



भारतीय प्रौद्योगिकी संस्थान मुंबई  
प्लॉट, मुंबई - 400 076, भारत  
Indian Institute of Technology Bombay  
Powai, Mumbai - 400 076 India

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IIT Bombay

To :

Prof. K. Nageswara Rao, Principal  
Potti Sriramulu & Chalapathi Mallikarjuna Rao College of Engineering & Technology,  
Vijayawada, Krishna Dist -Andhra Pradesh.

23<sup>rd</sup> Nov, 2015.

Spoken Tutorial Project, IIT Bombay is pleased to welcome P.S.C.M.R. College of Engg & Technology, as a Knowledge Center in the district identified. The project is a part of the National Mission on Education through ICT, MHRD, Govt. of India, to spread IT Competence all over India. We are confident that your college brings the same vision to enhance the IT literacy in the district. In your role you will -

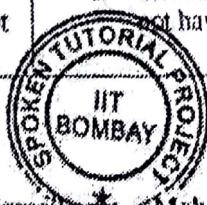
1. Offer the training to all the students in the college in a time bound and systematic manner by trying as best as possible to use the Computer Lab hours available in the time-table(s)
2. Serve to motivate other colleges in the district to take up the same training.

Spoken Tutorial is an award winning MOOC, a SELF Learning Audio-Video teaching tool which students can use to learn a variety of Open Source Software on their own. We are ready to support you in your efforts to train students on General IT Skills, Programming and esoteric Software and specialised software for subjects like Chemistry & Biology. The courses provide employable skills and help improve academic performance. Because of Govt. funding the course, training & certificate will be offered free of cost to all institutions both Govt., and Private.

#### Knowledge Center (KC) Responsibilities

Responsibility	Activities/ Features
Principal to appoint a Chief Faculty coordinator, 1-2 representative Faculty Coordinators (FC) related to Comp.Sc./MCA/IT and 1-2 Student volunteers - the "KC team"	The KC team will work to - 1. Set up the Cell, 2. Send the time-tables from different depts., for mapping to IITB, ST team, 3. Organise awareness workshops for district colleges, 4. Start the training immediately to their respective depts.,
Chief Faculty Coordinator to set up Spoken Tutorial Training Cell in the college	1. This can be any space in a lab having minimum 10 systems. 2. A colourful banner, posters, brochures, leaflets, CDs etc. Will be sent by the ST, IITB team
Faculty Coordinators will start the training first in one dept. focussing on final year students	1. This can be done in this calendar year and definitely in the coming even Jan 2016 semester, so that graduating students can leave with at least 2-3 software skills and certificates. 2. Each FC will register on the ST website, select the particular software for the semester/s and enroll the students in a Master Batch into the ST website.
Chief Faculty Coordinator to oversee deployment of Spoken Tutorial courses in lab time-tables & syllabus	1. The time-tables will be sent to the ST, IITB state Training Coordinator who will map the lab hours with suitable fit ST software courses. 2. The college depts., will put these courses in print in the time-tables so that it becomes a permanent feature.
The Chief Faculty Coordinator will organise awareness programs & workshops for other colleges in the district	1. These can be 4-5 in a year, 2. The ST, IITB team will send leaflets, brochures etc. For these workshops and also guide with ppts, videos etc. On how they can be conducted. 3. Skype facility can also be used to connect with IITB during the event.
The College will provide its lab facilities to colleges who may not have adequate infrastructure	1. The college can lend its premises and lab facilities to colleges which do not have sufficient systems or internet.

Mdeth  
24/11/15



Ms. Preeti Naidu - preetist92@gmail.com - Mob.: 09987884115

24<sup>th</sup> Nov 2015.



**Preeti Naidu** <preetist92@gmail.com>

To akella pathanjali sastri

CC Shyama Iyer trupti more

Dear Prof. Pathanjali Sastri,

**Greetings!!!**

Nice speaking with you. Happy to know that you will be visiting P.B. Siddhartha College of Arts & Science, Vijayawada on **2nd June'16** for the Orientation program representing Spoken Tutorial IT Training program and also to present the importance of MOOCs initiative. Prof. Sridhar is in contact for this event and will also arrange for all the hospitality. Glad to know your availability & your presence for the same. As discussed, Spoken Tutorial PPT slides is shared in the below attachment along with course mapping for all departments.

Do have a look at the PPT it contains only 4-5 slides. I am sure you being the head of computer science department will do 100% justice with importance of MOOCs initiative. However, I'll guide you the process part so that faculties are clear with next step to start the Spoken Tutorial IT training program.

***Please feel free to contact us, happy to clarify any doubts.***

Thanks & Regards,

**Preeti Naidu**

Training Manager - Andhra Pradesh

Spoken Tutorial, IIT Bombay - NMEICT, MHRD, Govt. of India.

Mob No.: +91-9987884115

Website Link : <http://spoken-tutorial.org>

MHRD Link : <http://mhrd.gov.in/e-content>

AICTE Link : <http://www.aicte-india.org/ICTlinks.php>

May 30 at 4:51 AM

**Preeti Naidu** <preetist92@gmail.com>

To sridhar kavuri

CC Shyama Iyer trupti more

akella pathanjali sastri

Dear Prof. Sridhar,

**Greetings!!!**

Nice to hear from you. As per your request, for the orientation program our top performing college from Vijayawada dist the Head of Computer Science Engg department Prof. Pathanjali Sastri will be visiting your institution to address all faculty and to present on behalf of Spoken Tutorial program. Good to know that his hospitality will be taken care by your institution. As discussed, Prof. Sastri will explain the importance of MOOCs initiative and the process to start Spoken Tutorial IT training program in all the departments.

However, our National Coordinator Ms. Shyama Iyer or myself will address the gathering. You can arrange one projector, webcam, Internet connection & skype support. As mentioned, if it is not possible then we can also have one side talk in speaker phone so that we address the gathering at the end of the event.

**Details : Prof. Pathanjali Sastri Akella - Professor & HOD, Mob no : 9848409689**

Thanks & Regards,

**Preeti Naidu**

Training Manager - Andhra Pradesh.

Spoken Tutorial, IIT Bombay - NMEICT, MHRD, Govt. of India.

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AICTE Link : <http://www.aicte-india.org/ICTlinks.php>

On Mon, May 30, 2016 at 4:33 PM, Preeti Naidu <preetist92@gmail.com> wrote:

Dear Prof. Sridhar,

**Greetings!!!**

Apologies for the delay in replying. As discussed with our management, all the college orientation can be done by any faculty from your institution itself. However, we will share Spoken Tutorial PPT slides and guide you for the same.

From our end, we will support the entire event with Skype connect. Our National coordinator will address all the faculty and key official present during the event.

Looking forward for your response for the above mentioned details. Do let us know the date and time of the event. We will also support with promotional materials with department specific brochures.

Thanks & Regards,

**Preeti Naidu**

Training Manager - Andhra Pradesh.  
Spoken Tutorial, IIT Bombay - NMEICT, MHRD, Govt.  
of India.  
Mob No.: +91-9987884115

Website Link : <http://spoken-tutorial.org>

MHRD Link : <http://mhrd.gov.in/e-contents>  
AICTE Link : <http://www.aicte-india.org/ICTlinks.php>

On Fri, May 27, 2016 at 12:35 PM, Preeti  
Naidu <[preetist92@gmail.com](mailto:preetist92@gmail.com)> wrote:

Dear Prof. Sridhar  
(Coordinator, Spoken Tutorials, P.B.Siddhartha  
College of Arts & Science, Vijayawada - A.P)

**Greetings from IIT Bombay!**

Good Morning Sir. Nice to hear from you. Glad to know about your interest regarding the orientation program to start with MOOCS initiative through Spoken Tutorial program, IIT Bombay. Happy to know that all the departments faculties will be present for the same. As discussed, our resource person from PSCMRCET - Vijayawada who is well versed with our program will visit to present the importance of MOOCs courses and how Spoken Tutorial program shows the way.

As of now we can start the program, but definitely during my visit to Vijayawada in the Month of June/ July will come to your institution. Do let us know date and schedule for the same.

However, would like to know about the hospitality from your end. If not, then we may arrange for his travel and food.

Thanks & Regards,

**Preeti Naidu**

Training Manager - Andhra Pradesh.  
Spoken Tutorial, IIT Bombay - NMEICT, MHRD, Govt.  
of India.  
Mob No.: +91-9987884115

Website Link : <http://spoken-tutorial.org>

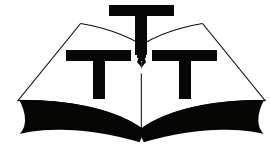
MHRD Link : <http://mhrd.gov.in/e-contents>  
AICTE Link : <http://www.aicte-india.org/ICTlinks.php>





Spoken Tutorial

# Certificate for Completion of C Training



Talk To A Teacher

This is to certify that **YESWANTH PULIPATI** has successfully completed **C** test organized at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** by **BHIMI REDDY SRIKANTH REDDY** with course material provided by the Talk To A Teacher project at IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **bhsrikanth reddy** at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

September 27th 2018

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

**Prof. Kannan M Moudgalya**  
IIT Bombay



Spoken Tutorial

# Certificate for Completion of PHP and MySQL Training



Talk To A Teacher

This is to certify that **ZILLA SASANK** has successfully completed **PHP and MySQL** test organized at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** by **BHIMI REDDY SRIKANTH REDDY** with course material provided by the Talk To A Teacher project at IIT Bombay.

Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. **bhsrikanth reddy** at **Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology** invigilated this examination. This training is offered by the **Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India.**

September 28th 2018

A handwritten signature in black ink, appearing to read 'Kannan Moudgalya'.

