

### **ABOUT THE SCIENCE ACADEMY**

The Indian Academy of Sciences, found by Professor C.V. Raman, Nobel Laureate was registered as a society in 1934 with the aim of promoting the progress and upholding the cause of science, in both pure and applied branches. It strives to meet its objectives through promotion of original research and dissemination of scientific knowledge to the community via meetings, discussions, seminars, symposia and publications. Indian Academy of Sciences is now an autonomous institution under the Department of Science and Technology (DST) of the Government of India. It is fully funded by DST.

The Indian Academy of Sciences endeavours by all means at its disposal to promote the progress and uphold the cause of science, both in pure and applied branches. The Academy has laid the responsibility on all its Fellows, individually and collectively, of promoting original research and of disseminating scientific knowledge to the community, through its activities of organizing meetings, discussions, seminars, symposia and publications. The Academy recognizes the special relationship of scientific creative activity with the process of education and holds that the course of discovery includes the identification and nurturing of scientific talent amongst the young. Aware of the fundamental contributions science and technology can and must make to national regeneration, the Academy upholds that the principle of social responsibility for all scientific effort, individual or corporate, is entirely consistent with individual freedom and that the quest for knowledge and truth cannot be reconciled with any dogma.

### **ABOUT THE COLLEGE**

The college was established in the year 2001 by Col.Dr.JEPPIAAR, M.A.,B.L.,Ph.D., the Founder and Chairman of the Jeppiaar Educational Trust. His passion for education inspired him to establish such a colossal educational empire to cater the aspirations of learners and intellectuals of the society. The college provides UG programmes in the discipline of CSE, ECE, EEE, IT, MECHANICAL and CIVIL engineering. The college has its ever successful vision of upbringing the institution as a well reputed organization with academic excellence.

The Institution helps the student community to enhance their technical expertise and expose their talents. The aim is to enable them to meet the diverse needs and challenges of the Society, the Nation and the World at large.

### **ABOUT THE DEPARTMENT**

The Department of ECE was started with a sanctioned intake of 45 students in 2001 which was increased to 120 students in 2008. The Department has highly qualified teaching and non teaching staff members. The staff members in the department have sound knowledge of the technical subjects and play a vital role in guiding students for their bright future. The staff members have memberships in various national and international professional bodies. The students are also encouraged to involve in various co-curricular and extra-curricular activities apart from their regular academic activities. IETE students forum has been formed in the department and all the students have membership in IETE.

### **ABOUT THE LECTURE WORKSHOP**

Short-duration Lecture Workshops form an important segment of the activities under the Science Academies' Programmes organized by the Joint Science Education Panel of the three Science Academies. This Workshop is so designed, as to have useful relevance to the research activities. Some of the topics include :

- Wireless Communication & Importance
- IoT access in 4G advanced & beyond
- 5G Technology – R&D aspects
- MIMO & Massive MIMO
- Wireless Sensor Networks & Applications
- Wireless Network Security - Challenges
- Slicing of Networks
- Antennas & Wireless communication
- MAC protocol for power saving

Eminent professionals from IIT, IIIT, CEWIT and other renowned institutions will deliver the lectures.

## **SCIENCE ACADEMIES' LECTURE WORKSHOP**

**On**  
**Recent Advances in**  
**Wireless Communication**  
**&**  
**Network Security**

*Sponsored by*



**INDIAN ACADEMY OF SCIENCES**

**15<sup>th</sup> – 17<sup>th</sup> March, 2018**

**Convenor**

**Prof. M. V. PITKE**

*Fellow of the Indian Academy of Sciences*

**Co-ordinator**

**Mr. K.H. SHAKTHI MURUGAN**

*Assistant Professor, ECE*

*Organized by*



**DEPARTMENT OF ECE**

**JEPPIAAR MAAMALLAN  
ENGINEERING COLLEGE**

**Sriperumpudur - 602108**

**REGISTRATION FORM**

**Science Academies' Lecture Workshop**  
**On**  
**Recent Advances In Wireless**  
**Communication & Network Security**  
  
**15<sup>th</sup> – 17<sup>th</sup> March, 2018**

**Name** : .....  
**Department** : .....  
**Category** : Student/Research Scholar/Academician  
**Qualification** : .....  
**Experience (or) Year of Study** : .....  
**Gender** : Male / Female  
**Institution** :  
.....  
.....  
**Address** :  
.....  
.....  
.....  
.....  
**E-Mail** : .....  
**Mobile No** : .....

**DECLARATION**

I hereby declare that the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations of the program.

Date: Signature of the Candidate

**BONAFIDE CERTIFICATE**

Dr./Mr./Ms.....  
is an employee / student of our institution and is hereby permitted to participate in the Science Academies' Lecture Workshop on Recent Advances In Wireless Communication & Network Security dated 15<sup>th</sup> – 17<sup>th</sup> March, 2018. If selected, he / she will attend the program on all three days.

Place:  
Date:

**Signature**  
(Sponsoring Authority with seal)

**ELIGIBILITY**

Students, Research Scholars and Academicians from engineering colleges in and around Chennai only are eligible to attend the lecture workshop. The number of participants are limited and selection is on first come, first serve basis only.

**REGISTRATION**

The registration is **FREE** for all. Participants are asked to fill the registration form and participation will be confirmed only after receiving the duly signed registration form by the sponsoring authority. Scanned copy of the filled registration form can also be sent through email.

Formal certificates will not be issued to participants. A letter of attendance signed by the co-ordinator will be issued to those who insist on it.

**IMPORTANT DATES**

Last Date for Registration : 08-03-2018  
Selection Intimation : 10-03-2018

**ADDRESS FOR COMMUNICATION**

Mr. K.H. Shakthi Murugan,  
Assistant Professor / ECE  
Jeppiaar Maamallan Engineering College,  
Jeppiaar Maamallan Nagar,  
Vadamangalam, Sriperumpudur – 602108

Email id: shakthimuruganece@gmail.com  
Mobile : 9500700332 / 9655420733  
Web : www.jeppiaarmaamallan.in

**NOTE**

Participants may avail the college bus facility plying in and around Chennai. For bus routes, kindly check the college website.