Sant Dnyaneshwar Shikshan Sanstha's

Annasaheb Dange College of Engineering and Technology (ADCET), Ashta

4.3.4 Institution E-Content Development Facility

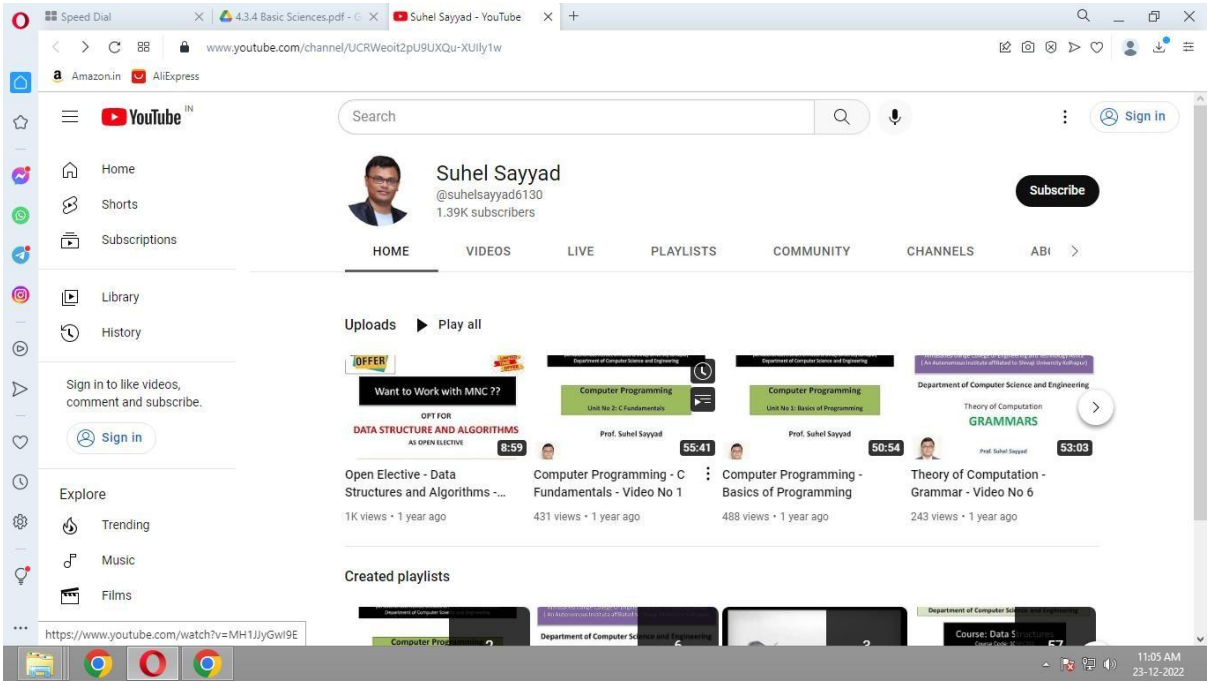
Institution has Facilities for e-content development

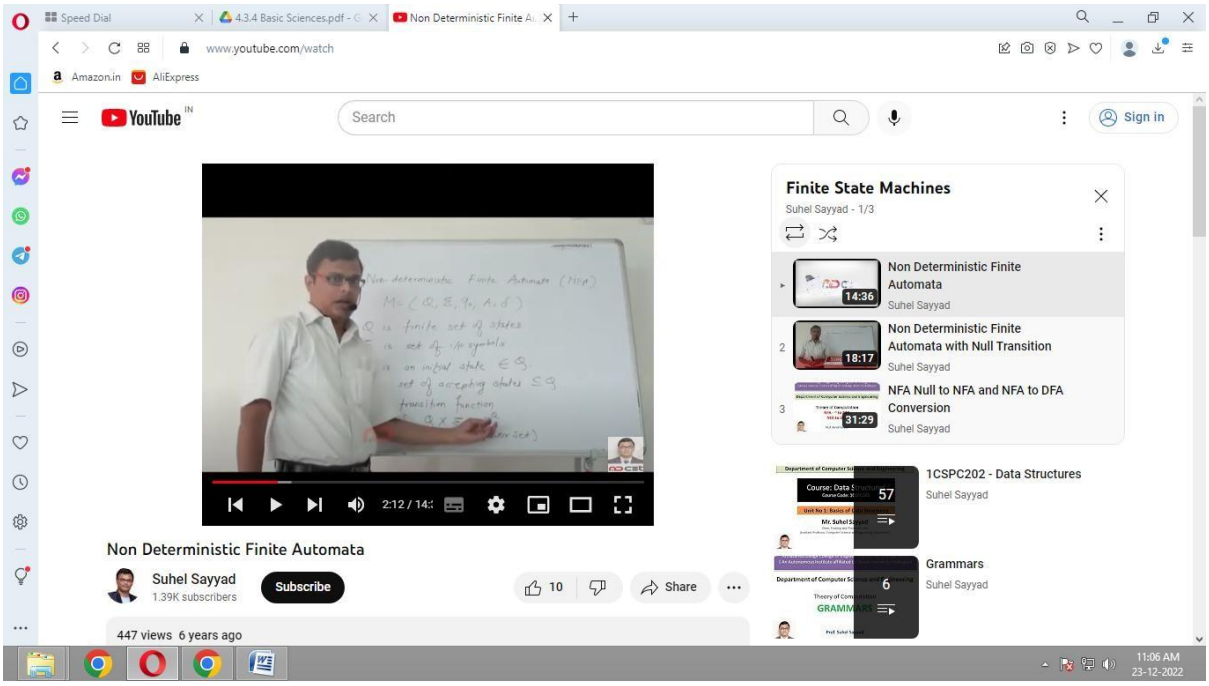
Following facilities for e-content development are available in Content Creation Laboratory of the institute,