**Prof. Kannan M Moudgalya**  
IIT Bombay





**POTTI SRIRAMULU CHALAVADI MALLIKARJUNARAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**

VIJAYAWADA - 520 001.

Approved by AICTE - ISO 9001:2015 Certified - Affiliated to JNTUK, Kakinada.

**Flip Classes Activity**

Subject: Computer Organization

Year & Sem.-II-II

Branch: CSE-B

Date:7/12/2018

**Topic: Software's & Examples**

Sl.No	Roll Number	Name of the Student	Signature
1	17KT1A0562	AMALAPURAPU LAKSHMI GNANA DEEPU	A. Deepu.
2	17KT1A0563	ANDE VANDANA	A. Vandana.
3	17KT1A0567	BHEEMAVARAPU DEEPIKA	B. Deepika.
4	17KT1A0568	BOGADI SANTHOSHI	Santhosh - B.
5	17KT1A0570	BUKKARAJU BHARATH	B. Bhaskar.
6	17KT1A0571	BURRI JOHN CHRISTOPHER	B. John
7	17KT1A0573	GARIKAPATI SANDHYA	G. Sandhya.
8	17KT1A0574	GOSANGI LAKSHMI PAVITHRA	← A.B. SEXT →
9	17KT1A0576	G.S.V.M. DURGA HARINADH	harinadh
10	17KT1A0579	KANDRU HEMA VINAY KUMAR	K. Vinay - Kumar
11	17KT1A0580	KATIKILA VISHALINI	Vishalini
12	17KT1A0582	KATURI GLORY	C. Glory
13	17KT1A0583	K.VENKATA SURYA AVINASH	K.V.S. Avinash
14	17KT1A0584	KOTHA JAYASURYA	K. Jayasurya
15	17KT1A0585	KOYYA AJAY KUMAR	K. Ajay Kumar
16	17KT1A0586	KOYYA UMA	k. Uma.
17	17KT1A0587	KURAKULA TIRUMALESH	k. Tirumalesh.
18	17KT1A0588	MAADHU DHEERAJ	Dheeraj
19	17KT1A0589	MAMIDI NAGA PHANI RAM GOPAL	M. Phani
20	17KT1A0590	MOHAMED SHOAIB AHMED	Mt. Shoaib
21	17KT1A0591	MOHAMMAD AMEENA	Md. Ameena.
22	17KT1A0593	MUSINI VENKATA SAI	M. Venkata sai
23	17KT1A0594	N V SAI VINEELA TAMMANA	Vineela. T
24	17KT1A0595	NALLA DHANA NAGA SAI	N. Dhana Sai
25	17KT1A0597	NATARAJANAGA NAVYASRI VENIGALLA	V. Navya Sri
26	17KT1A0598	ODUGU LIKITHA RAJESWARI	Likitha. O
27	17KT1A0599	PAGALA HARISH BABU	P. Harish Babu
28	17KT1A05A0	PATURI MANI PUJITHA	P. Mani Pujitha
29	17KT1A05A1	PEDDIBOINA MOHAN VAMSI	P. Mohan Vamsi
30	17KT1A05A2	PEEKETI NIKITHA REDDY	P. Nikitha
31	17KT1A05A3	PEESA TEJASWI	P. Tejaswi
32	17KT1A05A5	PONNADA PHANINDRA KUMAR	Ponnada Phanindra
33	17KT1A05A6	POTHURI PHANI KUMAR	P. Phani
34	17KT1A05A7	PULIPATI YASWANTH	P. Yaswanth



35	17KT1A05A8	RAJSREE KATUPILLA	
36	17KT1A05B1	SANGAPU LEELA LIKHITA	
37	17KT1A05B2	SHAIK SALMAN	
38	17KT1A05B3	SHAIK ZAHID	
39	17KT1A05B4	SUNNAPU BALA SIVA SAI	
40	17KT1A05B5	SURABHI MANJUSHA	
41	17KT1A05B6	SYED SUHEAL AHAMED	
42	17KT1A05B7	THAI VENKATESH	
43	17KT1A05B8	VUTLA TEJA	
44	17KT1A05B9	YANDURI RAHUL	
45	18KT5A0517	PABBATHI MANASA	
46	18KT5A0518	PANDIRIPALLI SAI LAKSHMI	
47	18KT5A0520	PERAM PRATYUSHA	
48	18KT5A0521	SHAIK KARISHMA	
49	18KT5A0522	SHAIK RIZWANA	
50	18KT5A0523	TATA RAVISAIKRISHNA	
51	18KT5A0524	UPPADA SAI MURTHY	

Above mentioned students participated in Flip class activity.  
Example Questions & discussions done on the following

1. What is software?
2. Different types of software's?
3. Examples of System software?
4. Examples of Application software?
5. Examples of Programming software?
6. What is operating System?
7. What is compiler?
8. What are functionalities of OS?
9. c,c++ and java compilers come under which category of software?
10. OS and compilers comes under which category of softwares?

*G. Padmaja*  
Faculty signature

*AWR*  
HOD-CSE



# PROTOTYPE BUILDING MODELS

Miniature model of Polavaram is built by III Civil students CH.MALLIKA, K.DASU, U.RAMYA SRI.



**POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
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**MINIATURE MODEL - POLAVARAM PROJECT**

**Introduction:** National river-linking project which works under the aegis of Indian ministry of water resources, was designed to overcome the deficit in water in country.

**Location:** Polavaram irrigation project, widely known as polavaram project, is planned on the river Godavari, near ramayyapeta village, polavaram mandal of west Godavari district, AP

**HYDRAULIC PARTICULARS**

Full reservoir level	: +45.72metres(+150.00feet)
Minimum Draw Down level	: +41.15metres(+135.00feet)
Crest Level of Spillway	: +25.72metres(+84.39feet)
ECRF Dam Top bund level	: +54.00metres(+177.16feet)
Gross storage of Reservoir	: 194.60TMC
Live storage	: 75.20TMC
Probable maximum flood discharge	: 50lakh Cusecs
Catchment area	: 3,06,646Sq. Kms

**HEAD WORKS**

**Spillway:** A concrete spillway is proposed on right flank for a length of 1054.4metres with 48 nos.radial gates,each of size 16 metre\*20metres with hydraulic hoist arrangement.

**Earth cum rockfill Dam:** It is proposed across the main river course for a length of 2454metres with a top width of 15metres (GAP-1:564M,GAP-2:1750M&GAP-3:140M) and a diaphragm wall under the ECRF Dam through out the dam portion, with a thickness of 1.5 metres depth varying from 40 metres to 100 metres.

**Hydro electric power house:** A Hydro electric power house of 960MW with 12 nos of vertical Kaplan turbines, each of 80MW capacity is proposed on the left flank of the river.

**Benefits of polavaram project:**  
 Polavaram dam will be the biggest dam dedicated to nation after sadar sarovar dam on narmada river in Gujarat . The storage capacity of polavaram compared to others are:  
 1 polavaram reservoir = 1/2 of Jethal Nagarjuna sagar  
 1 polavaram reservoir = 3/4 of Bhakra dam  
 1 polavaram reservoir = 1.5 times of Tehri dam.

*"One man is equivalent to all creation  
 One man is a world in miniature"*

**" THE ENTIRE STATE IS LOOKING FORWARD TO THE COMPLETION OF LIFE LINE PROJECT AND EAGER TO REAP THE BENEFITS OF IT."**

## WATER SHED MANAGEMENT



KJ

K. Dasu

**PRINCIPAL**  
 Potti Sriramulu Chalavadi Mallikarjuna Rao  
 College of Engineering & Technology  
 Kothabot, VIJAYAWADA-520 001

## Light transmitting concrete



12

Kwlaw

ಶ್ರೀಮತಿ ಉದಯಾ ಮಹಿಷಯ್ಯಾ  
College of Engineering & Technology  
Tatthabet, VIJAYAWADA-520 001





# POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, NEW DELHI and Affiliated to JNTUK, Kakinada  
Sponsored by. SKPVV Hindu High Schools Committee, Estd : 1906

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### DIGITAL COMMUNICATIONS – NPTEL VIDEO LECTURES

1. <https://youtu.be/qQcprmJNluU>
2. <https://youtu.be/WUCMavXbJo4>
3. <https://youtu.be/oFEOryECzug>
4. <https://youtu.be/p6lze5nPzkz>
5. <https://youtu.be/C3srT7bVJrs>
6. <https://youtu.be/REJITsoXOTo>
7. <https://youtu.be/zhkXvllifFw>
8. <https://youtu.be/nvmo9voRiSs>
9. <https://youtu.be/MZHnnyoIP5M>
10. <https://youtu.be/JXXpq0hPNfl>
11. <https://youtu.be/c-KD03cehho>



# ELECTRONIC DEVICES AND CIRCUITS

1. <https://youtu.be/Kp-jS6NHsB8>
2. [https://youtu.be/QDPzZC95L\\_Y](https://youtu.be/QDPzZC95L_Y)
3. <https://youtu.be/NnsrEsGpv1I>
4. <https://youtu.be/7nd6S6TQBTg>
5. [https://youtu.be/-Lm\\_i7a-IM](https://youtu.be/-Lm_i7a-IM)
6. <https://youtu.be/vDTzktB5v1w>
7. [https://youtu.be/GWozd0\\_I0Lk](https://youtu.be/GWozd0_I0Lk)
8. <https://youtu.be/JvZPYh4efLY>
9. <https://youtu.be/0jJbuVR6Cfs>
10. <https://youtu.be/cloSC5wcSFI>





