



Dattakala Shikshan Sanstha's

# DATTAKALA GROUP OF INSTITUTIONS

| NAAC Accredited & ISO Certified |

Approved by AICTE - New Delhi, DTE - Mumbai, Recognized by Govt. of Maharashtra

Affiliated to Savitribai Phule Pune University, Pune and M.S.B.T.E., Mumbai

| DTE Code: 6628 | MSBTE Code: 1712 | AICTE ID: 1-5986711 | AISHE Code: C-44576 |

Ref: NAAC 2024/MLD/Cr-3.2.2

Date-05/04/2024

<b>Criteria 3.2.2</b>	<b>Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years</b>
<b>Findings of DVV</b>	HEI has not provided any evidences of IPR and research methodology ; only workshops on and entrepreneurship have been provided ;HEI to affix the attendance , report , newspaper clippings , certificates for DVV partner verification for the following workshops/ seminars:Seminar On PLC & SCADA (14/11/2018 to 15/11/2018) ; Webinar On Research Tools for PhD Aspirants - Dr. Nilesh Uke (28-05-2020) ; WORKSHOP ON "DEVELOPMENT OF ELECTRIC & HYBRID VEHICLE" (28-01-2022) for the metric 3.2.2
<b>Response/ Clarification</b>	1. As per the clarification, detailed report with photograph of the following activity PLC & SCADA (14/11/2018 To 15/11/2018) ; Webinar On Research Tools For Ph.D Aspirants - Dr. Nilesh Uke (28-05-2020) ; Workshop On "Development Of Electric & Hybrid Vehicle" (28-01-2022) with participant count are attached <b>(Appendix I)</b>



Director

Dattakala Group of Institutions  
Swami-Chincholi, Tal Daund  
Dist.-Pune. Pin - 413 130

# Appendix I



Dattakala Shikshan Sanstha's

# DATTAKALA GROUP OF INSTITUTIONS

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Date: 13/11/2018

## NOTICE

This is informed to all students of third year, final year students of the **Dattakala Group of Institutions** and faculty members to attend the two day seminar on “**PLC & SCADA**”. This seminar is organized by the department of Electrical Engineering for students and faculties. So you all attend this program.

**Date of Program:** 14/11/2018 and 15/11/2018

**Time:** 10:00 to 16:00

**Venue:** D.G.O.I. Seminar Hall

  
HoD



  
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Dattakala Group of Institutions  
Faculty of Engineering

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## Report of seminar

### Academic Year: 2018-2019

**Activity:** Seminar on the "PLC & SCADA".

**Participant Count:** 13 Students and faculty members.

**Date of Activity:** 14/11/2018 and 15/11/2018

**Place:** D.G.O.I. Seminar Hall.

**Objectives:** To know the basic concepts of PLC & SCADA. To make aware about the SCADA Software and different tools with its project.

Mr. Shinde A.A. has given the detailed information about the all parts of PLC & SCADA details. PLCs are designed to control complex industrial processes, such as running machines and motors. They are simple to program and fully scalable to an operation's requirements. They're also used to collect data from the systems they control. SCADA is a central system used to monitor and run plant processes. It's typically software installed on a computer, and one of its major functions is to act as an interface with industrial machines (or Human-Machine Interface, or HMI). In other words, it allows users to track information coming in from equipment, enter commands, make changes to their programming, etc.





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## ATTENDANCE SHEET

**Seminar Topic:** Seminar on PLC & SCADA

Sr. No	Name of Student	14/11/2018	15/11/2018
1	DEVKATE SAMBHAJI DINKAR	Demul	Bruny
2	LOMATE PRATIBHA HANUMANT	Pratibha	Pratibha
3	DARDARE SUNIL NANASO	(S)Dardare	(S)Dardare
4	SUPEKAR SWAPNIL NARAYAN	Swapnil	Swapnil
5	KALE VAIBHAV CHANDRAKANT	Vaibhav	Vaibhav
6	JAGTAP VRUSHALI BALOSO	JV Baloso	JV Baloso
7	JAMDADE RAHUL BALU	Rahul	Rahul
8	THORAT GANESH UTTAM	Ganesh	Ganesh
9	SAWANT SAMADHAN GAHININATH	S.S.	S.S.
10	ATOLE MAYURA SUNIL	Akumae	Akumae
11	BIRADAR KRUSHNA RAMRAO	Krushna	Krushna
12	DHANDE ANIL SUBHASH	Anil	Anil
13	KASHID PRITESH BABURAO	P. B. kashid	P. B. kashid



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Date: 26/01/2022

## NOTICE

This is informed to all faculty members and students of the Dattakala Group of Institutions to attend the two day "WORKSHOP ON "DEVELOPMENT OF ELECTRIC & HYBRID VEHICLE". This webinar is organized by the department of Electrical Engineering for faculties and students. So you all attend this program.