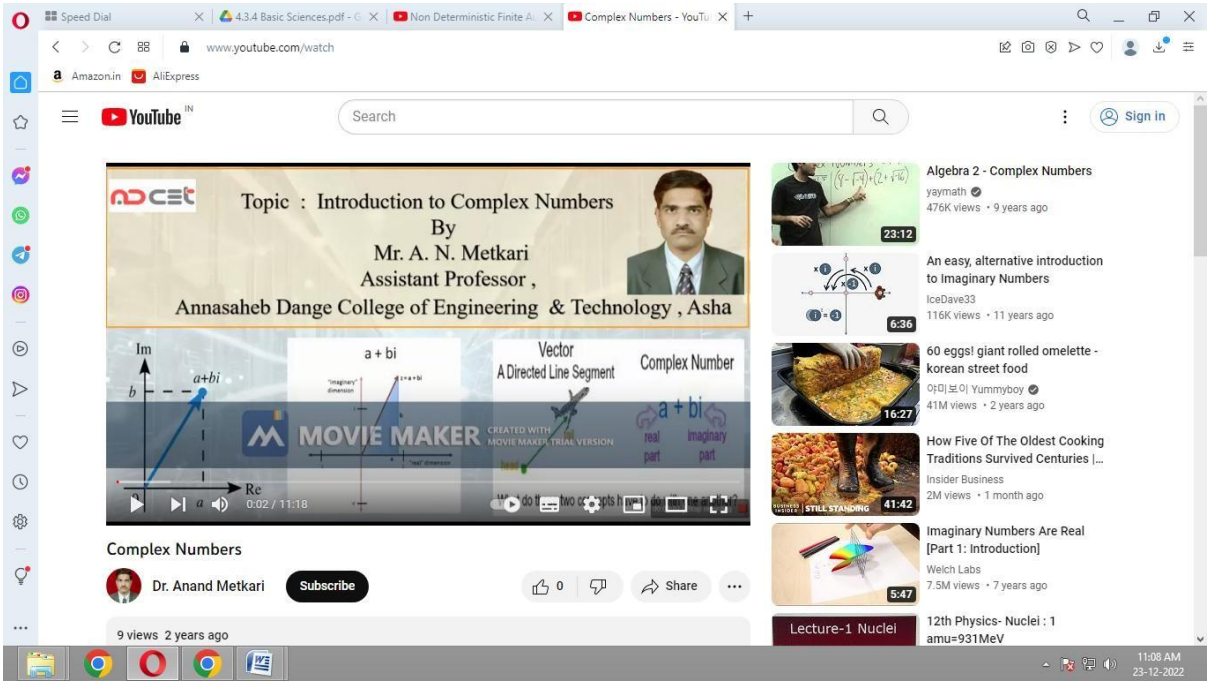
1. Audio Visual Center
2. Lecture Capturing System (LCS)
3. Mixing Equipment's and Software for Editing

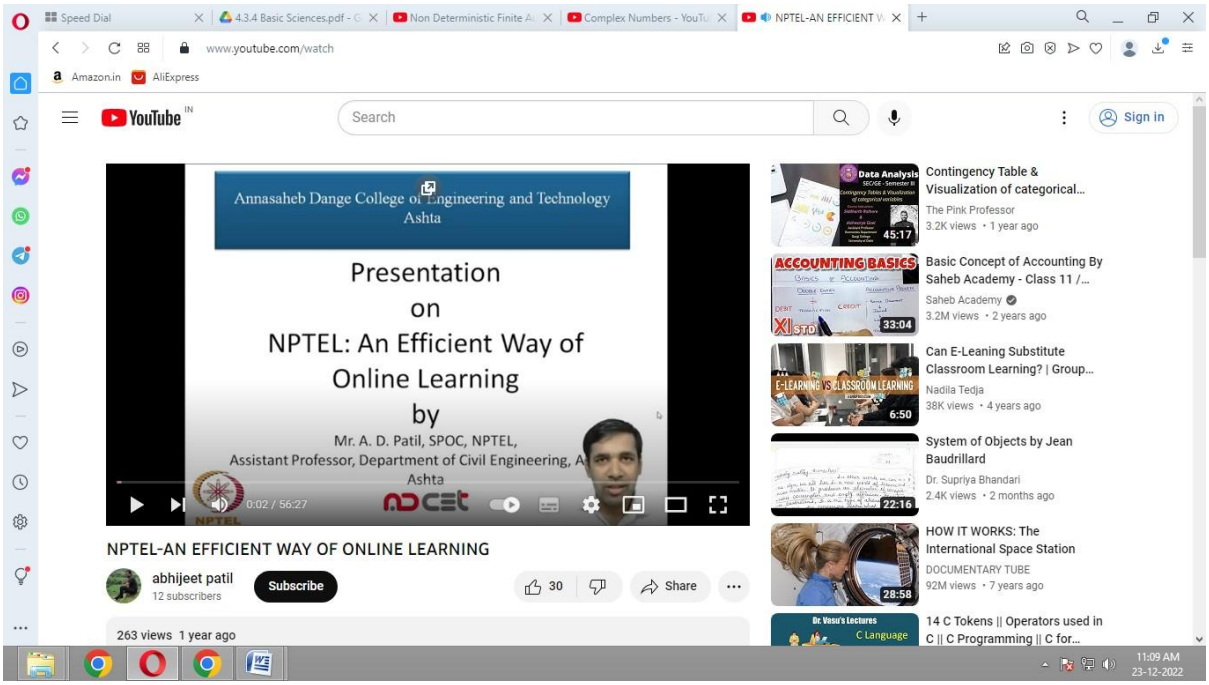
Annasaheb Dange College of Engg. & Tech. ASHTA 416 301