# VIRTUAL LABS



Virtual labs Home > Digital Signal processing virtual laboratory

## Welcome to DSP Virtual Lab!

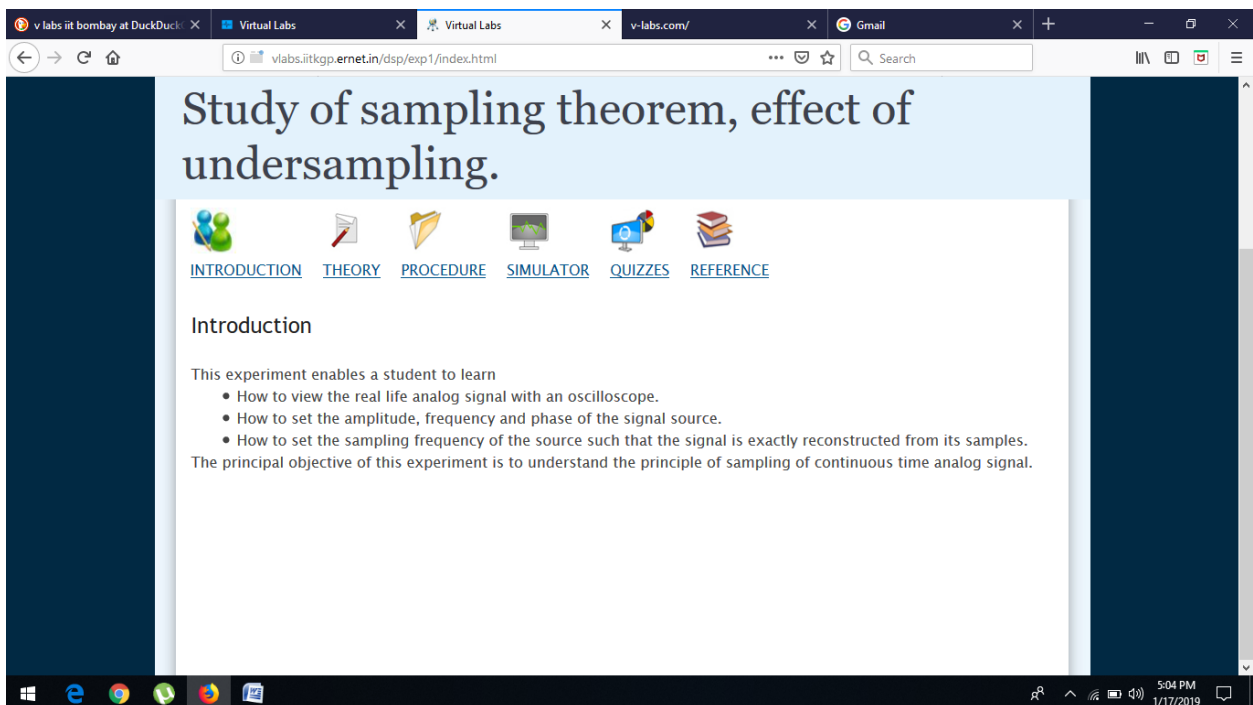
[INTRODUCTION](#) [LIST OF EXPERIMENTS](#) [FAQ](#) [PEOPLE](#) [FEEDBACK](#) [TECHNOLOGY USED](#)

### List of experiments

- [Study of sampling theorem, effect of undersampling.](#)
- [Study of Quantization of continuous-amplitude, discrete-time analog signals.](#)
- [Study of different types of Companding Techniques.](#)
- [Study of properties of Linear time-invariant system.](#)
- [Study of convolution: series and parallel system.](#)
- [Study of Discrete Fourier Transform \(DFT\) and its inverse.](#)
- [Study of Transform domain properties and its use..](#)
- [Study of FIR filter design using window method: Lowpass and highpass filter.](#)
- [Study of FIR filter design using window method: Bandpass and Bandstop filter.](#)
- [Study of Infinite Impulse Response \(IIR\) filter.](#)

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5:03 PM 1/17/2019



## Study of sampling theorem, effect of undersampling.

[INTRODUCTION](#) [THEORY](#) [PROCEDURE](#) [SIMULATOR](#) [QUIZZES](#) [REFERENCE](#)

### Introduction

This experiment enables a student to learn

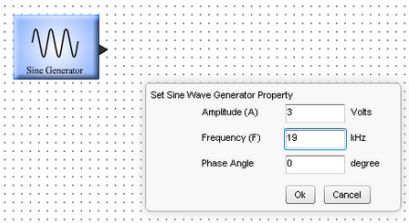
- How to view the real life analog signal with an oscilloscope.
- How to set the amplitude, frequency and phase of the signal source.
- How to set the sampling frequency of the source such that the signal is exactly reconstructed from its samples.

The principal objective of this experiment is to understand the principle of sampling of continuous time analog signal.

5:04 PM 1/17/2019

procedure

1. Click on the Experiment tab **SIMULATOR** it will open the workspace.
2. See the movie in experiment page by pressing help button **?** to understand how the following steps are to be executed.
3. In the workspace click on Browse Blocks **BROWSE BLOCKS**, to understand how the following steps are to be executed.
4. Drag Sinewave Generator in the left side of the workspace. Click it to parameterize the sinusoidal signal output. Make amplitude = 3V, frequency = 19 Hz, phase=0 angle.



5. Drag Sampling Block in the workplace. Place it after Sinewave Generator to its right. Click it to parameterize. Make sampling frequency =40 Hz. It will show no. of sample as 80 for display. The display is conformed for 2 sec.

*Katar*

PRINCIPAL





# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*This certificate is awarded to*

## PAVULURI MANOJ KUMAR

*for successfully completing the course*

## Basic Electrical Circuits

*with a score of 60 %*

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

Jul to Sept 2015  
(20 hour course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras

Roll No: NPTEL15EEED11020215

To validate and check scores: <http://nptel.ac.in/nci/>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

## RAJENDRABABU YADIKI

for successfully completing the course

## Basic Electrical Circuits

with a score of **68 %**

Prof. A. Ramesh  
Chairman

Centre for Continuing Education, IITM

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

Jul to Sept 2015  
(20 hour course)

Prof. Andrew Thangara  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Madras

Roll No: **NPTEL15EE010643012**

To validate and check scores: <http://nptel.ac.in/>



**POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**EXPEDITION on (30-01-2018 to 31-01-2018)**

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9	Students Certificates List
10	Judge Remarks About Projects
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CO-ORDINATOR

(K.NARENDRA)

  
IEI ADVISOR

(V.PRAVEEN)

  
PRINCIPAL

(Dr K.NAGESWARA RAO)

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001

  
HOD-EEE

(Y.RAJENDRA BABU)

HOD-EEE

Potti Sriramulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001.






**POTTI SRIRAMULU CHHALAVADI MALLIKHARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**



Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada  
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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



S.N O	NAME OF THE PROJECT GUIDE	TITLE OF THE PROJECT	LIST OF THE STUDENTS IN THE BATCH	SIGNAT URE OF THE GUIDE
1	K.NARENDRA	OHM'S LAW	G.PAVAN KUMAR (17KT5A0205) S. BHARGAVA REDDY (17KT5A0211) CH.RAJESH(16KT5A0203) K.SWETHA(16KT5A0206) CH.SAI ANUSHA(15KT1A0210)	
2	P.MANOJ KUMAR	FLEMING'S LEFT HAND RULE & ELECTRO MAGNET	B.CHANDRIKA(15KT1A0207) A.DURGA BHAVANI(15KT1A0202) P.KALYANI(15KT1A0234)	
3	P.MANOJ KUMAR	WTRICITY BY USING MUTUAL INDUCTANCE	CH.RAJESH(16KT5A0203) K.SWETHA(16KT5A0206) CH.SAI ANUSHA(15KT1A0210)	







			B.CHANDRIKA(15KT1A0207) A.DURGA BHAVANI(15KT1A0202) P.KALYANI(15KT1A0234)	
4	V.RAJESH	MOTOR PRINCIPLE AND GENERATOR PRINCIPLE	M.TEJASWI(15KT1A0230) R.VINUTHNA(15KT1A0239) P.ANUPAMA(15KT1A0235) SK.AMEER BASHA(15KT1A0244) T.V.S.SAI KRISHNA(15KT1A0251) A.SRINIVASA RAO(15KT1A0205)	
5	K.NARENDRA	SERIES AND PARALLEL CIRCUIT BOARD	G.SRAVANI (16KT1A0215) G. SHANMUKHA PRIYA SAI RAGA (16KT1A0216) S. VISHNU VARDHAN (17KT5A0212)	
6	R.RAJESH	PIEZO ELECTRIC POWER GENERATION FOR DAILY NEEDS	A.SAI DIVYA (15KT1A0201) S.NAVEENA (15KT1A0250) K.VAMSI KRISHNA (15KT1A0221) S.V.CHAMUNDESWARI (15KT1A0241) SK.NEELUFAR (15KT1A0245)	




7	V.PRAVEEN	STRUCTURE OF POWER SYSTEM	G.SRAVANTHI (15KT1A0217) S.GANESH KUMAR (16KT5A0211) CH.DIVYA (15KT1A0209) G.GEETA (15KT1A0216) Y.MALLESH (15KT1A0259) CH.MANIKANTA (15KT1A0211)	
8	K.L.GANESH	SMOKE PRECIPITATOR	S.MANJARI (15KT1A0247) K.RESHMA (15KT1A0226) M.SOWJANYA (15KT1A0228) V.L.PRASANNA (15KT1A0256) S.SONAK SAMANTHA (15KT1A0249) K. DASARATHA RAMAIAH (16KT5A0205)	
9	Y.RAJENDRA BABU	SOLAR BASED MOBILE CHARGER	S.SATYA SAI SARMA (16KT5A0210) M.GANESH PHANEENDRA (15KT1A0229) P.BALASAI (15KT1A0238) CH.MIDHUN KUMAR (15KT1A0212) D.PRASANNANJALI (15KT1A0213)	
10	V.MATTHEW	POWER SAVER	K.NAVYA (15KT1A0225)	


