

College

Sri G.V.G. Visalakshi College for Women is a prestigious Autonomous Institution founded in the year 1952 by the renowned Philanthropist Sri G.V.Govindasamy Naidu, an Industrialist from this part of the district. As one of the Women's College affiliated to Bharathiar University with 66 years of Academic Excellence in the Empowerment of Women, the college is funded by the Department of Science and Technology under the DST-FIST (level-0) funding and has also been identified to participate in DBT-Star College scheme for enhancing the activities of the Science Departments. The Institution is an ISO 9001:2008 Certified, with the NAAC Re-Accreditation at the 'A' Grade level. The college is continuously striving to establish the Quality Policy, "to Educate, Empower and Elevate" by implementing the concept of Outcome Based Education (OBE) from the academic year 2017-18 onwards.

Department

The Department of Physics was established as a Major Department in the year 1986 at the B.Sc Degree level and the Department has been upgraded as a PG department from the academic year 2013-'14. Every year Under Graduate students take-up National Graduate Physics Examination (NGPE) conducted at the All-India level by the Indian Association of Physics Teachers (IAPT) in the month of January. Students also attend summer courses in the Experimental Physics hosted by Institutions such as Indian Academy of Sciences, Bangalore, Homi Bhabha Centre for Science Education and Research, Mumbai etc. Post graduate students undergo Summer Internship program at the Centre of Nanoscience and Nanotechnology, Bharathiar University, Coimbatore, IGCAR-Kalpakkam, ARCI-Chennai, Tamilnadu Academy of Sciences, Gandhigram Rural Institute etc. The Department organizes Seminars, Workshops, Conferences and Intercollegiate competitions to motivate the students to update the subject knowledge and take up the research activities in the recent areas.

Programme Schedule

Registration	: 9.00 – 9.30 AM
Inaugural Function Lighting of Kuthuvilakku	: 9.30 AM : Mr. G. Raveendaran Managing Trustee & Secretary
Prayer Welcome Address	: Mrs.T.V.Banumathi Convener and Head Department of Physics
Presidential Address	: Dr.K.Punithavalli Principal
Inaugural & Keynote Address	: Dr. M. Sivaraman Professor and Head, Department of Physics Gandhigram Rural Institute Gandhigram, Dindigul
Vote of Thanks	: Dr. B.Kavitha Assistant Professor of Physics

TECHNICAL SESSIONS & HANDS-ON-TRAINING

Day 1:

11.15 am to 12.15 pm	: Basics of Energy- Renewable Energy - Solar Energy Technology - Types of solar technology
12.15 pm to 1.15 pm	: Basic Electricals - Voltage, Current,Power, Energy, Connections Basic Electronics - Resistor, Capacitors, Diodes
1.45 pm to 3.00 pm	: Solar PV Technology - Cross section of solar cell, Solar cell operations, Solar cell specifications, Solar cell Testing Conditions, Cell Manufacturing process, Types of Solar cells.
3.15 pm to 4.30 pm	: Balance of System components

Day 2:

09.30 am to 11.00 am : Types of solar System: Off Grid Solar Power plant System, On Grid Solar Power Plant System, Hybrid Solar Power plant system.

11.15 am to 12.30 pm : Off Grid Solar Power plant Designing. Load Calculation, Installed Capacity, Battery Bank capacity, PCU Capacity

1.00 pm to 4.00 pm : **Hands on Training –**
Solar off grid power plant

4.00 pm - 4.30 pm : Valedictory function

Day 3: : Industrial Visit to MAS Solar Systems,Cbe

Registration form may be downloaded from the website: www.gvgvc.ac.in

Address for communication

Mrs.T.V.Banumathi

Convener - Head, Department of Physics
Sri GVG Visalakshi College for Women, Udumalpet - 642 128.
Contact No 94860 38898, E mail id: gvgphy07@gmail.com.

Organizing Committee

Chief Patron : **Mr.G.Raveendaran**
Managing Trustee and Secretary

Chairman : **Dr. K.Punithavalli**
Principal

Convener : **Mrs. T.V.Banumathi**
Head, Department of Physics

Members

Mrs. B.Nirmala, Associate Professor	Mrs. S.Aram, Associate Professor
Dr. B.Kavitha, Assistant Professor	Dr. M.Nirmala, Assistant Professor
Mrs. N.Jayalakshmi, Assistant Professor	Ms. J.Sree Sudha, Assistant Professor
Ms. A.Priya, Assistant Professor	Ms.E.Anusya Devi, Assistant Professor
Ms.V.S.Vanathi, Assistant Professor	



WORKSHOP WITH HANDS ON TRAINING

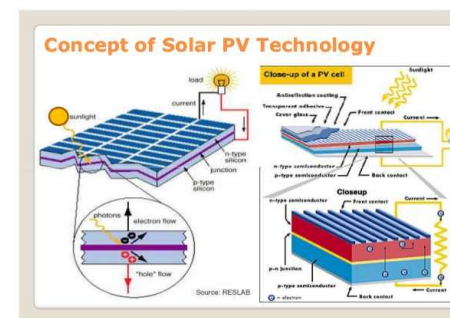
Organized by

Department of Physics

Sri G.V.G Visalakshi College for Women

Udumalpet - 642 128.

Tamilnadu



On

SOLAR PV TECHNOLOGY

Funded under DBT - Star College Scheme

6th - 8th February 2018

In collaboration with



MAS Solar Systems Private Ltd.,
Coimbatore