Dr. Vikram S. Patil
Director ADCET

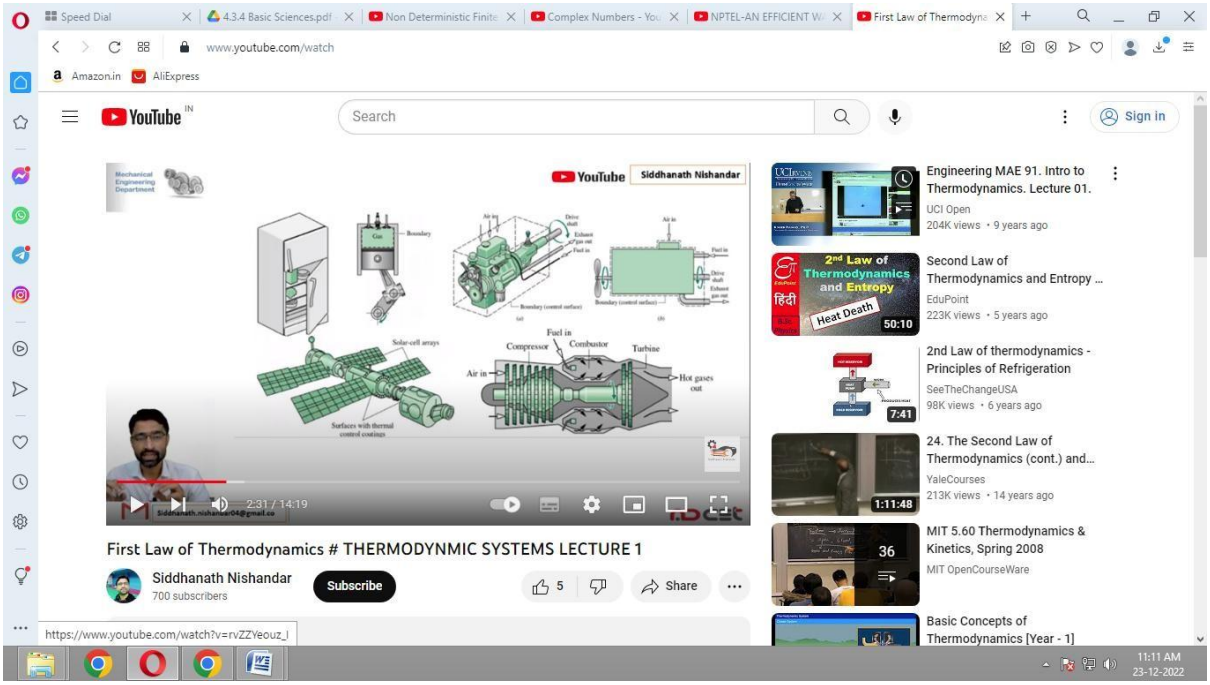





Topic : Introduction to Complex Numbers
By
Mr. A. N. Metkari
Assistant Professor ,
Annasaheb Dange College of Engineering & Technology , Asha
Complex Numbers
Dr. Anand Metkari
Subscribe
9 views 2 years ago
Algebra 2 - Complex Numbers
An easy, alternative introduction to Imaginary Numbers
60 eggs! giant rolled omelette - korean street food
How Five Of The Oldest Cooking Traditions Survived Centuries |...
Imaginary Numbers Are Real [Part 1: Introduction]
12th Physics- Nuclei : 1 amu=931MeV


Annasaheb Dange College of Engineering and Technology
Ashta
Presentation
on
NPTEL: An Efficient Way of
Online Learning
by
Mr. A. D. Patil, SPOC, NPTEL,
Assistant Professor, Department of Civil Engineering,
Ashta
NPTEL-AN EFFICIENT WAY OF ONLINE LEARNING
abhijeet patil
12 subscribers
Subscribe
263 views 1 year ago
Contingency Table & Visualization of categorical...
Basic Concept of Accounting By Saheb Academy - Class 11 /...
Can E-Leaning Substitute Classroom Learning? | Group...
System of Objects by Jean Baudrillard
HOW IT WORKS: The International Space Station
14 C Tokens || Operators used in C || C Programming || C for...