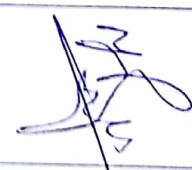


			ZAKIRUNNISA (15KT1A0260) T.PRIYANKA (15KT1A0243) I.PRATHYUSHA (15KT1A0218) B.PAVAN KUMAR (15KT1A0206) V.RAJU NAIK (15KT1A0255)	
11	L.SRUJANA	FAULT ALARM	M.VENKATA TRINADH (16KTS5A0207) CH.PAVANI (16KTS5A0202) R.PAVANI (15KT1A0240) SK.SEEMA BHANU (15KT1A0248) Y.ANIL RAJU (15KT1A0258)	
12	L.SRUJANA	STRUCTURE OF THERMAL POWER PLANT	M.VENKATA TRINADH (16KTS5A0207) CH.PAVANI (16KTS5A0202) R.PAVANI (15KT1A0240) SK.SEEMA BHANU (15KT1A0248) Y.ANIL RAJU (15KT1A0258) K.JAYASRI (15KT1A0223)	
13	B.MADHU KIRAN	HYDAL POWER PLANT MODEL	SHAIK SARIYANAAZ (15KT1A0246) S.SRUTHI (15KT1A0243) P.NAGACHINNA (16KTS5A0208)	


			CH.MANIKANTA(15KTT1A0211) MOHAMMED ZUBEAR(	
14	A.SAI PALLAVI	DISTRIBUTED POWER GENERATION (WIND MILL)	P.SRAVANI LAKSHMI(15KTT1A0237) P.VAMSI(16KTS5A0209) A.NAGENDRA(16KTS5A0201) S.PRAVALLIKA(15KTT1A0242) A.SAI KEERTHI LAKSHMI(15KTT1A0203)	
15	K.NARENDRA	T-BOX POWER GENERATION	P.NAGA CHINNA (16KTS5A0208) B.PAVAN KUMAR(15KTT1A0206) CH.MANIKANTA(15KTT1A0211) B.CHANDRA SEKHAR(15KTT1A0208) A.SAI DIVYA(15KTT1A0201) P.VAMSI(16KTS5A209)	
16	Y.RAJENDRA BABU	WATER LOAD RHEOSTAT	B.LEELANJALI (16KTT1A0204) A.SRINIVASA RAO (15KTT1A0205)	
17	SK.MUSTHAK AHMED	ECO-FRIENDLY AIR COOLER	U.VINAY KUMAR (15KTT1A0254)	



			D.DASHOK (15KT1A0214) P.V.L.KAVERI (15KT1A0233) T.V.L.PRASANNA (15KT1A0219) K.HARSHITH (15KT1A0220) V.HEMADURGA (15KT1A0257)	
18	SK.MUSTHAK AHMED	NATURAL AIR COOLER	U.VINAY KUMAR (15KT1A0254) D.ASHOK (15KT1A0214) P.V.L.KAVERI (15KT1A0233) T.V.L.PRASANNA (15KT1A0219) K.HARSHITH (15KT1A0220) V.HEMADURGA (15KT1A0257)	
19	K.NARENDRA	EARTHING SYSTEM (PIPE EARTHING)	D.SUSANNA (16KT1A0213) M.LOHITHA (16KT1A0222) L.NAGA SAI (15KT1A0227)	
20	K.NARENDRA	GRAVITY BASED POWER GENERATION	CH.MURALI KRISHNA (17KT5A0202) K.AKHIL RAJ (17KT5A0208) S.V. VENKATA RAMYA (16KT1A0241) K. RATHNA SAI TEJA (16KT1A0220)	

21	K.NARENDRA	WATER TAP POWER GENERATION	D. RAMANA NAIK (15KTT1A0215) P. VARAPRASANNA (15KTT1A0232) A. SAI DEEPTHI (15KTT1A0204) K. V. SAI LAKSHMI (15KTT1A0224) B. CHANDRA SEKHAR (15KTT1A0208)	
22	Y. RAJENDRA BABU	SOLAR STREET LIGHT	A. D. THARUN KUMAR (15KTT5A0201) B. SONIA (14KTT1A0210) D. NAGENDRA (14KTT1A0215) N. NA VEENA (14KTT1A0234) R. LIKHITHA (14KTT1A0245)	

  
SIGNATURE OF CO-ORDINATOR  
(K.NARENDRA)

  
~~HOD-EE~~  
(Y. RAJENDRA BABU)



# “టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో” అదరహా

సహ విద్యార్థులను ఆలోచించేసిన నమూనాలు.. సూతన ఆవిష్కరణల వల్ల విద్యార్థుల్లో శక్తి సామర్థ్యాలు పెరుగుతాయి.. కళాశాల అధ్యక్షులు చలవాది మల్లిఖార్జునరావు

పాఠశాల, జనవరి 30(ఆంధ్రపత్రిక ప్రత్యేకం): పాఠశాల, పాఠశాల క్రీడాములు చలవాది మల్లిఖార్జునరావు సహవిద్యార్థుల కళాశాలలో రెండు రోజుల పాటు విద్యార్థులను చేసిన “టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో” (టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో)లో విద్యార్థులు ప్రదర్శించిన 22కు పైగా ప్రాజెక్ట్ నమూనాలు అదరహా అనిపిస్తున్నాయి. ఈ కార్యక్రమంలో విద్యార్థులను ఆలోచించేసిన నమూనాలు అదరహా అనిపిస్తున్నాయి. ఈ కార్యక్రమంలో విద్యార్థులను ఆలోచించేసిన నమూనాలు అదరహా అనిపిస్తున్నాయి.

విద్యార్థులను ఆలోచించేసిన నమూనాలు.. సూతన ఆవిష్కరణల వల్ల విద్యార్థుల్లో శక్తి సామర్థ్యాలు పెరుగుతాయి.. కళాశాల అధ్యక్షులు చలవాది మల్లిఖార్జునరావు



విద్యార్థులు ప్రదర్శించిన నమూనాలు. కళాశాలం, ఎలక్ట్రీకల్ సబ్ కేంద్రం, జలశక్తి ఉత్పత్తి కళాశాలం, శక్తి కారకం దిద్దుబాటు మరియు శక్తి పొందుతుంది. పాఠశాల ప్రాజెక్ట్స్ లైట్, చక్కలు పవర్ హౌస్ లైట్, పాగ్ విద్యుత్ ఉత్పత్తి మరియు పంపు విద్యుత్ ఉత్పత్తి ఎలక్ట్రీకల్ పవర్ ఉత్పత్తి, చీప్ తమ తగ్గించే పరికరం కంటి ఎన్నో నమూనాలు ప్రదర్శనలో ఉన్నాయి.

## విశాలాంధ్ర

### సూతన ఆవిష్కరణలతో విద్యార్థుల్లో సామర్థ్యాలు పెంపు

విశాలాంధ్ర-విజయవాడ (వనోబాస్): పాఠశాల క్రీడాములు చలవాది మల్లిఖార్జునరావు సహవిద్యార్థుల కళాశాలలో రెండు రోజుల పాటు విద్యార్థులను చేసిన “టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో” (టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో)లో విద్యార్థులు ప్రదర్శించిన 22కు పైగా ప్రాజెక్ట్ నమూనాలు అదరహా అనిపిస్తున్నాయి. సూతన ఆవిష్కరణల వల్ల విద్యార్థులను ఆలోచించేసిన నమూనాలు అదరహా అనిపిస్తున్నాయి. పాఠశాల క్రీడాములు చలవాది మల్లిఖార్జునరావు సహవిద్యార్థుల కళాశాలలో రెండు రోజుల పాటు విద్యార్థులను చేసిన “టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో” (టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో)లో విద్యార్థులు ప్రదర్శించిన 22కు పైగా ప్రాజెక్ట్ నమూనాలు అదరహా అనిపిస్తున్నాయి.



అన్నారూ. ప్రాథమిక ధర్మాలు, సూత్రాలపై ఉన్న సందేహాలను విద్యార్థులను నివృత్తి చేశాల ఈ ఎక్స్ పో ఉందని అన్నారు. ఇలాంటి ప్రదర్శనల వలన విద్యార్థుల్లో ఆలోచనశక్తి పెంపొందు తుందని, వారిలో సృజనాత్మక శక్తిని వెలికి తీసేందుకు ప్రయత్నిస్తామన్నారు. ఈ కార్యక్రమంలో విద్యార్థులను ఆలోచించేసిన నమూనాలు అదరహా అనిపిస్తున్నాయి. పాఠశాల క్రీడాములు చలవాది మల్లిఖార్జునరావు సహవిద్యార్థుల కళాశాలలో రెండు రోజుల పాటు విద్యార్థులను చేసిన “టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో” (టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో)లో విద్యార్థులు ప్రదర్శించిన 22కు పైగా ప్రాజెక్ట్ నమూనాలు అదరహా అనిపిస్తున్నాయి.

