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Vijaya College
Bangalore

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Prof. S Subhadramma
Dr. R S Geetha

REGISTRATION FEE

Without Accommodation

Faculty Participants	₹.500/-
Faculty Presenters	₹.500/-
Student Participants	₹.200/-
Student Presenters	₹.200/-

With Accommodation in the college guest house

Faculty Participants	₹.1000/-
Faculty Presenters	₹.1000/-
Student Participants	₹.700/-
Student Presenters	₹.700/-

At discounted prices accommodation in nearby hotels available at following rates

1. **Hotel Sanman** (Without Breakfast)

Double (non – AC)	₹. 650/- per day
Double (AC)	₹. 1000/- per day

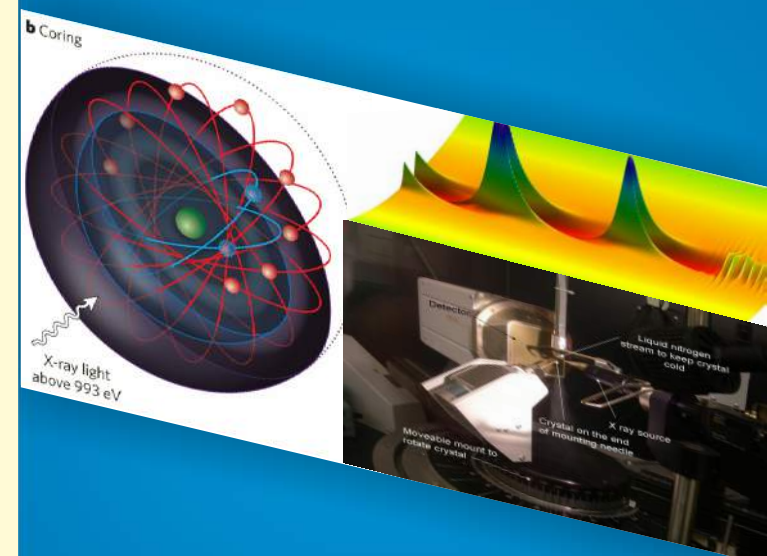
2. **Hotel Sanman Gardenia** (inclusive of Breakfast)

Club Class Single	₹. 2000/- per day
Club Class Double	₹. 2500/- per day

Registration fee must be made in the form of Demand Draft in favour of “**The Principal, Vijaya College**”, payable at Bangalore. Registration fee includes conference materials, tea and food.

UGC Sponsored National Level Conference on Atomic Physics Molecular Physics and X-ray Crystallography

8th, 9th and 10th January 2015



BHS Higher Education Society



VIJAYA COLLEGE

R V Road, Basavanagudi, Bangalore-560 004

Call for Papers
From Faculty, Researchers and Students

PREAMBLE

In 1913 Niels Bohr proposed the model of an atom which completely changed the way we understand the material world for which Bohr was awarded the Nobel Prize in 1922. This was also the year that laid a strong foundation for the theoretical spectroscopy.

The year 2013 also marks the centenary year of the pioneering work undertaken by William Henry Bragg and his son William Lawrence Bragg which opened up avenues in the discipline of X-ray crystallography and for which they were jointly awarded a Nobel prize in the year 1915. The Bragg's law provided a tool which has revolutionized our understanding of structure of matter having its impact in a diverse number of fields ranging from minerals, pharmaceutical minerals, DNA structure, protein structure, structure of viruses, human genome and so on. The discovery of Bragg's law marks the birth of crystallography. The year 2014 is celebrated as the International Year of Crystallography.

The main objective of the conference is to foster collaboration between the academia and research fraternity.

SCOPE

The conference aims at discussing the recent advances and future directions of the important research areas of physics, broadly covering the following.

- ▶ Atomic Physics/Spectroscopy
- ▶ Atom and Ion traps
- ▶ Lasers
- ▶ Molecular Physics/Spectroscopy
- ▶ Laser Raman Spectroscopy
- ▶ X – ray Crystallography
- ▶ Soft condensed matter
- ▶ Molecular Biophysics
- ▶ Interdisciplinary topics

IMPORTANT DEADLINES

Submission of Abstracts : 25/10/2014

Notification of acceptance : 02/11/2014

Last date for registration : 15/12/2014

PUBLICATION

Selected Papers will be published in a special section of peer reviewed journal “CURRENT SCIENCE” of Indian Academy of Sciences.