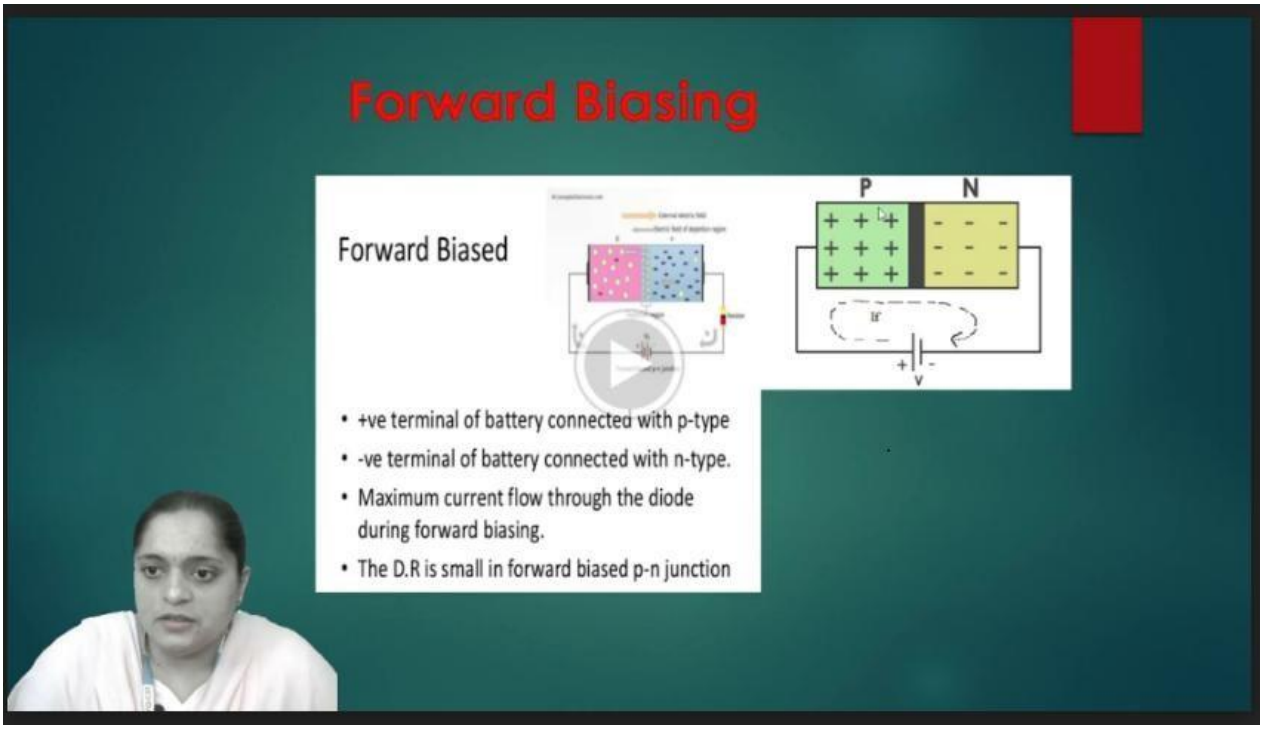

Annasaheb Dange College of Engg. & Tech.
ASHTA
416 301

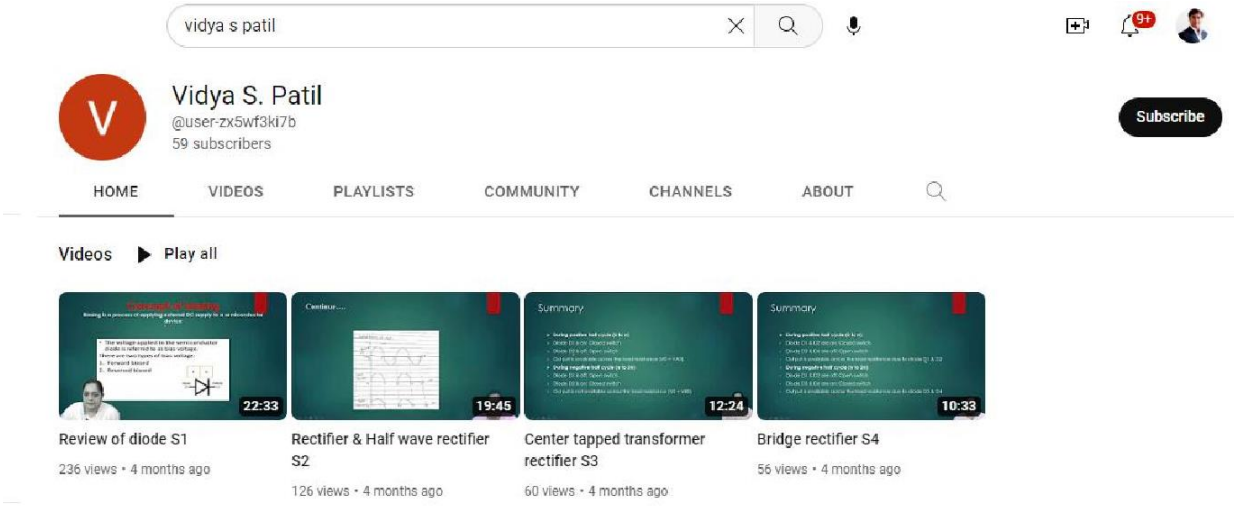


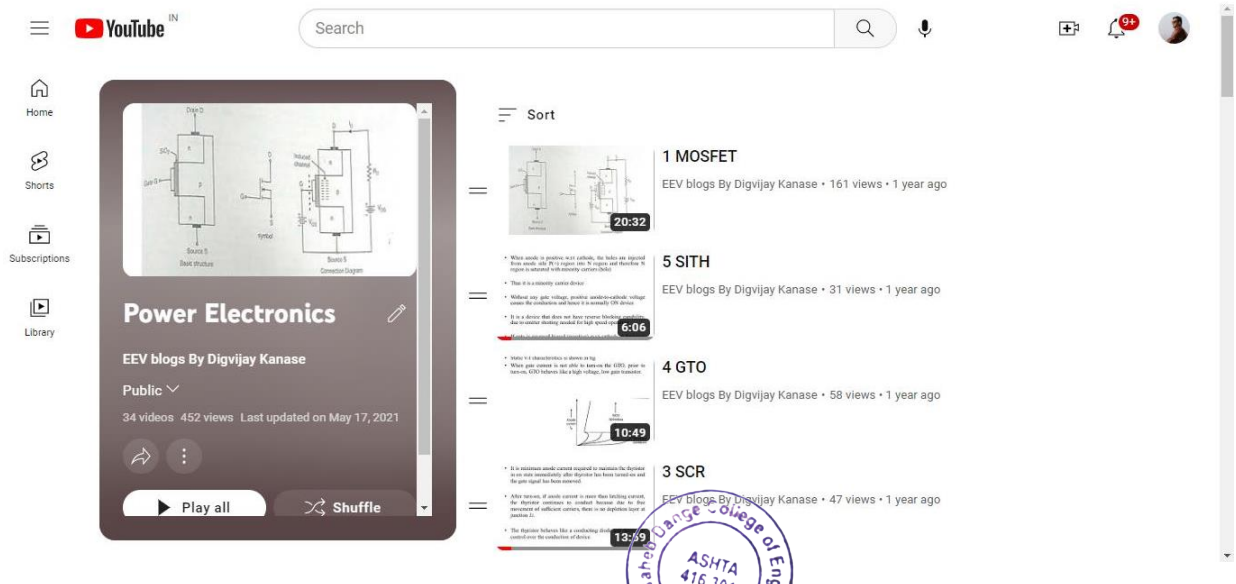
Annasaheb Dange College of Engg. & Tech.
ASHTA
416 301