అకట్టుకున్న ‘టెక్నికల్ ప్రాజెక్ట్స్ ఎక్స్ పో’ అనందరామ సుధాకర్, కోశాధికారి కొత్తమామ వెంకటేశ్వర్లు, రావూరి సుబ్బారావు పాల్గొన్నారు. విద్యార్థులు ప్రదర్శించిన నమూనాలు ప్రకృతి మనరుల ద్వారా రూపొందించిన గురుత్వాకర్షణ ఆధారిత విద్యుత్ ఉత్పత్తి, డి-బ్యాక్ విద్యుత్ ఉత్పత్తి, మంచినీటి పంపు విద్యుత్ ఉత్పత్తి, ఎలక్ట్రీకల్ పవర్ ఉత్పత్తి, వాటర్ విండ్ పవర్ జనరేషన్, అవిరి ఉత్పత్తి కళాశాలం, ఎలక్ట్రీకల్ సబ్-స్టేషన్, జలశక్తి ఉత్పత్తి కళాశాలం, శక్తి కారకం దిద్దుబాటు మరియు శక్తి పొందుతుంది. పాఠశాల ప్రాజెక్ట్స్ లైట్, చక్కలు పవర్ హౌస్ లైట్, పాగ్ విద్యుత్ ఉత్పత్తి మరియు పంపు విద్యుత్ ఉత్పత్తి ఎలక్ట్రీకల్ పవర్ ఉత్పత్తి, చీప్ తమ తగ్గించే పరికరం కంటి ఎన్నో నమూనాలు ప్రదర్శనలో ఉన్నాయి.

## > Vijayawada

# 22 tech projects displayed at 'Expedition' expo

OUR BUREAU

**Vijayawada:** Expedition, a technical project expo organised by the Electrical and Electronic Engineering (EEE) department of Potti Sreeramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology at the college campus here on Tuesday displayed as many as 22 projects designed by the IIIrd year students.

Speaking on the occasion, EEE HoD Prof Y Rajendra Babu said that the main aim of the expo was to create awareness on the fundamental concepts related to various topics like DC generator, DC motor, AC generator, AC motors, transformers, power generation, power transmission and power distribution.



*Students watching the exhibits at Expedition, a technical project expo at Potti Sreeramulu Chalavadi Mallikarjuna College of Engineering in Vijayawada on Tuesday*

He remarked that nine projects explaining, Ohm's theory, Faraday's law, Fleming Left Hand Rule, Fleming Right Hand Rule, Lenz's Law, Coulomb's law, self-induction, mutual induction and conduction were

displayed. Seven projects related to the production of electricity using alternative sources like wind power generation, solar power generation, water tap power generation, gravity-based power generation, T-Box power generation and Piezoelectric power generation were the centre of attraction.

The college principal Dr K Nageswara Rao said that the expo would enhance the creativity among students by giving practical exposure.

The college president, Chalavadi Mallikarjuna Rao, general secretary Gopisetty Malliah, secretary Sriram Radha Krishna Murthy, mentor R Subba Rao and students were present. Prizes were distributed for the best project.



# POTTI SRIRAMULU CHALAVADI MALLIKARJUNA RAO COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada  
Sponsored by: SKPVV Hindu High Schools Committee, Estd: 1906  
Kothapet, Vijayawada - 520001



IN ASSOCIATION WITH  
**The Institution of Engineers (India)**  
**STUDENT CHAPTER**  
(College Code : KT, Branch Code : 02, IEl Chapter Code : EE/PSCE/520001)

## CERTIFICATE OF APPRECIATION

This is to certify that

Mr./Ms. \_\_\_\_\_

of \_\_\_\_\_ B. Tech \_\_\_\_\_ Sem of \_\_\_\_\_ Branch has actively participated in the event :

**“EXPEDITION”**  
**A Technical Project Expo of Electrical Engineering**  
held on **30-01-2018** to **31-01-2018**.

*V. Praveen*  
V. Praveen  
IEI Faculty Advisor

*K. Narendra*  
K. Narendra  
Convener

*Y. Rajendra Babu*  
Y. Rajendra Babu  
HOD EEE

*Dr.K. Nageswara Rao*  
Dr.K. Nageswara Rao  
PRINCIPAL - PSCMRGET

Organized by : Department of Electrical & Electronics Engineering





**POTTI SRINIVASULU CHALAPUDI MALLIKARJUNA RAO**

**COLLEGE OF ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

# **EXPEDITION**

**A Technical Project Expo of Electrical Engineering**

**IN ASSOCIATION WITH**

**The Institution of Engineers (India)  
STUDENT CHAPTER**

(College Code : KT, Branch Code : 02, IEI Chapter Code : EE/PSCE/520001)

**Date: 30-01-18**

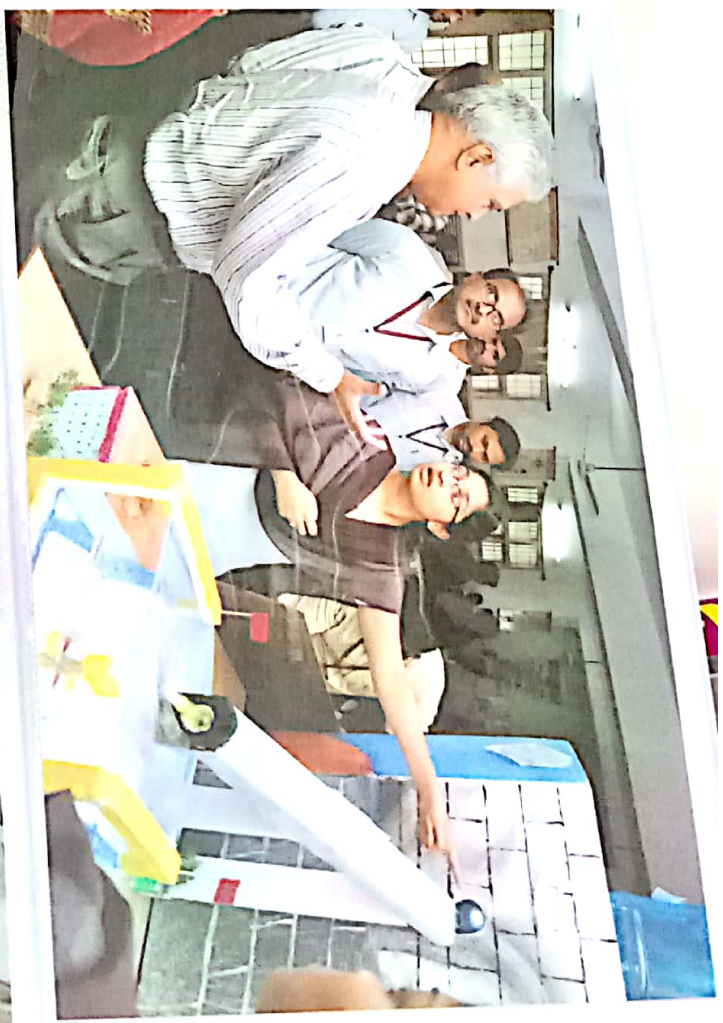
4 IVDI and capacitance group - characteristics and Calibration  
 9 Resistance strain gauge - strain measurements and Calibration  
 10 Dielectric oil testing using M 1 Testing kit



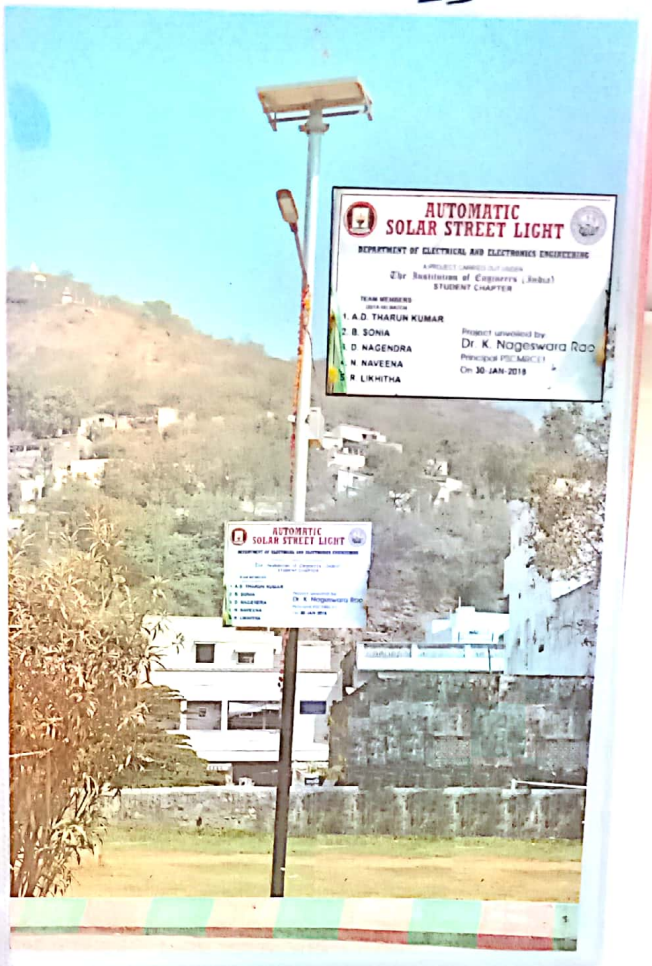
5 Capacitance Measurement Using Potentiometer  
 6 Inductance of 1/2 watt resistor with 100 ohm tolerance  
 7 Impedance for balanced starling  
 8 IVDI and capacitance group - Characteristics and Calibration  
 9 Resistance strain gauge - strain measurements and Calibration  
 10 Dielectric oil testing using M 1 Testing kit



