

## Representative topics

- Computer Interfaced Physics Experiments.
- Pedagogy of Physical Science.
- Modelling tool for Physics Education.
- Hands on training using expEYES.
- Session on fabrication of thin film Solar cell.
- Session on Characterization of Solar cell.
- Energy Harvesting-Supercapacitors.
- Computational Physics-Molecular Dynamics.

## Registration Fee

Industry Person: Rs. 3000/- + Tax @ 18%

Faculty : Rs.1,000/- + Tax @ 18%

Student: Rs. 500/- +Tax @ 18%

Registration fee does not include accommodation charges.

Demand Draft may be sent in favour of "Principal, RVCE" payable at Bengaluru.

Last Date for registration: 15-10-2018

## Address for Correspondence

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Dr. S. Shubha, Asst.Professor

Dept. of Physics, RVCE

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## R V College of Engineering

(Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi)  
Bengaluru-560059



Open Lecture Series

on

**"ICT Enabled Physics Experiments and  
Training on Thin Film Solar Cells"**

Sponsored by

**Karnataka State Science and Technology Academy  
(KSTA)**

and

**CoE- Macroelectronics, RVCE**

**22-27, October 2018**



Organized by

**Department of Physics  
R.V. College of Engineering  
Bengaluru - 560 059**

KSTA Sponsored

Open Lecture Series  
on

## "ICT Enabled Physics Experiments and Training on Thin Film Solar Cells"

22-27, October 2018

### Registration Form

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

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

Industry/Research/Faculty: \_\_\_\_\_

Organization: \_\_\_\_\_

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

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

Gender:  M /  F

Category:  GM /  OBC /  SC /  ST

Whether accommodation is required  Y /  N

### Registration Fee Details

DD No./Date: \_\_\_\_\_

Amount: \_\_\_\_\_

Name of the Bank/Branch: \_\_\_\_\_  
\_\_\_\_\_

Place: \_\_\_\_\_ Date: \_\_\_\_\_

Applicant Signature

Signature of the Head of Institution

(Please feel free to photocopy if more than one participant is registering)

### About the Institution

R.V. College of Engineering (RVCE) established in 1963 is one of the earliest self-financing engineering colleges in the country. The institution is run by Rashtreeya Sikshana Samithi Trust (RSST) a non-profit Trust. RVCE is an Autonomous college. Currently, the institution offers 12 Bachelor, 19 Master Programs and all the departments have research centres, affiliated to Visvesvaraya Technological University (VTU) Belagavi. Current annual student intake for Undergraduate, Post Graduate and Research Programmes in Engineering is in excess of 1500. Qualified and dedicated faculty motivate the students to achieve high academic proficiency.

The institution has won several awards and achievements viz. ranked 58<sup>th</sup> in the Country by National Institutional Ranking Framework (NIRF)-2017-18, "Engineering College of the Year-2017" by the Higher Education Review Magazine, ranked 7<sup>th</sup> among the top 75 Engineering Institutes (Research Capability) by The Week Magazine (May 2018). Ranked 9<sup>th</sup> among the top 10 of 100 private engineering colleges in the Country by Education World Magazine (April 2018), ranked 38<sup>th</sup> in the Country and ranked 7<sup>th</sup> among top 147 Pvt. Engineering Colleges by The Week Magazine (June 2018). The institution has filed 38 Patents since last 5 years, of which 25 Patents have been published in the official Gazette of the Indian Patent Office.

### About CoE-Macroelectronics

RVCE is among the 30 colleges in the country which has been granted Center of Excellence (CoE) in Macroelectronics under TEQIP, under which an Interdisciplinary research center (IDRC) is setup. Thin film fabrication and characterization facilities are available in the centre. Faculty from Engineering and Science departments are carrying out thin film based research in the areas such as solar cells, sensors, transistors etc., in this center.

### About the KSTA

Karnataka Science and Technology Academy (KSTA) is an autonomous organization under the DST, GOK, KSTA has been carrying out a number of programmes to encourage students pursuing studies at different levels in an educational pyramid as well as popularization of science among general public.

### About the Department

The Department of Physics has been facilitating undergraduate engineering programmes and research activities. The department is offering Thin Film and Surface engineering as global elective for higher semester students. The faculties are carrying out research in the field of thin films, polymers, radiation physics, condensed matter and computational Physics.

### Objectives of the Programme

Participants will be exposed to open source hardware and software frame work for simulating Physics experiments using ICT and will gain hands on experience in Thin Film Solar Cell fabrication and characterization techniques.