**Date of Program:** 27/01/2022 & 28/01/2022

**Time:** 10:00 to onwards.

**Venue:** Online Google meet

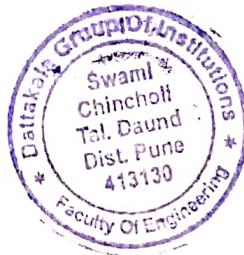
  
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## Report of Workshop

### Academic Year: 2021-2022

**Activity: WORKSHOP ON "DEVELOPMENT OF ELECTRIC & HYBRID VEHICLE.**

**Participant Count:** Day 1-110 Students and faculty members.

Day 2- 35 Students and faculty members

**Date of Activity:** 27/01/2022 & 28/01/2022

**Place:** Online Google meet

**Objectives:** To know the ELECTRIC & HYBRID VEHICLE.

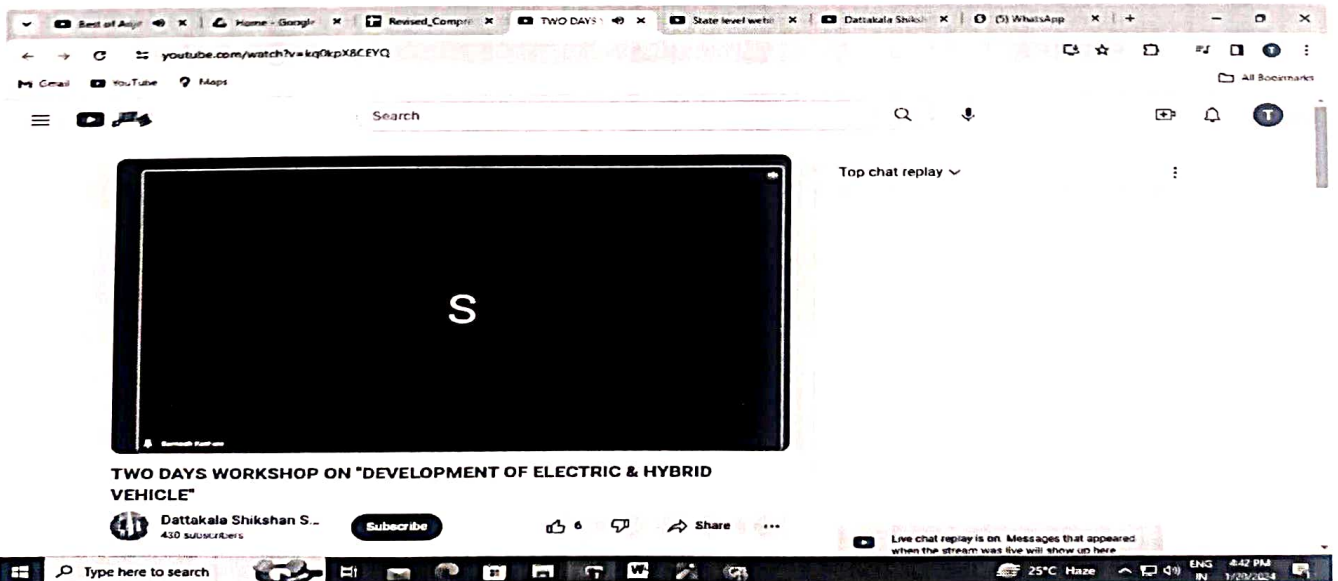
**Speaker:** Ravikant Nanwatkar

Assistant Professor at STES's

NBN Sinhgad School of Engineering,

Ambegaon, Pune, Maharashtra, India

Hybrid electric vehicles are powered by an internal combustion engine and one or more electric motors, which uses energy stored in batteries. A hybrid electric vehicle cannot be plugged in to charge the battery. Instead, the battery is charged through regenerative braking and by the internal combustion engine. The extra power provided by the electric motor can potentially allow for a smaller engine. The battery can also power auxiliary loads and reduce engine idling when stopped. Together, these features result in better fuel economy without sacrificing performance.





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youtube.com/watch?v=5-mM4Tx4TGk&t=16s

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**COMPONENTS OF HYBRID POWER TRAIN**  
Hybrid Vehicle Powertrain Systems combine conventional powertrain components, an internal combustion engine and transmission, with new electric components, electric motor, power electronics and high voltage energy storage, such as a battery. Other hybrids include different energy storage systems at post-Kapoor plot.

**• TYPES OF ELECTRIC VEHICLE SYSTEM**

- ▶ Electric Vehicle
- ▶ Plug in Hybrid
- ▶ Hybrid EV
- ▶ Hydrogen Fuel cell
- ▶ Gasoline Vehicle

**• DETAILS OF VEHICLE SYSTEM**

- ▶ The Lubrication - including lubrication and cooling
- ▶ The Fuel System - including evaporative emission
- ▶ The Ignition System
- ▶ The Electrical System - including starting and charging
- ▶ The Exhaust System - including emission control
- ▶ The Drive Train - including the transmission
- ▶ The Suspension and Steering Systems
- ▶ The Brake System
- ▶ The Frame and Body

**TWO DAYS WORKSHOP ON "DEVELOPMENT OF ELECTRIC & HYBRID VEHICLE"**

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Date: 27/05/2020

## NOTICE

This is informed to all faculty members of the **Dattakala Group of Institutions** to attend the one day **“Webinar on Research Tools for PhD Aspirants - Dr. Nilesh Uke”**. This webinar is organized by department of the Computer Engineering for faculties. So you all attend this program.

**Date of Program:** 28/05/2020

**Time:** 10:00 to onwards.

**Venue:** Online Google meet

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## Report of Webinar

### Academic Year: 2020-2021

**Activity:** Webinar on Research Tools for PhD Aspirants - Dr. Nilesh Uke.

**Participant Count:** 175 faculty members.

**Date of Activity:** 28/05/2020

**Place:** Google meet

**Objectives:** To know the basic concepts of Research Tools for PhD Aspirants.

**Speaker:** Dr. Nilesh Uke Principal, Trinity Academy of Engineering Pune. A PhD is the penultimate academic degree. With their research that looks into solving critical world issues, PhD graduates help everyone understand the world around them better; hence the important role of research tools that help them achieve this. A PhD requires candidates to collect and gather data for their dissertation so they can make an informed analysis of whether their hypothesis is supported, as well as deduce future probabilities and trends. This is often a time-consuming process – one has to search from the library and internet for literature, conducting experiments, writing and publishing papers, on top of the tedious task of formatting these sources.