



Vidya Prasarak Mandal's  
**Maharshi Parshuram College of Engineering, Velneswar**  
At: Velneswar, Hedvi-Guhagar road, Taluka: Guhagar,  
Dist: Ratnagiri (Maharashtra) 415 729  
(*AICTE & DTE approved and affiliated to University of Mumbai*)

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## **CRITERION 6 – Governance, Leadership and Management**

### **Key Indicator -6.3 Faculty Empowerment Strategies**

**6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

<b>Sr.No</b>	<b>Metric. No</b>	<b>Document Details</b>	<b>Academic Year</b>
1	6.3.3	Mechatronics with emphasis on solar applications	2013-14
2		Workshop on PLD and Recent Trends	



22 July 2013

**VPM's Maharshi Parshuram College of Engineering, Velneshwar**

### **Mechatronics with emphasis on solar applications**

*Workshop 'Mechatronics with emphasis on solar applications' conducted from 12th July 2013 to 19 July 2013*

Introductory session was conducted on 12th July 2013 by Dr K.D. Desai (Director VPMMP COE Velneshwar)

#### **Following Training topics discussed with the Faculties:**

- ✓ Solar Energy
- ✓ Basics of Electronic equipments and devices
- ✓ Solar Energy applications
- ✓ Solar appliances
- ✓ Renewable energy sources

#### **A] Some of these applications included:**

1. Remote power for villages
2. Water pumping
3. Water purification
4. Vaccine refrigeration
5. Electric fences
6. Telecommunications
7. Remote farms and homes
8. Signaling
9. Industrial applications
10. Disaster relief

#### **B] Other uses:**

Solar electricity is increasingly appearing in more and more consumer devices driven by reducing cost, increasing performance and reducing energy demands in small electronic devices. Solar electricity is increasingly used in the following applications:

1. Camping, caravanning and boating
2. Recharging mobile phones
3. Powering laptop computers
4. Watches and calculators
5. Street lighting
6. Isolated vending machines
7. Bill board lighting
8. Security systems

### **C] Benefits of solar energy**

- Using the power of the sun to heat and light our houses is a very clean and environmentally friendly way of generating power.
- Installing solar power in your home will guarantee that you have much lower fuel bills almost instantly.
- These systems can fit into existing buildings and it does not affect land use



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Attendance sheet

Academic Year: 2013-14

Name of the programme/event: **Mechatronics with emphasis on solar applications.**

Date of programme/event: **12/07/2013 – 19/07/2013**

Objective of the programme: **To form collaboration between electronics and mechanical engineering department to develop some useful projects for society like solar projects.**

Recourse Person: **Dr. K.D. Desai**

Department Name: **Electronics & Telecommunication**

Participant's Name	Participant's Name	Participant's Name
Dr .Shilpa Deorukhakar	Mr.Vaibhav Ambavkar	Mr.Aniket Akhade
Mr. Balagauda Patil	Mr.Manish Prabhu	Mr. Siddhesh Kamat
Mr. Ashish Chaudhari	Mr.Balaji rodage	Mr.Aditya prabhukhot
Mr.Shoebuddin Madani	Mr.Santosh Shinde	Mr.Yogesh Prabhutendolkar
Ms.Rasika Burate	Mr.Avinash Pawar	Mr.Kailash Karnekar
Ms.Dhanashree Hindalekar	Mr.Sachin Karad	Mr.Vikram Shinde
Mr.Abhishek Anande	Mr. Niranjana Samudre	

**Mr. Avdhut Aapte**  
HOD



**Dr. Avinash Chincholkar**  
Principal



VPM's  
**MAHARSHI PARSHURAM  
COLLEGE OF ENGINEERING**

Hedvi Guhagar Road, At : Velneshwar, Taluka Guhagar,  
District : Ratnagiri, Maharashtra 415 729.

*A Workshop and Exhibition on "Mechatronics with emphasis on Solar applications"*

*Organized during July 12 to July 19, 2013*

*Certificate of Appreciation*

*This certificate is awarded to Mr./Mrs./Ms. Ambarkar Vaibhav*

*a Faculty / Staff member of this college, in recognition of his / her valuable contribution as Member of organizing committee in Workshop and Exhibition on "Mechatronics with emphasis on Solar applications" during July 12 to July 19, 2013.*

  
Dr. A. M. Chincholkar  
Principal

  
Dr. K. D. Desai  
Director



VidyaPrasarakMandal, Thane's

## Maharshi Parshuram College of Engineering

Hedvi-Guhagar road, At: Velneshwar, Taluka: Guhagar, Dist: Ratnagiri (Maharashtra) 415 729

### Report on Workshop on PLD and Recent Trends

(Held on: 21<sup>st</sup> October 2013)

DATE: 21/10/2013

- Venue: EXTC Department Classroom
- Time: 10am-4pm

Today department of Electronics & Telecommunication has successfully conducted the workshop on "Programmable Logic Devices and Recent Trends", by Mr. Vpul J. Gohil from Q-logic, Pune. Workshop was arranged in E&Tc Department classroom. Workshop was started on the given time to the guest i.e. at 9.15 am. All the final year students from Div A as well as Div. B were present for the lecture.

Speaker has discussed about the PLA structure in the detail. CPLD and FPGA architectures were highlighted. Furthermore speaker discussed about the implementation of the program in hardware. Basic building blocks of the architecture were briefed during the workshop.

Presenter was enthusiastic to discuss about the faculty queries, and highlighted about the prototyping concept used in the industry for new product. Some innovative project was shared to the faculty by speaker.

Workshop was end by 4.00 pm concluded by Ms. Dhanashree Hindalekar Workshop Coordinator by vote of thanks.



*Ms. Dhanashree Hindalekar*  
Ms. Dhanashree Hindalekar  
Workshop Coordinator

*Mr. Avdhut Apte*  
Mr. Avdhut Apte  
H.o.D.

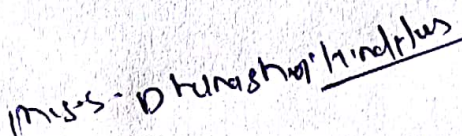


Vidya Prasarak Mandals  
Maharshi Parshuram College of Engineering  
Electronics and Telecommunication

Attendance Sheet for Workshop on PLD and Recent Trends

Date-21/10/2013

Sr.No	Name of Faculty	Signature of faculty
1	Mr.Avdhut Apate	
2	Mr.Sandip Dwivedi	
3	Mr.Kaustubh Joshi	
4	Miss.Rasika Burate	
5	Miss.Dhanashree Hindalekar	

  
Workshop Coordinator

Miss.Dhanashree Hindalekar

  
HOD

Mr.Avdhut Apate