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
Dr. M.K. Sudha Kamath
Associate Professor & HoD,
Department of Physics,
R V College of Engineering,
R V Vidyanikethan Post,
Bengaluru - 560 059.
email: sudhakamath@rvce.edu.in
Mob: 9480404395

Patron
Dr. M.K. Panduranga Setty, President, RSST

Advisory Committee
Dr. K.N. Subramanya, Principal, RVCE
Dr. A.M Ramesh, KSTA
Dr. M.Krishna, HOD, Mechanical Engineering
Dr. M. Uttara Kumari, Prof. E&C
Dr. M.K. Sudha Kamath, HOD, Dept of Physics
Dr. T. Bhuvaneshwara Babu, Professor Physics

Organizing Committee
Dr. D.N. Avadhani, Associate Prof. -Physics
Dr. T.K. Subramanyam, Associate Prof. -Physics
Dr. G. Shireesha, Asst.Prof-Physics
Dr. S. Shubha, Asst.Prof-Physics
Dr. Tribikram Gupta, Asst.Prof-Physics
Dr. B.M. Rajesh, Asst.Prof-Physics
Dr. P.Ramya, Asst.Prof-Physics
Dr. Karthik Shastry, Asst.Prof-Physics
Dr. Sateesh Babu Gandla, Scientific Officer, IDRC

Conveners
Dr. B.M. Rajesh, Asst.Professor
Dr. S. Shubha, Asst.Professor
Dept. of Physics, RVCE
E-mail: rajeshbm@rvce.edu.in,
shubhas@rvce.edu.in
Mobile: 9880074000, 9945486431

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

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.
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 58th in the Country by National Institutional Ranking Framework (NIRF)-2017-18, "Engineering College of the Year-2017" by the Higher Education Review Magazine, ranked 7th among the top 75 Engineering Institutes (Research Capability) by The Week Magazine (May 2018). Ranked 9th among the top 10 of 100 private engineering colleges in the Country by Education World Magazine (April 2018), ranked 38th in the Country and ranked 7th 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 framework for simulating Physics experiments using ICT and will gain hands on experience in Thin Film Solar Cell fabrication and characterization techniques.