

## Scraped Data

Vidyavardhini's College Of Engineering & Technology, Vasai Road

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(Approved by AICTE, DTE Maharashtra and Affiliated to University of Mumbai)

NBA & NAAC Accredited

Center of Excellence-SIEMENS

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PLC Automation and Drives

:At VCET, we understand the importance of elevating student?s skills in adapting to newer challenges and value the returns of investing in technical skill enhancement. Since last year, Siemens Centre of excellence at VCET is established to provide training for our students in the field of Automation & Drives. The training module encompasses a wide range of courses designed for PLCs, Drives, Controls, HMI, Networks, Process Control, and more. Which subsequently translates into effective, flexible, and value based training and real results in productivity, cost reductions and process optimization. Through specific courses designed for students, each course schedule consists of well balanced theory and provides hands-on training to optimize the knowledge about

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the products. Our fleet of experienced trainers ensures that each participant makes a contribution towards productivity and performance improvement in this organization. This centre assist students to come up with their own new project ideas and implement them. Center is equipped with various kits of Siemens. kits are available under three sections which are as follows: SIMATIC S7 1200 PLC kit with HMI (A set of 6 kits package) SINAMICS G120 Trainer (set of 5 kits) SINAMICS DCM 6RA80 Trainer with DC Motors (A set of 2 kits) Students can have hands on practice on these kits and learn about it.

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Objectives :The main objective of Siemens Centre of excellence isTo bridge the gap between industry and academics.To provide a competitive edge by helping students to learn, analyze and apply theoretical concepts and develop Industry level technology.To provide experiential learning where students can solve real world problems using state of the art technical material.Sr.

No.	Event	No. of Participants	Period	No. of Days	Description	Resource Person
1.	TTT Program for COE on Basic Drives	07	01/07/2019 to 05/07/2019	05	Teachers training program	Mr. Rohit Thakur Trainer, SITRAIN, Siemens India Ltd
2.	TTT Program for COE on S7 1200	07	08/07/2019 to 12/07/2019	05	Teachers training program	Mrs. Mangle Trainer, SITRAIN, Siemens India Ltd
3.	Workshop on Basic Programming for PLC S7 1200	52	17/08/2019	01	One day workshop is arranged for third year students of Instrumentation Engineering	Mr. Prafulla Patil And Mr. Vishal Pande Trainers Siemens Centre of Excellence
4.	Workshop on PLC HMI Communication	50	31/08/2019	01	One day workshop is arranged for third year students of Instrumentation Engineering	Mr. Prafulla Patil And Mr. Vishal Pande Trainers Siemens Centre of Excellence
5.	Workshop on Basic Programming for PLC S7 1200	70	21/09/2019	01	One day workshop is arranged for third year students of Mechanical Engineering	Mr. Vishal Pande And Mr. Kamlesh Bachkar Trainers Siemens Centre of Excellence
6.	Workshop on PLC HMI Communication	75	28/09/2019	01	One day workshop is arranged for third year students of Mechanical Engineering	Mr. Prafulla Patil And Mr. Kamlesh Bachkar Trainers Siemens Centre of Excellence
7.	Basic PLC S7 1200 + HMI	25	20/01/ 2020 to 30/01/2020	10	PLC and HMI Programming for students of Final year Engineering	Mr. Prafulla Patil Mr. Vishal Pande Trainers Siemens Centre of Excellence
8.	Workshop on Basics of AC/DC Motors and Drives	58	05/10/2019	01	One day workshop is	

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Objectives :

07

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Team Coordinators :

Members :

Benefits :Exposure to real industrial products.Hand on training on Siemens products & certification with Siemens instruments University program logo.shortened start-up times and faster troubleshooting for actual project development.Employability for students will increase.

Benefits :

Activities2023-19

Activities

PreviousNext

Faculty	Department	Dr. Vikas Gupta	Electronics and Telecommunication Engineering	Mr. Prafulla
	Patil	Instrumentation Engineering	Ms. Kanchan Sarmalkar	Instrumentation Engineering
	Mr. Vishal			
	Pandel	Instrumentation Engineering	Ms. Ekta Naik	Electronics and Telecommunication Engineering
	Mr.			
	Kamlesh Bachkar	Mechanical Engineering		

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Kamlesh BachkarMechanical Engineering

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