



राष्ट्रीय भौतिक प्रयोगशाला  
(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद्)  
**NATIONAL PHYSICAL LABORATORY**

(Council of Scientific & Industrial Research)

डा. के. एस. कृष्णन मार्ग, नई दिल्ली-110012

Dr. K. S. Krishnan Road, New Delhi-110012 (INDIA)



NPL/CGXA/CAP/Rjy

Dt. 19-9-2011

Dr.K. Ramachandra Rao  
Research Director,  
Crystal Growth and Nanoscience Research Centre  
Government College(A)  
Rajahmundry, Andhra Pradesh 533105

**Sub:** Collaborative Academic Research between NPL, N. Delhi and Phys. Dept., Govt. College, Rjy.

Dear Dr. Rao,

I am very glad to respond positively to your proposed Collaborative Academic Research between Crystal Growth and X-ray Analysis Section, National Physical Laboratory, New Delhi and Phys. Dept, Government College (A), Rajahmundry. Indeed, the collaboration has been started when your student Mr.P.Suman Kumar, M.Sc(Physics) came to NPL and carried out summer research project successfully during the academic year 2009 and extended the same work with your collaboration and published this excellent work in the internationally reputed journal of J. Appl. Cryst. (2010). 43, 710-715. Subsequently this work was accredited by getting best paper award in the National Conference on Crystallography held last year in Jammu. The foremost pleasant and very attractive aspects for accepting your proposal, well supported by your eminent Principal Prof. G.S. Moses are: (i) the Government College (A) Rajahmundry is one of the age old Premier Educational Institutions of Andhra Pradesh, established in 1853 with Science Courses (started in the year 1930) and gave birth to the establishment of Physics Department. The Department carved a prominent place for itself in this college by producing eminent teachers and scholars by introducing PG courses with specialized subjects like electronics (started in 1971) to cater some of the needs of the state and the country and (ii) introduction of M.Phil and Ph.D programmes (in the academic year 2009-10) by the establishment of Crystal Growth and Nanoscience Research Centre with the deserved recognition received as Research Extension Centre to Andhra University.

As a part of dissemination of science and technology to all corners of the country, National Physical Laboratory, New Delhi being the National Metrology Institute of India and one of the premier research laboratory of the country, always join hands with the upcoming and enthusiastic educational institutes like your college and therefore, it gives me immense pleasure to carry out your proposed collaborative academic research work on "Growth and Characterization of semi organic Nonlinear Optical Crystals" with all possible help in expertise and mutual exchange/sharing of manpower and facilities.

I wish all the very best.

Yours sincerely,  
*G. Bhagavannarayana*  
Dr. G. Bhagavannarayana  
Scientist 'G' & Head,  
Crystal Growth and X-ray Analysis

Fax / फॅक्स : 91- 11- 45609310  
Director Office : 45609201 / 45609301  
COA's Office : 45609203  
SPO's Office : 45609326

ई-मेल : root@nplindia.org.  
E-MAIL : root@nplindia.org.  
वेबसाइट/Website : www.nplindia.org.