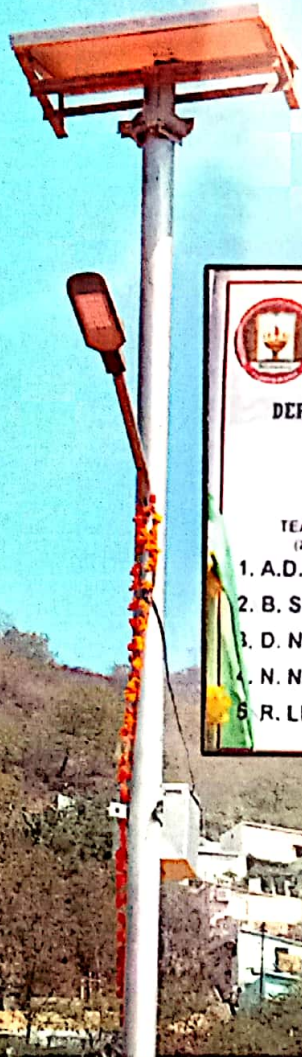












**AUTOMATIC SOLAR STREET LIGHT**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

A PROJECT CARRIED OUT UNDER  
The Institution of Engineers (India)  
STUDENT CHAPTER

TEAM MEMBERS  
(2014-15) BATCH

1. A.D. THARUN KUMAR
2. B. SONIA
3. D. NAGENDRA
4. N. NAVEENA
5. R. LIKHITHA

Project unveiled by:  
**Dr. K. Nageswara Rao**  
Principal PSCMRCEI  
On 30-JAN-2018

**AUTOMATIC SOLAR STREET LIGHT**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

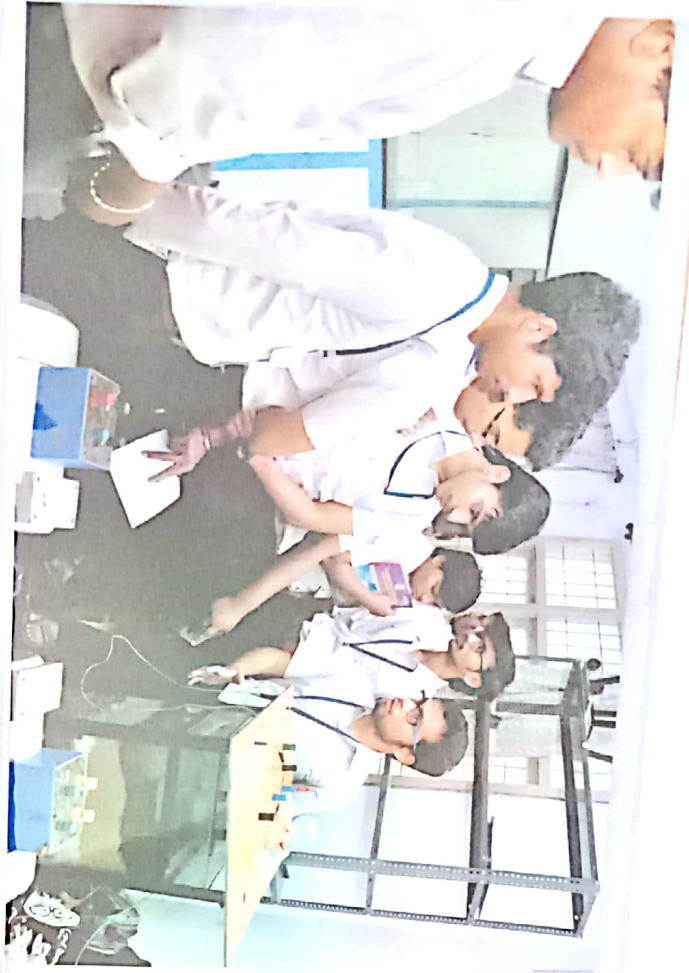
A PROJECT CARRIED OUT UNDER  
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STUDENT CHAPTER

TEAM MEMBERS  
(2014-15) BATCH

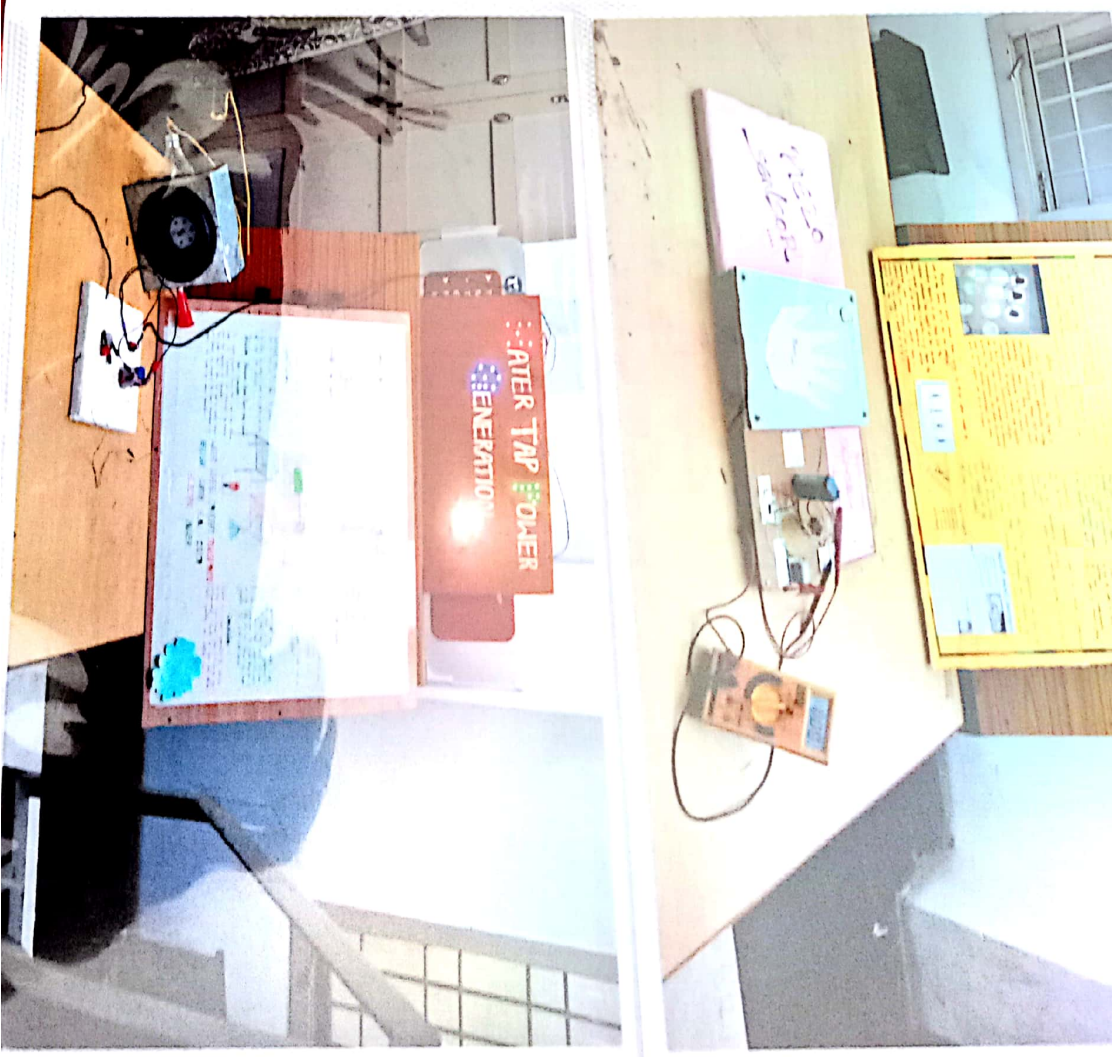
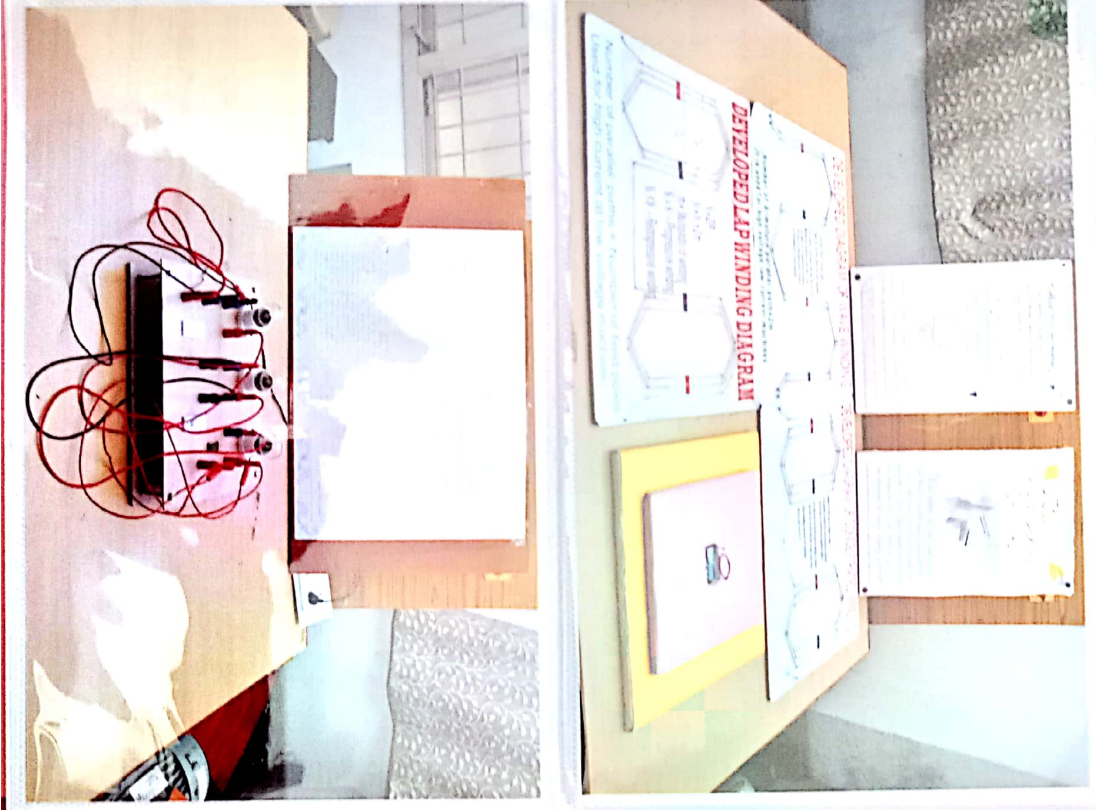
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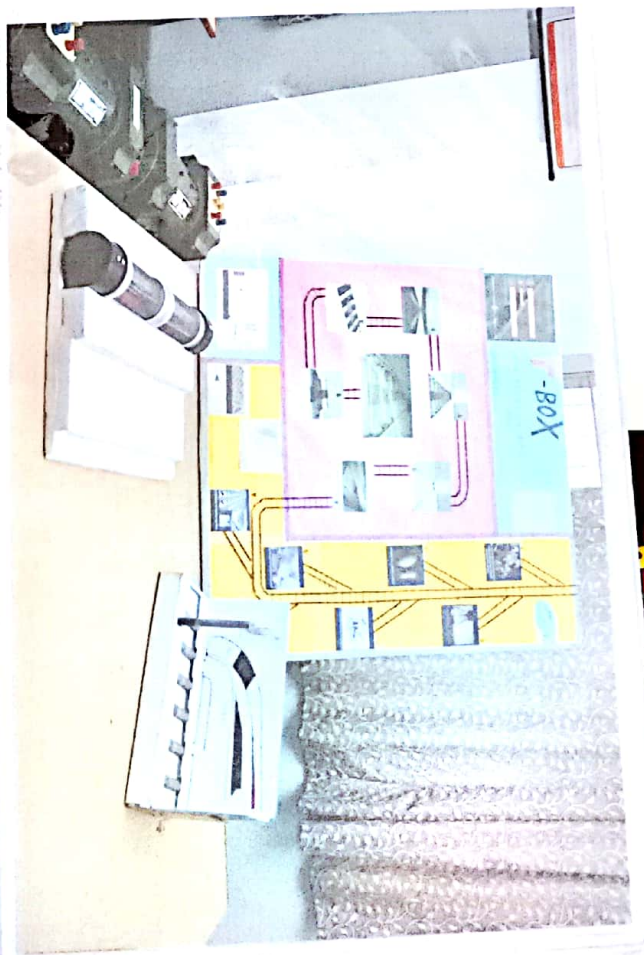
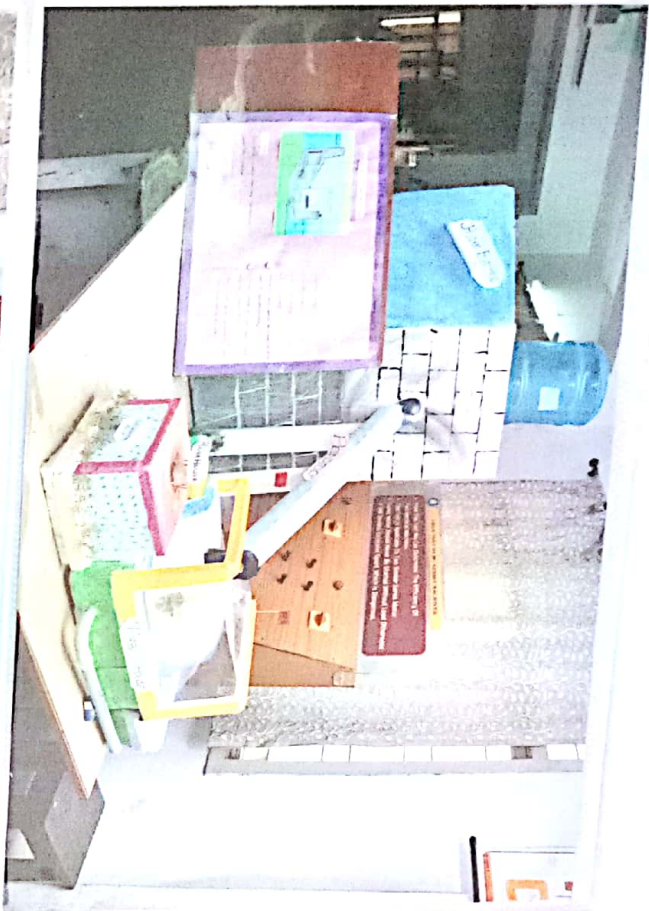














**POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO COLLEGE OF  
ENGINEERING AND TECHNOLOGY**  
LIST OF VIDEOS DOWNLOADED

Academic Year : 2018-19  
Year & Semester : IV-I  
Branch : EEE  
Subject Code & Name : INSTRUMENTATION  
Name of Faculty : SAI PALLAVIA

s.no	Room no	Year and sem	Topic covered
1	115	IV-I	Introduction and Performance Index(NPTEL)
2	115	IV-I	Dynamic Characteristics(NPTEL)
3	115	IV-I	STATIC AND DYNAMIC CHARACTERISTICS (PPT)
4	115	IV-I	Construction and Working LVDT (NPTEL)
5	115	IV-I	LVDT(PPT)
6	115	IV-I	LVDT(NPTEL)
7	115	IV-I	Strain gauge(NPTEL)
8	115	IV-I	Synchro (NPTEL)
9	115	IV-I	Piezoelectric Transducers(NPTEL)
10	115	IV-I	Thermistor(NPTEL)
11	115	IV-I	MEASUREMENT OF TEMP(PPT)
12	115	IV-I	Digital Frequency Meter (NPTEL)
13	115	IV-I	Integrating Type DVM Block (NPTEL)
14	115	IV-I	Cathode Ray Oscilloscope(PPT)
15	115	IV-I	Cathode Oscilloscope Block Diagram(NPTEL)

  
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LIST OF VIDEOS**

Academic Year : 2017-18  
Year & Semester : II-II  
Branch : EEE  
Subject Code & Name : ELECTRICAL MEASUREMENTS  
Name of Faculty : SAI PALLAVI.A

s.no	Room no	Year and sem	Topic covered
1	222	II-II	<a href="https://www.youtube.com/watch?v=8jDCGHSEvg">https://www.youtube.com/watch?v=8jDCGHSEvg</a> SLIDE WIRE DC POTENTIOMETER
2	222	II-II	<a href="https://www.youtube.com/watch?v=ZtBKC6WSjD0">https://www.youtube.com/watch?v=ZtBKC6WSjD0</a> PMMC
3	222	II-II	<a href="https://www.youtube.com/watch?v=TBvEgPMQLW0">https://www.youtube.com/watch?v=TBvEgPMQLW0</a> ANDERSONS BRIDGE
4	222	II-II	<a href="https://www.youtube.com/watch?v=4nD4JaikrNM">https://www.youtube.com/watch?v=4nD4JaikrNM</a> RAMP TYPE DVM
5	222	II-II	<a href="https://www.youtube.com/watch?v=TuEq5QKNDIQ">https://www.youtube.com/watch?v=TuEq5QKNDIQ</a> DUAL SLOPE INTEGRATION TYPE DVM
6	222	II-II	<a href="https://www.youtube.com/watch?v=u0ambJM-hes">https://www.youtube.com/watch?v=u0ambJM-hes</a> WESTON TYPE SYNCHROSCOPE
7	222	II-II	<a href="https://www.youtube.com/watch?v=OYrFOoRaMOE">https://www.youtube.com/watch?v=OYrFOoRaMOE</a> BALLASTIC GALVANOMETER

*ksrao*

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## MBA - NPTEL VIDEOS

### PRICIPLES OF MANAGEMENT

1. <https://youtu.be/TsZukmeaewc?list=PLF1DBCAC25C2BC963>
2. <https://youtu.be/TsZukmeaewc?list=PLF1DBCAC25C2BC963>
3. <https://youtu.be/TsZukmeaewc?list=PLF1DBCAC25C2BC963>
4. <https://youtu.be/p8LxBQDPvAQ?list=PLF1DBCAC25C2BC963>
5. <https://youtu.be/UEXrsZ3vkx0?list=PLF1DBCAC25C2BC963>
6. <https://youtu.be/UEXrsZ3vkx0?list=PLF1DBCAC25C2BC963>
7. <https://youtu.be/eCLHtfMbFP4?list=PLD7907110EBA3B4DD>
8. <https://youtu.be/Dw5GFTj176w>
9. <https://youtu.be/lqC2cfwlllg?list=PLF1DBCAC25C2BC963>
10. <https://youtu.be/PHDHITqX5Bg?list=PLF1DBCAC25C2BC963>
11. <https://youtu.be/mtC3slguqE4>
12. <https://youtu.be/f2kbBgVwmw8?list=PLF1DBCAC25C2BC963>
13. <https://youtu.be/iokoFEI19t4?list=PLF1DBCAC25C2BC963>
14. <https://youtu.be/aCi3pBHvYBE?list=PLF1DBCAC25C2BC963>
15. [https://youtu.be/FnZOxSOB\\_hU](https://youtu.be/FnZOxSOB_hU)
16. <https://youtu.be/JO8t6F-LReM?list=PLF1DBCAC25C2BC963>
17. [https://youtu.be/Xy2xtQU\\_dPI?list=PLF1DBCAC25C2BC963](https://youtu.be/Xy2xtQU_dPI?list=PLF1DBCAC25C2BC963)
18. [https://youtu.be/Xy2xtQU\\_dPI?list=PLF1DBCAC25C2BC963](https://youtu.be/Xy2xtQU_dPI?list=PLF1DBCAC25C2BC963)
19. <https://youtu.be/1ukZb6bjJR>
19. <https://youtu.be/PHDHITqX5Bg?list=PLF1DBCAC25C2BC963>
20. [https://youtu.be/ZT6fng2b\\_LE](https://youtu.be/ZT6fng2b_LE)
21. <https://youtu.be/aJcx3n90DEM>

