

**REGISTRATION FORM FOR  
WOQIS 2017  
FEBRUARY 17 – 18, 2017**

(Submit through email: woqis2017@gmail.com on or before Feb. 10, 2017)

**Name :**  
**Designation :**  
**Organisation :**  
**Address :**  
**Mobile/Phone:**  
**e-mail :**

**Signature**

**To**

**Dr. S.V.M. Satyanarayana**

Department of Physics

Pondicherry University, Puducherry - 605 014

e-mail: woqis2017@gmail.com

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**CHIEF PATRON**

**Prof. (Mrs.) Anisa Basheer Khan**

Vice-Chancellor (officiating)

Pondicherry University

**COORDINATORS**

**Prof. Ramaswamy MURUGAN**

**Dr. S.V.M. Satyanarayana**

**ORGANIZING COMMITTEE**

Prof. G Govindaraj (Dean, SPCAS)

Prof. N Satyanarayana

Prof. K Porsezian

Prof. G Chandrasekaran

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Dr. Gangineni Ramesh Babu

Dr. D. Bharathi Mohan

Dr. K.V.P. Lata

**WORKSHOP  
ON  
QUANTUM INFORMATION SCIENCE**

**(WOQIS-2017)  
FEBRUARY 17 – 18, 2017**



*Sponsored by  
UGC-SAP*



**DEPARTMENT OF PHYSICS  
PONDICHERY UNIVERSITY  
PUDUCHERRY – 605 014  
(<http://www.pondiuni.edu.in>)**

## Mode of Conduct of the workshop

In total there will be six invited lectures at a pedagogical level in two days. On both days, we would have tutorials to train participants on problem solving in quantum information science. Invited lectures cover introduction to quantum information science, open quantum systems, decoherence, quantum cryptography, cavity quantum electrodynamics, quantum information processing using entangled photons.

## List of Invited Speakers

1. *Prof. Arul Lakshminarayan, IIT Madras, Chennai*
2. *Prof. Karol Zyczkowski, Jagiellonian University, Cracow, Poland*
3. *Prof. Sibasish Ghosh, IISc, Chennai*
4. *Dr. G Raghavan, IGCAR, Kalpakkam*
5. *Prof. Prabha Mandayam, IIT Madras, Chennai*
6. *Dr. S. Sivakumar, IGCAR, Kalpakkam*

## ABOUT THE DEPARTMENT

The Department of Physics came into existence in June 1987. The department offers five year integrated M.Sc programme, two year M.Sc programme (with specialization in Lasers, Condensed Matter Physics, Electronics and Astrophysics), M.Phil. and Ph.D. programmes. Faculty members of the department carry out research in frontier areas of Physics. The department has been recognized for special funding by DST-FIST and UGC – SAP DRS II. The faculty members are involved actively in research areas viz. material science: solid state ionics, magnetic, dielectric, electronic, photonic, multiferroics, spintronics, and nano- materials and transport studies, Lasers: non-linear dynamics, fiber optics, non-linear optics and semiconductor lasers; computational physics, biophysics, statistical mechanics, plasma physics, atomic physics, quantum field theory, quantum information science, ion-beam and acoustic physics.

## ABOUT PUDUCHERRY

The coastal town of Puducherry with a French ambience is known for its serene atmosphere. Legend associates ancient Puducherry with great Hindu sage Agastya. Sri Aurobindo Ashram and the nearby Auroville International Township lend a unique spiritual flavour to the city. The city nurtured two great Tamil revolutionary poets, Sri Subramani Bharathi and Sri Bharatidasan. The climate is tropical (between 18° C and 38° C) with two monsoons, having fairly heavy rainfall in November and very moderate rainfall in July. Puducherry is 160 km south of Chennai and is well connected by bus through East Coast Road (ECR). The frequency of bus service from Chennai to Puducherry is high (every 20 min.) and hence the preferred mode of transport. Rail connections are available via Villupuram (Chennai – Villupuram – Puducherry).

## REGISTRATION

The interested faculty members and research scholars are requested to complete the enclosed registration form and send it to the organisers **on or before 10.02.2017 through email : woqis2017@gmail.com. There is no registration fee for the participants.**

*The selected participants will be intimated through email on 12.02.2017. The selected participants are advised to make self arrangements for their accommodation. No Travelling allowance and dearness allowance will be paid for participants. Working lunch will be provided by the organisers.*