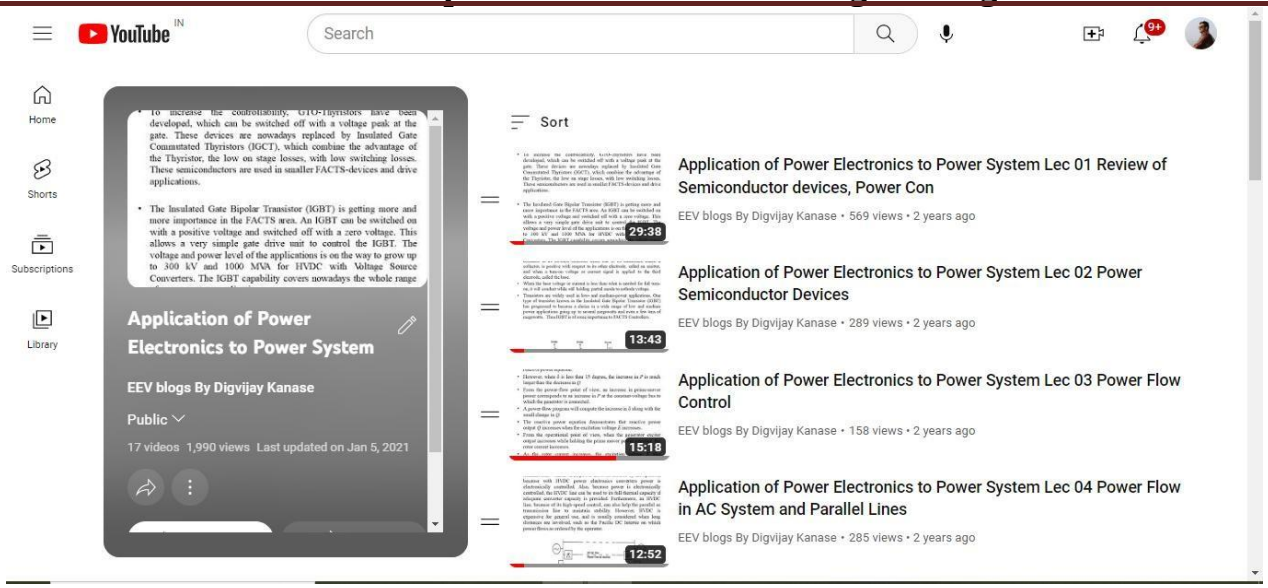
Director

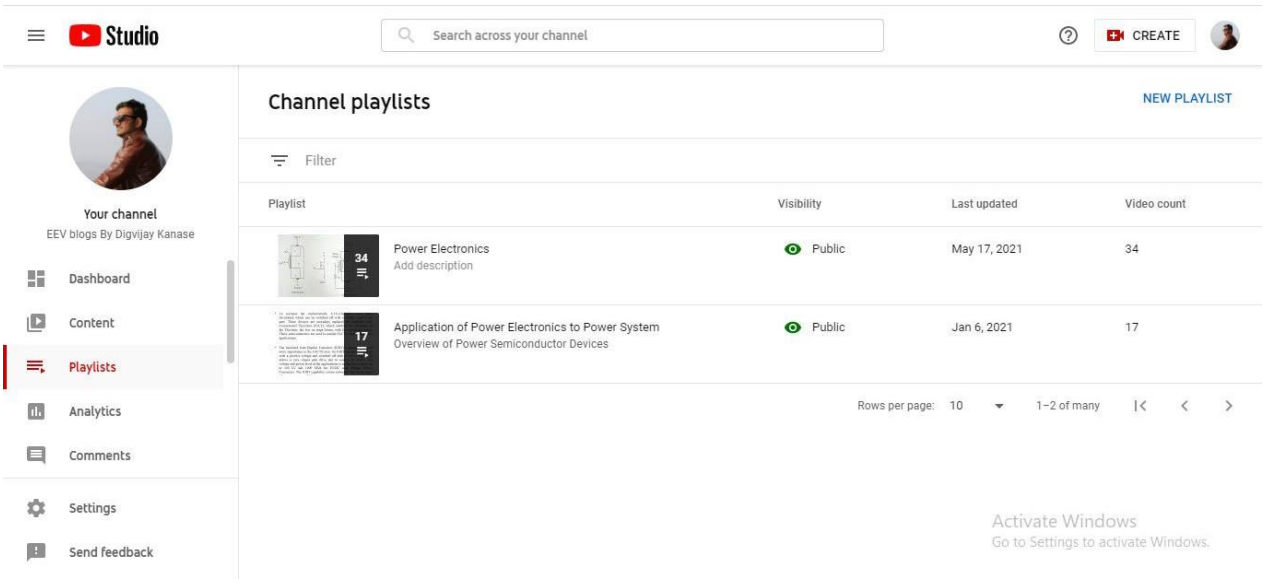
4.3.4 VIDEOS OF THE MEDIA CENTER

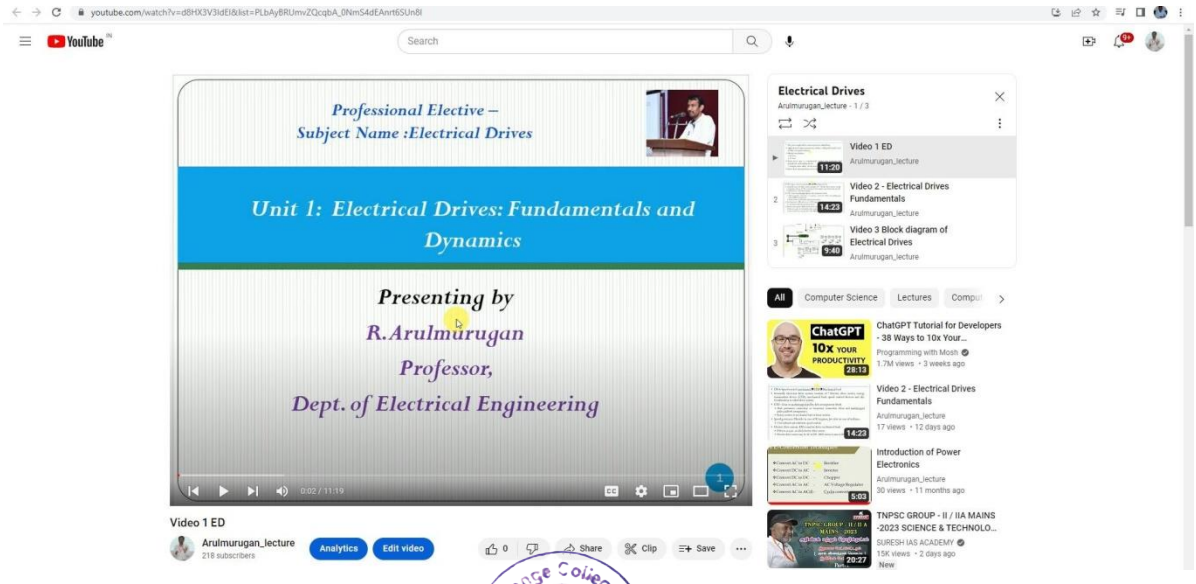


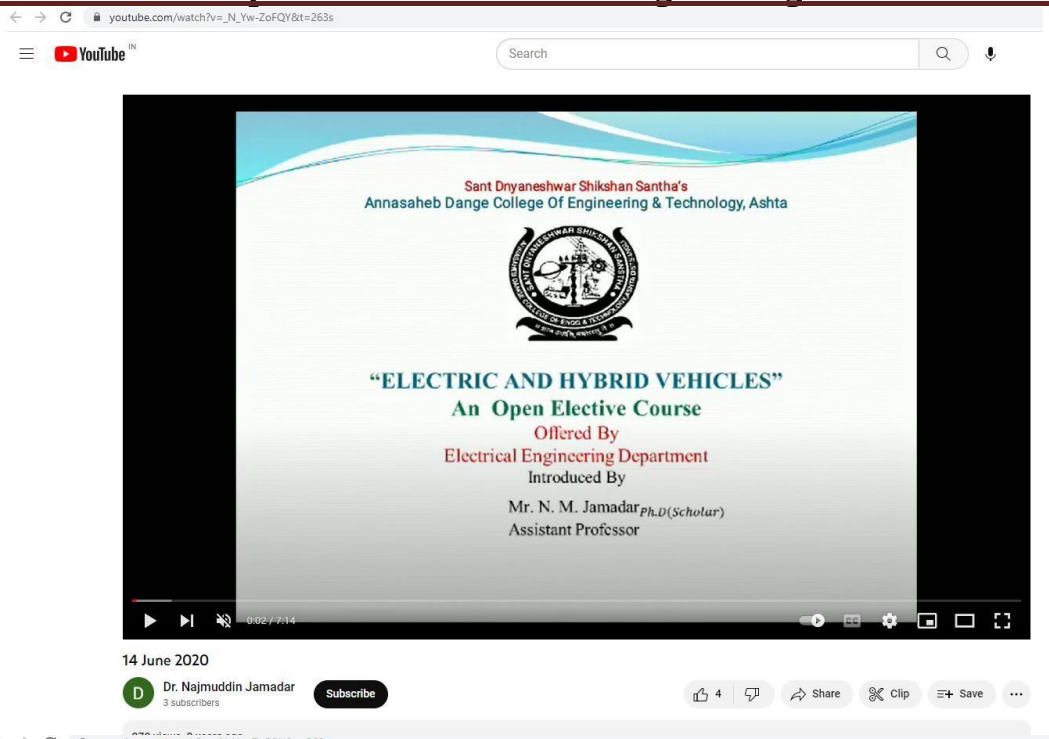


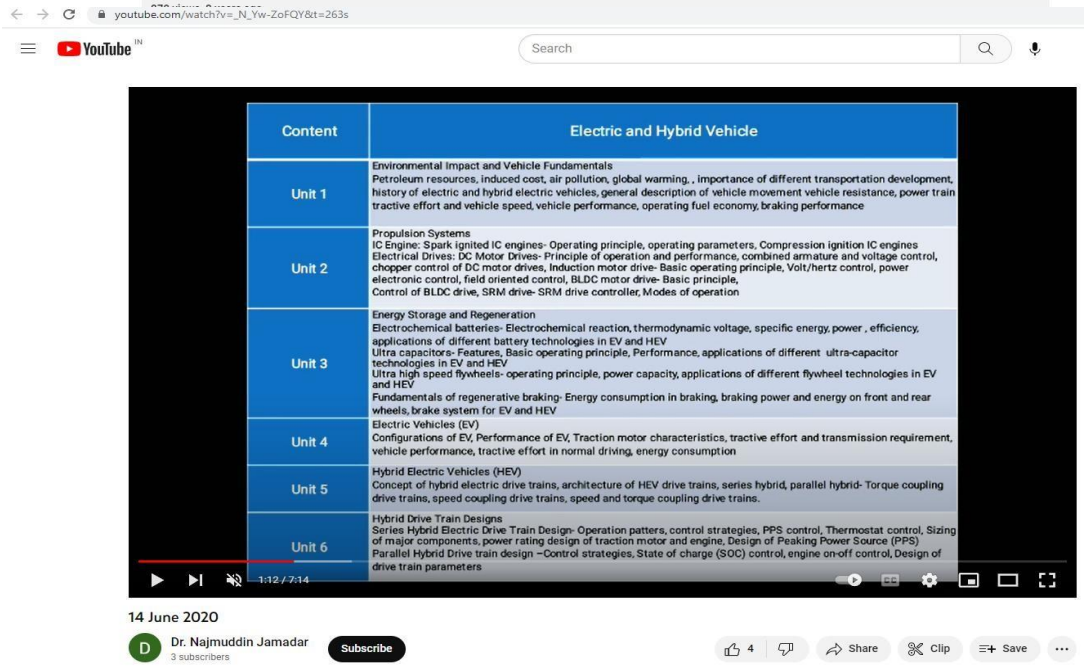


