

### Who Can Attend

Faculty, Scientists, Research Scholars, Students of all Physical, Chemical, Life Sciences, Medicine, Pharmacy, Engineering, Environmental and Earth Sciences.

### Submission of papers

Full length papers in MS Word, Times New Roman, 12 font and single space having single inch margin on all sides should be submitted before **December 12<sup>th</sup> of 2015** in electronic form only as email attachment to

**physicsnationalseminar@gmail.com**

Acceptance will be communicated to the authors through email by December 13<sup>th</sup> of 2015.

**WE STRICTLY FOLLOW ANTI-PLAGIARISM RULES**

PROCEEDINGS OF THE SEMINAR WILL BE PUBLISHED IN THE SPECIAL EDITION OF **Journal of Chemical and Pharmaceutical Sciences (ISSN: 0974-2115) (Online & Print)**

### **Registration Fee:**

**Faculty & Others: Rs. 300/-**  
**Scholars & Students: Rs. 200/-**  
**Mode of Payment Cash /D.D**

Accommodation will be arranged for out Station Participants. T.A will be paid to the selected paper presenter from a distance of more than 250 km according to the availability of funds.

For Further Details:

Contact: **Sk. Md Nayeem**

Organising Secretary: 9866374987

**Dr. P. Indira., Sri. D. Sampurna Rao**

Co-conveners: 9959144807/9949983240

### Registration Form

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Address for Communication: \_\_\_\_\_

Mobile No. : \_\_\_\_\_

e-mail ID: \_\_\_\_\_

Mode of Payment: Cash / D.D. In favour of  
**“ The Prinicipal, KRK GDC, Addanki ”**

Date : \_\_\_\_\_ D.D.No. : \_\_\_\_\_

Bank : \_\_\_\_\_

Signature

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Programme Advisor : **Prof. D. Krishna Rao,**  
Dept. of Physics,  
Acharya Nagarjuna University

**KRK GOVERNMENT DEGREE COLLEGE,  
ADDANKI, Prakasam (Dt).**



**NATIONAL SEMINAR ON  
“RECENT TRENDS IN  
APPLIED PHYSICS”**

**On 16<sup>th</sup> & 17<sup>th</sup> December, 2015**

**Organised by  
DEPARTMENT OF PHYSICS**

Sponsored by



UGC-SERO, Hyderabad

### About the College

The College was established in 1984. It is located 4 km away from Addanki town and very near to Singarakonda which is a famous pilgrim center. The Campus is spread over 21 acres. The College is offering B.A, B.Com and B.Sc (M.P.C., M.P.Cs & C.B.Z courses at under graduate level, M.A(Telugu) and M.Com courses at Post Graduation level with a total student strength of 550. The College is providing educational opportunities to the students of 40 surrounding villages. The College is reaccredited at 'B' level by NAAC in September 2013.

### About Addanki Town

The 'Addanki' inscription of ninth century (of 848 AD) is a most-cherished possession of Telugu people throwing light on Andhra history and culture. The inscription was excavated near Thousand Pillar Temple of Addanki, stands as a testimony to flourishing Telugu literature much before the available literary texts. The inscription, a memorable record of achievements of Pandaranga, an army general of Vengi rulers, is also very important from the point of Telugu literature as it provides proof of the existence of Telugu poetry in the middle of ninth century itself, much before Nannaya's Mahabharatham written in the 11th century A.D. Locals believe that this is the first poem ever written in Telugu. Starting with the Boya campaign, Pandaranga got victories in all military campaigns of his master Gunaga Vijayaditya III. The inscription spoke about the donation of land by the king to him for his successful military achievements. A noted scholar-poet of those times had translated Sanskrit poems into Telugu. Addanki was the first capital of Reddy kingdom.

### Singarakonda Temple

Singarakonda is a spiritual spot and pilgrim center located about 5 km North of Addanki in the Prakasam district, Andhra Pradesh in India.

Singarakonda is famous for two reasons. One of the reasons is that Lord Prasannanjaneya is located on the bank of Bhavanasi lake at the bottom of the hill Singarakonda and the second reason is that Sri Lakshminarasimha Swamy temple is located on the hilltop. This temple is said to have been built in 14th Century A.D as per the available literature. It was built and developed by King Sri Krishna Deva Rayalu.

Singarakonda is located 40km away from Ongole city. It is 300 km from Hyderabad, 120 km from Vijayawada and 5 km from Addanki. Frequent transport facility is available from Addanki to Singarakonda. The nearest Airport is Vijayawada. Nearest Railway station is Ongole. All the express trains and passenger trains going from Hyderabad & Vijayawada to Chennai and Tirupathi stop at Ongole.

### About the Seminar

In this seminar, we are trying to inculcate zeal in research among graduate and post graduate students of Physics and allied branches. The experts of various fields of Applied Physics research from all over the country are invited to give their inspiring presentations. The national seminar aims to give exposure to the students, research scholars and faculty members towards the recent and emerging developments in Applied Physics. The knowledge of recent trends in Applied Physics will develop curiosity in the delegates of various branches of Physics. It facilitates the exchange of ideas and knowledge. The benefits of the seminar will not be confined only to the elite but taken to the society for its betterment.

### Department of Physics

The Department of Physics has dedicated faculty with well-equipped labs to serve the students more effectively. The Department has a research lab with equipment like Rota vapor, UV-Visible Spectrophotometer, Muffle furnace, Distilled water plant, ultrasonic velocity, water bath, high precision weighing machine etc. At present the Department is carrying out two UGC sponsored Research Projects. Many of our students got Post Graduate admissions in Physics in various University Campuses.

### INVITED LECTURES

**Prof. D. Krishna Rao,**

Dept. of Physics, Acharya Nagarjuna University. Guntur.

**Prof. N. Veeraiah,**

Dept. of Physics, Acharya Nagarjuna University. Guntur.

**Prof. M. Piasecki,**

Dept. Of Physics,  
J. Dlugosz Univesity, Czestochowa, Poland.

**Prof. K. Samatha,**

Dept. Of Physics, Andhra University, Visakhapatnam

**Prof. N. Prakash Prabhu,**

Dept. of Bio-Technology, University of Hyderabad,  
Hyderabad.

**Dr. P. Subrahmanyam Naidu,**

Associate Professor, Dept. of Physics ,  
Jawahar Bharathi PG College, Kavali.

**Dr. G. Sahaya Baskaran,**

Associate Professor, Dept. of Physics,  
Loyola College (A), Vijayawada