ABOUT VIJAYA COLLEGE

Vijaya College was established in 1945 by BHS Higher Education Society with the objective of achieving excellence in education with the philosophy that education is the prime contributor to the development of self, society and diverse human enterprises. The college, located in the heart of the city and spread over a sprawling area, caters to the needs of students pursuing higher education in pure sciences and commerce. The college has been accredited A grade by NAAC.

ADVISORY BOARD

Prof. K J Rao

Professor Emeritus
Solid State and Structural
Chemistry Unit
Indian Institute of Science,
Bangalore

Prof. T N Guru Row **Professor**

Solid State and Structural
Chemistry Unit
Indian Institute of Science,
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Prof. M R N Murthy **Professor**

Molecular Biophysics Unit
Indian Institute of Science
Bangalore

**Prof. Sharath
Anantha Murthy**

**Professor and
Chairperson**
Department of Physics
Bangalore University

Prof. K P Ramesh

Associate Professor
Department of Physics
Indian Institute of
Science, Bangalore

SUBMISSION OF EXTENDED ABSTRACTS

Participants for oral paper and poster presentation should submit a TWO – Page extended abstract in the following format on the topics specified in the SCOPE above.

Title of the paper, Full list of authors with address, objective of the work, abstract and results of the work done indicating the importance of the paper. The manuscript must be typed in word document or pdf format in Times Roman Font 11 size with atleast 1.5 line spacing. The abstract must be mailed to : conference@vijayacollege.ac.in

TRAVEL SUPPORT TO PARTICIPANTS

Local participants will not be provided TA/DA. Outstation participants attending the conference from a distance of 250 km or above will be provided to and fro Sleeper Class (Non-ac) train fare.

Participants attending from places between 100 km and 250 km distance will be provided bus fare.

About Bangalore

Bangalore is the IT and BT capital of India having a salubrious climate the entire year. The cool climate of the metropolis during the proposed dates of the conference is an added advantage to our visitors for sight seeing. It is the hub of a number of Research Institutes, National Institutes and a number of Higher education institutes imparting quality education in Basic Sciences, Engineering and Medicine. Places of Interest to Visit: Vidhana Soudha, Lalbagh, Cubbon Park, Bull Temple, Tippu's Summer Palace, Bannerghatta National Park, Hesarghatta Dairy Farm and Lake, Nandi Hills, Ranganthittu Bird Sanctuary, Visvesvaraiyah Museum, Planetarium, etc.

VENUE AND ADDRESS FOR CORRESPONDENCE

VIJAYA COLLEGE

R V ROAD, BASAVANAGUDI
BANGALORE – 560 004

Contact Person

Prof. V Anuradha : 9880544644
Dr. K S Suresh : 9945317926
conference@vijayacollege.ac.in

REGISTRATION FORM

NATIONAL CONFERENCE ON
**ATOMIC PHYSICS, MOLECULAR PHYSICS and
X-RAY CRYSTALLOGRAPHY**
8TH, 9TH and 10TH JANUARY 2015

NAME (in Block Letters)	
Designation	
Participating as (Tick Appropriate Box)	Faculty Presenter <input type="checkbox"/> Faculty Participant <input type="checkbox"/> Student Presenter <input type="checkbox"/> Student Participant <input type="checkbox"/>
Mailing address	
Phone Office :	
Mobile :	Email – id :
Accommodation required (Yes/No)	If Yes, tick the appropriate type College <input type="checkbox"/> Hotel Sanman <input type="checkbox"/> Hotel Sanman Gardenia <input type="checkbox"/>

Registration Fee Details

DD No. :	Dated :
Drawn on (Bank Name) :	Amount (in Rs.):
Title of the Paper	
Sub - Theme	

Date :

Signature

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National Level Conference on
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