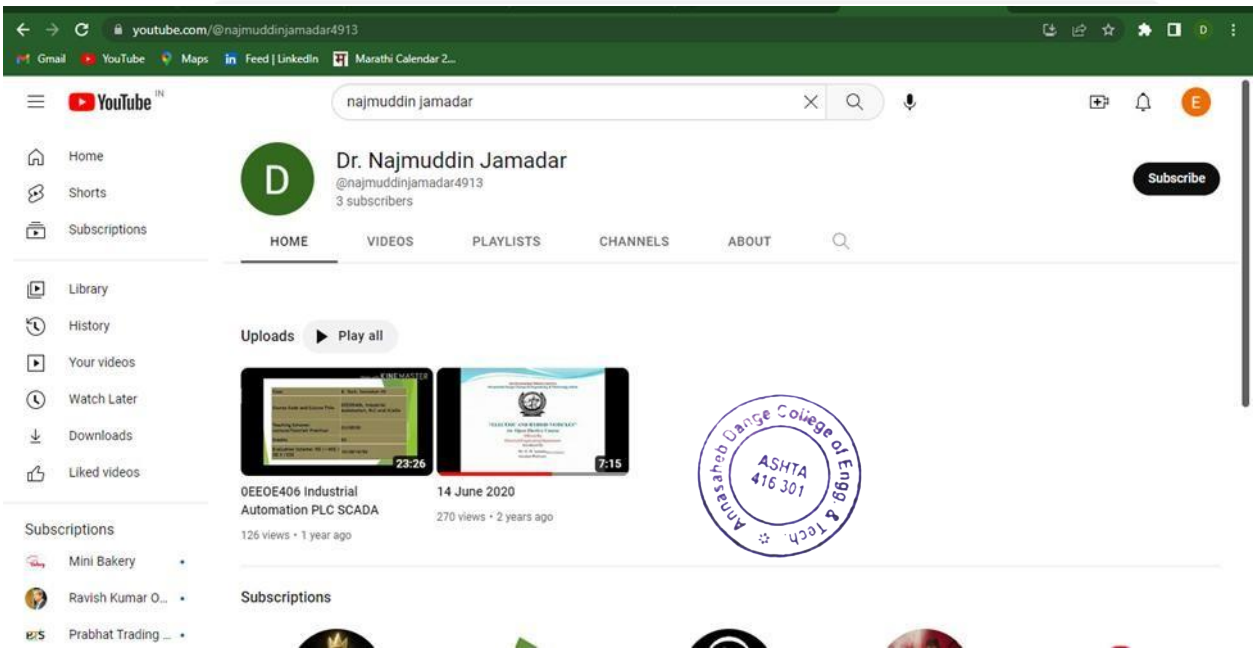


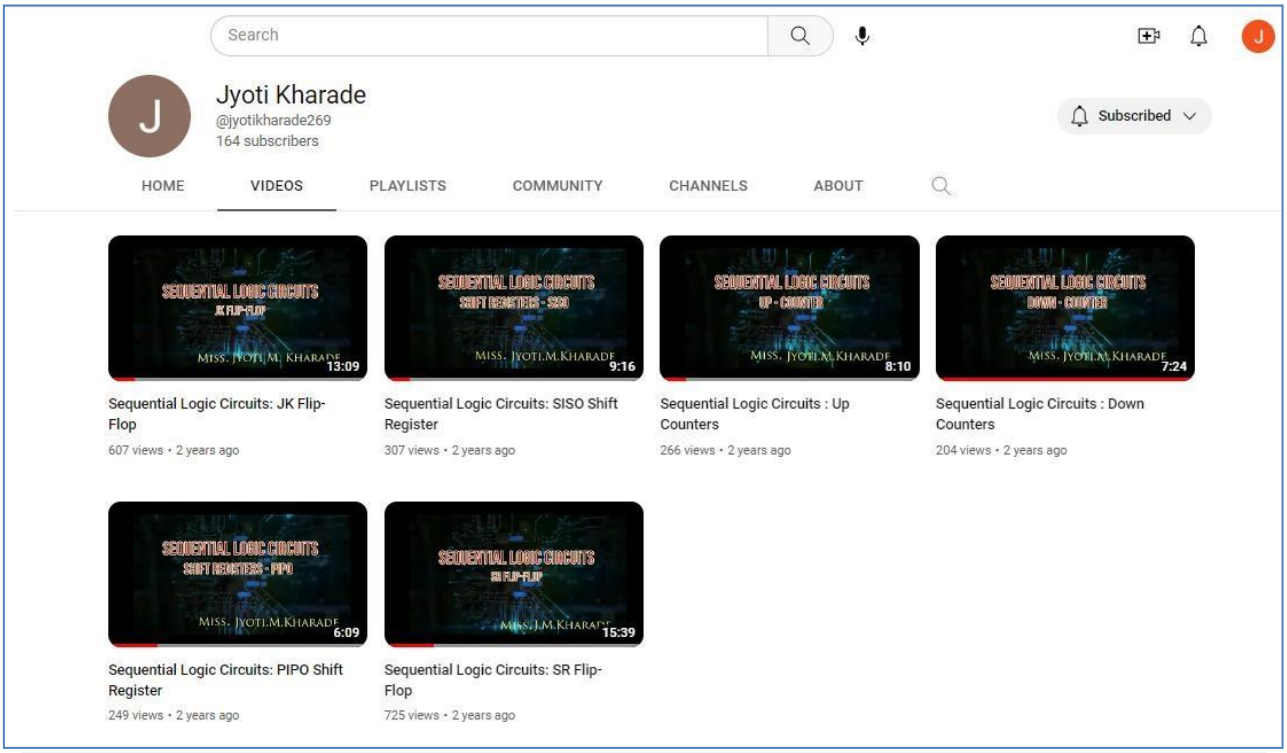


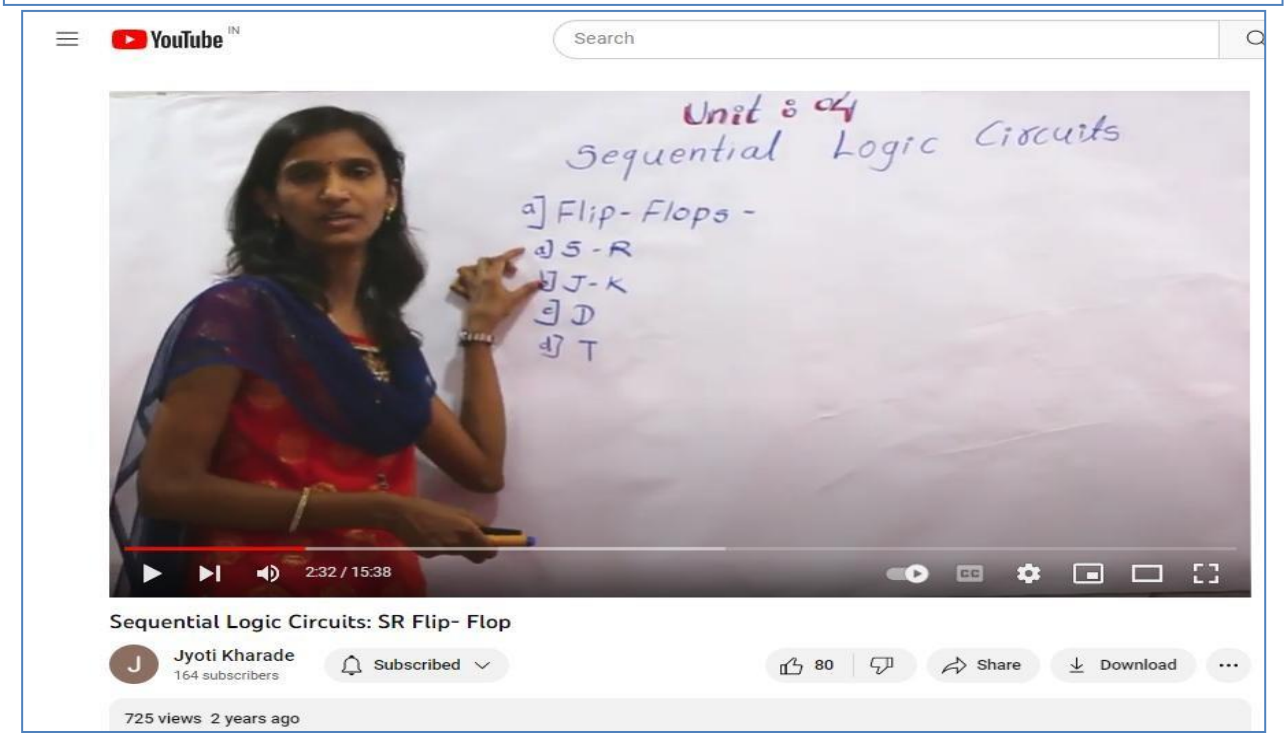



youtube.com/watch?v=_N_Yw-ZoFQY&t=263s
YouTube
Search
Sant Dnyaneshwar Shikshan Santha's
Annasaheb Dange College Of Engineering & Technology, Ashta
"ELECTRIC AND HYBRID VEHICLES"
An Open Elective Course
Offered By
Electrical Engineering Department
Introduced By
Mr. N. M. Jamadar Ph.D(Scholar)
Assistant Professor
0:02 / 7:14
14 June 2020
Dr. Najmuddin Jamadar
3 subscribers
Subscribe
4
Share
Clip
Save

