

## Organising Committee

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Sri G. Veerabhadra Rao, President  
Sri V. Gopala Krishna Murthy, Secretary  
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### Convener

Dr. Y. Gandhi, Asst. Prof. in Physics

### Co-Conveners

Dr. A.J. Pratapa Reddy, HOD, Chemistry  
Dr. P. Rajanikanth, HOD, Physics

### Members

Sri MMVY Swamy, Asst. Prof. in Chemistry  
Sri K Narasimha Rao, Lecturer in Chemistry  
Smt V. Satya Prathima, Lecturer in Physics  
Sri N. Suresh, Lecturer in Chemistry  
Smt P. Meghana, Lecturer in Chemistry  
Sri I. Suresh Babu, Lecturer in Chemistry  
Ms. T. Usha Rani, Lecturer in Chemistry

### Address for correspondence

Dr. Y. Gandhi, Convener, PCNCM2017,  
Department of Physics, K.V.R. College,  
Nandigama – 521185, AP.  
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## Proceedings

Papers submitted for the Seminar after peer review will be published in a journal with ISSN.

## Important Dates

Submission of Abstract	21-10-2017
Submission of Full Paper	11-11-2017
Registration	25-11-2017

## Registration

Registration shall be confirmed on receipt of registration fee along with participant details:

Research Scholar/ PG Student	Rs. 200
Others	Rs. 500

## Payment

Payment shall be made through a crossed DD in favor of Y. Gandhi payable at Nandigama.

Online payment can be made to A/c No.:  
32238978244, IFSC code: SBIN0014173, SBI,  
Nandigama Town Branch.

## Accommodation

Limited accommodation shall be provided at free of cost for early registrations.

## KAKANI VENKATA RATNAM COLLEGE

Nandigama-521185, Krishna Dt., AP



UGC sponsored

## National Seminar on Physics and Chemistry of Non-Crystalline Materials

1<sup>st</sup> and 2<sup>nd</sup> December, 2017



Organized by

**Physics and Chemistry Departments**

K.V.R. College, Nandigama



In collaboration with  
**Krishna University**  
Machilipatnam

## About the College

Kakani Venkata Ratnam College started on 12 July 1968 by The Nandigama Educational Society with the noble aim of taking higher education to the up land areas of Nandigama Taluk. Nandigama, situated 50 km, away from Vijayawada on NH 65 towards Hyderabad, is a historical place with its rural surroundings. The College was admitted to grant-in-aid in the year 1973. It is presently affiliated to Krishna University, Machilipatnam.

## Physics and Chemistry Departments

Both the Departments were established with the inception of the college. The departments are having a pride possession of some heritage instruments and equipment. Physics department is maintaining observatory of Indian Meteorological Department. In addition to M.Sc. Organic Chemistry, both the departments admit students for Intermediate and UG courses with Telugu and English as medium of instruction.

## Theme of the Seminar

- Glass formation and Glass structure and Characterization
- Spectroscopic properties, including laser glasses
- Bio –active glasses
- Nonlinear Optical properties
- Electrical and dielectric properties of glass materials
- Glasses in Nuclear waste management and glasses for radiation dosimetry
- Glasses for space and defence applications

The objective of the seminar is to bring the eminent researchers working in this field to a common platform, to get the views exchanged, to get the young scientists working in the field for getting enlightened in the latest developments, to recognize the novel materials and to recommend them for technological applications.

## Call for Papers

Prospective authors should submit an abstract of research works in the topics related to the conference. (pcncm2017@gmail.com)

## Advisory Committee & Tentative Speakers

Dr. G.P. Kothiyal, BARC, Mumbai

Prof. G. Nageswara Rao, Andhra University, Visakhapatnam

Prof. N. Veeraiah, Dept. of Physics, ANU

Prof. D. Rama Sekhara Reddy, HOD, Chemistry, KRU

Prof. Michal Piasecki, JD University, Poland

Prof. C.K. Jayasankar, S.V. University, Tirupati

Prof. Y. C. Ratnakaram, S.V. University, Tirupati

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Dr. P. Raghava Rao, Dept. of Physics, KRU

Dr. N. Narasimha Rao, Dept. of Physics, KRU