria. The program provides a prominent niche for MSc students of Chemistry, by which the students get ample exposure to advanced research environment during their Dissertation work. In Kerala, CSIR- NIIST Trivandrum is the coordinating the Program. The idea is that, those students selected for the outreach program will be given training in CSIR-NIIST and they will be given guidance to do their dissertation work using the advanced laboratory facilities of NIIST. Students get the know how to carry out the modern synthetic reactions that they study in their PG courses and can thus pursue their career in research.

Each student has to make a few compounds; learn their purification by chromatography and characterization by NMR, mass spectra, etc. The synthesized samples are to be submitted to OSDD. The selected students will be given training and other support for their dissertation work at NIIST. CSIR has also expressed its willingness to fund the purchase of chemicals, glassware and other minor equipments for each college coming forward to participate in this program. You are requested to go through the web page for OSDD (<http://www.osdd.net/>) for details about the program.

As a continuation of the Open Source Drug Discovery (OSDD) program in 2012, it is planned to invite application from MSc students who are doing their final year MSc in Chemistry (2013) for doing their outreach project as part of OSDD. Academy of chemistry teachers of Kerala (ACT) has agreed to co-ordinate with different colleges for the same.

Heads of the Department of Chemistry of affiliated colleges of Kerala are requested to nominate meritorious and interested Final year M.Sc. Students for the program to send their filled in application forms to Dr. I. G. Shibi, General Secretary, ACT(SN College, Chempazhanthy) on or before Jan 17<sup>th</sup> 2013 along with the attached certificate and the filled in registration forms.

डॉ. के. वी. राधाकृष्णन  
Dr. K. V. RADHAKRISHNAN



वैज्ञानिक / Scientist  
रसायन विज्ञान तथा प्रौद्योगिकी प्रभाग  
Chemical Sciences & Technology Division  
राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान  
National Institute for Interdisciplinary  
Science & Technology, CSIR  
तिरुवनंतपुरम / Thiruvananthapuram-695 019