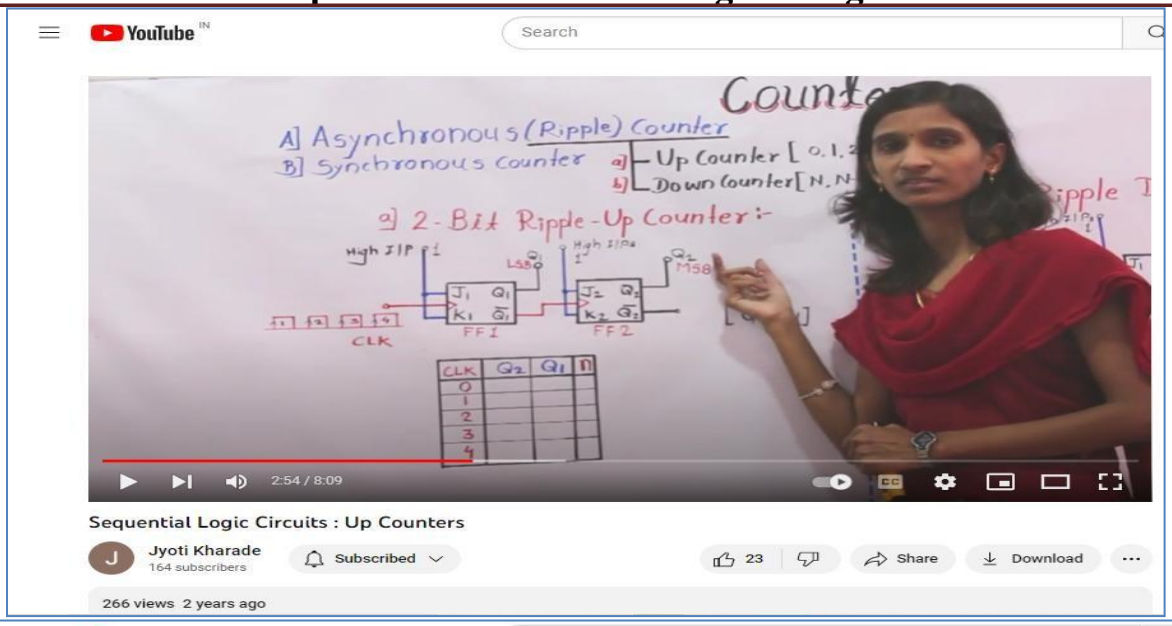

youtube.com/watch?v=_N_Yw-ZoFQY&t=263s
YouTube
Search
Content
Electric and Hybrid Vehicle
Unit 1
Environmental Impact and Vehicle Fundamentals
Petroleum resources, induced cost, air pollution, global warming, , importance of different transportation development, history of electric and hybrid electric vehicles, general description of vehicle movement vehicle resistance, power train tractive effort and vehicle speed, vehicle performance, operating fuel economy, braking performance
Unit 2
Propulsion Systems
IC Engine: Spark ignited IC engines- Operating principle, operating parameters, Compression ignition IC engines
Electrical Drives: DC Motor Drives- Principle of operation and performance, combined armature and voltage control, chopper control of DC motor drives, Induction motor drive- Basic operating principle, Volt/hertz control, power electronic control, field oriented control, BLDC motor drive- Basic principle,
Control of BLDC drive, SRM drive- SRM drive controller, Modes of operation
Unit 3
Energy Storage and Regeneration
Electrochemical batteries- Electrochemical reaction, thermodynamic voltage, specific energy, power , efficiency, applications of different battery technologies in EV and HEV
Ultra capacitors- Features, Basic operating principle, Performance, applications of different ultra-capacitor technologies in EV and HEV
Ultra high speed flywheels- operating principle, power capacity, applications of different flywheel technologies in EV and HEV
Fundamentals of regenerative braking- Energy consumption in braking, braking power and energy on front and rear wheels, brake system for EV and HEV
Unit 4
Electric Vehicles (EV)
Configurations of EV, Performance of EV, Traction motor characteristics, tractive effort and transmission requirement, vehicle performance, tractive effort in normal driving, energy consumption
Unit 5
Hybrid Electric Vehicles (HEV)
Concept of hybrid electric drive trains, architecture of HEV drive trains, series hybrid, parallel hybrid- Torque coupling drive trains, speed coupling drive trains, speed and torque coupling drive trains.
Unit 6
Hybrid Drive Train Designs
Series Hybrid Electric Drive Train Design- Operation patters, control strategies, PPS control, Thermostat control, Sizing of major components, power rating design of traction motor and engine, Design of Peaking Power Source (PPS)
Parallel Hybrid Drive train design –Control strategies, State of charge (SOC) control, engine on-off control, Design of drive train parameters
1:12 / 7:14
14 June 2020
Dr. Najmuddin Jamadar
3 subscribers
Subscribe
4
Share
Clip
Save

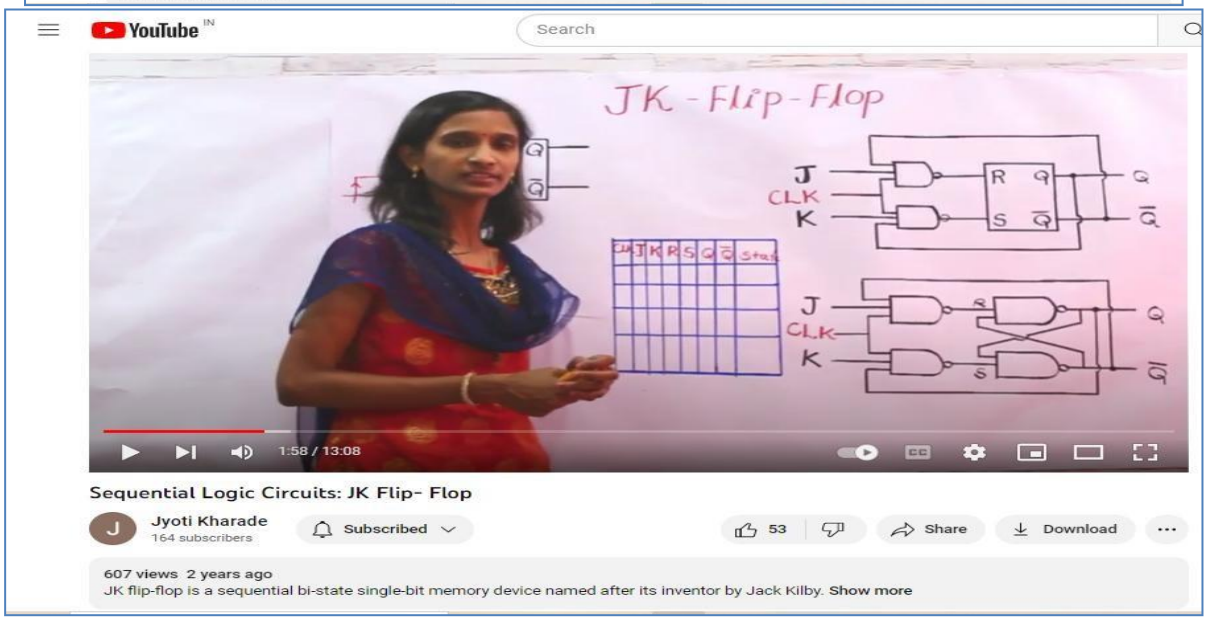

youtube.com/@najmuddinjamadar4913
Gmail
YouTube
Maps
Feed | LinkedIn
Marathi Calendar 2...
YouTube
najmuddin jamadar
Home
Shorts
Subscriptions
Library
History
Your videos
Watch Later
Downloads
Liked videos
Subscriptions
Mini Bakery
Ravish Kumar O...
Prabhat Trading ...
Dr. Najmuddin Jamadar
@najmuddinjamadar4913
3 subscribers
Subscribe
HOME
VIDEOS
PLAYLISTS
CHANNELS
ABOUT
Uploads
Play all
23:26
7:15
0EE0E406 Industrial Automation PLC SCADA
126 views • 1 year ago
14 June 2020
270 views • 2 years ago
Annasaheb Dange College of Engg & Tech.
ASHTA
416 301
Subscriptions





Annasaheb Dange College of Engg & Tech. ASHTA 416 301





Prepared By
Mr. Y. A. Makandar

Annasaheb Dange College of Engg. & Tech. ASHTA 416 301

HOD
Dr. S. Gopinath