### Managerial Economics

1. <https://youtu.be/yCyMktNFZ88?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
2. [https://youtu.be/ytQxam0\\_Hns?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg](https://youtu.be/ytQxam0_Hns?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg)
3. <https://youtu.be/6Ew371BlHvg?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
4. <https://youtu.be/zNbCYc4n1-s?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
5. <https://youtu.be/E3EGZW8Hac4?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
6. <https://youtu.be/95X89T8OEUE?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
7. <https://youtu.be/axraEvm0orA?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
8. <https://youtu.be/axraEvm0orA?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
9. <https://youtu.be/lfpivfa606A?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
10. [https://youtu.be/7zpBnwHDe\\_k?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg](https://youtu.be/7zpBnwHDe_k?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg)



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11. <https://youtu.be/TrhxBIT3ttY?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
12. [https://youtu.be/qmq\\_Tqhy23E?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg](https://youtu.be/qmq_Tqhy23E?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg)
13. <https://youtu.be/sw6H-X-vGOY?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
14. [https://youtu.be/K\\_4xLHZcqDI?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg](https://youtu.be/K_4xLHZcqDI?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg)
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16. <https://youtu.be/VU1zySe-8NA?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
17. <https://youtu.be/fMjLs0LQzpE?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
18. <https://youtu.be/HLCBEJM2y7M?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg>
19. [https://youtu.be/KY\\_AbmOGvPg?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg](https://youtu.be/KY_AbmOGvPg?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg)
20. [https://youtu.be/KY\\_AbmOGvPg?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg](https://youtu.be/KY_AbmOGvPg?list=PLPjSqlTyvDeV84Qiruw4xVWGQPTctrlhg)
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### Accounting for Managers

1. [https://youtu.be/OT5RdoJakhY?list=PLPjSqlTyvDeUTeAOGhip\\_ubjN3y8oqT13](https://youtu.be/OT5RdoJakhY?list=PLPjSqlTyvDeUTeAOGhip_ubjN3y8oqT13)
2. [https://youtu.be/eUMwwp5zDW0?list=PLbMVogVj5nJT-3\\_c06KRCY6cwCYoZzOnl](https://youtu.be/eUMwwp5zDW0?list=PLbMVogVj5nJT-3_c06KRCY6cwCYoZzOnl)
3. <https://youtu.be/BpC3NHMZHV0>
4. [https://youtu.be/qNo5kbn75X8?list=PLbMVogVj5nJT-3\\_c06KRCY6cwCYoZzOnl](https://youtu.be/qNo5kbn75X8?list=PLbMVogVj5nJT-3_c06KRCY6cwCYoZzOnl)
5. [https://youtu.be/f53E09ab2k0?list=PLbMVogVj5nJT-3\\_c06KRCY6cwCYoZzOnl](https://youtu.be/f53E09ab2k0?list=PLbMVogVj5nJT-3_c06KRCY6cwCYoZzOnl)
6. [https://youtu.be/aL5UFu6Qtes?list=PLbMVogVj5nJT-3\\_c06KRCY6cwCYoZzOnl](https://youtu.be/aL5UFu6Qtes?list=PLbMVogVj5nJT-3_c06KRCY6cwCYoZzOnl)
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15. [https://youtu.be/OAyOo9bKSJw?list=PLbMVogVj5nJT-3\\_c06KRCY6cwCYoZzOnl](https://youtu.be/OAyOo9bKSJw?list=PLbMVogVj5nJT-3_c06KRCY6cwCYoZzOnl)
16. [https://youtu.be/Ookl5eY19tY?list=PLbMVogVj5nJT-3\\_c06KRCY6cwCYoZzOnl](https://youtu.be/Ookl5eY19tY?list=PLbMVogVj5nJT-3_c06KRCY6cwCYoZzOnl)
17. [https://youtu.be/ZnT6hh9RIAg?list=PLbMVogVj5nJT-3\\_c06KRCY6cwCYoZzOnl](https://youtu.be/ZnT6hh9RIAg?list=PLbMVogVj5nJT-3_c06KRCY6cwCYoZzOnl)

### Managerial Communication & Soft Skills

1. [https://youtu.be/CupJ3\\_HWMWk](https://youtu.be/CupJ3_HWMWk)
2. <https://youtu.be/hiOO8L031PY>
3. <https://youtu.be/y-IPi4KMArQ>
4. <https://youtu.be/xBaLgJZ0t6A>
5. [https://youtu.be/Sg7Q\\_dC\\_fWU?list=PLPuC5CMHiqmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/Sg7Q_dC_fWU?list=PLPuC5CMHiqmuzq_KQ4aw0V9Q7xJY6aezb)
6. [https://youtu.be/CQ6D\\_bxZyXg?list=PLPuC5CMHiqmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/CQ6D_bxZyXg?list=PLPuC5CMHiqmuzq_KQ4aw0V9Q7xJY6aezb)
7. [https://youtu.be/ekFRWnPV6lc?list=PLPuC5CMHiqmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/ekFRWnPV6lc?list=PLPuC5CMHiqmuzq_KQ4aw0V9Q7xJY6aezb)





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8. [https://youtu.be/d27bn5k9Mjw?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/d27bn5k9Mjw?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
9. [https://youtu.be/d27bn5k9Mjw?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/d27bn5k9Mjw?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
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11. [https://youtu.be/ymLFJDpjcK?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/ymLFJDpjcK?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
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15. [https://youtu.be/EZgCnLVJVmA?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/EZgCnLVJVmA?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
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17. [https://youtu.be/pk-JSWtd4q4?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/pk-JSWtd4q4?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
18. [https://youtu.be/4XfgQBvdLiM?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/4XfgQBvdLiM?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
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20. [https://youtu.be/X7NDvkKGNJA?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/X7NDvkKGNJA?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
21. [https://youtu.be/Ggli7EkEc-M?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/Ggli7EkEc-M?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
22. [https://youtu.be/6YcABQvg53E?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/6YcABQvg53E?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)
23. [https://youtu.be/Q6mJHp4oskY?list=PLPuC5CMHigmuzq\\_KQ4aw0V9Q7xJY6aezb](https://youtu.be/Q6mJHp4oskY?list=PLPuC5CMHigmuzq_KQ4aw0V9Q7xJY6aezb)

### **Business Environment**

1. <https://youtu.be/OgEigAORGuU>
2. <https://youtu.be/AzDHCyboKqY>
3. <https://youtu.be/eGNW2AiTpsU>
4. <https://youtu.be/5ANb9nLpuyY>
5. <https://youtu.be/5ANb9nLpuyY>
6. <https://youtu.be/ghn4CZNHeNo>
7. <https://youtu.be/u7uqQYW4zc4>
8. <https://youtu.be/LSFl8pUbjtQ>
9. [https://youtu.be/du\\_nAU6D41s](https://youtu.be/du_nAU6D41s)
10. <https://youtu.be/y1Vt3l6thu8>

### **Quantitative Techniques for Business Decisions**

1. [https://youtu.be/KaLA1cWhQIA?list=PLLy\\_2iUCG87BLKI8eiSe4fHKdE2\\_j2B\\_T](https://youtu.be/KaLA1cWhQIA?list=PLLy_2iUCG87BLKI8eiSe4fHKdE2_j2B_T)



## POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY

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D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.

Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

2. <https://youtu.be/uzMcMGzciH8>
3. <https://youtu.be/xHYi14VktKs>
4. <https://youtu.be/MXTsSXla4i0>
5. <https://youtu.be/mrCrjegJv6U?list=PLbMVogVj5nJQWowhOG0-K-yl-bwRRmm3C>
6. <https://youtu.be/rgQR-zCbARE>
7. <https://youtu.be/KMDog0JS7CI>
8. <https://youtu.be/pMm5Tnupegl>

PRINCIPAL

Potti Srinamulu Chalavadi Mallikharjuna Rao  
College of Engineering & Technology  
Kothapet, VIJAYAWADA-520 001



NPTEL Courses :



Department of Computer Science & Engineering

A.Y.:2018-19

FACULTY NPTEL COURSE COMPLETION

S.NO	NAME	COURSE	DURATION	SCORE
1	PADMAJA GRANDHE	Introduction to R Software	Jul-Oct 2018	89%
2	Ch.Bala Vijaya Durga	Introduction to Programming in C	Jul-Oct 2018	88%
3	P Sri Silpa	Introduction to IOT	Jul-Oct 2018	67%
4	S Krishna Kishore	Introduction to IOT	Jul-Oct 2018	74%

HOD SIGNATURE  
Professor  
Dept. of Computer Science & Engineering

PRINCIPAL  
POTTI SRIRAMULU CHALAVADI MALLIKARJUNARAO  
COLLEGE OF ENGINEERING & TECHNOLOGY,  
KOTIREDDY, VIJAYAWADA-520 001

PRINCIPAL



Roll No:NPTEL18CS33S22140454

To  
POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA  
RAO COLLEGE OF ENGINEERING AND  
TECHNOLOGY  
VIJAYAWADA

Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

11/371



No. of credits recommended by NPTEL:2

**Elite**



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**CH BALA VIJAYA DURGA**

for successfully completing the course

**Introduction to Programming in C**

with a consolidated score of **88 %**

Online Assignments	25/25	Proctored Exam	63/75
--------------------	-------	----------------	-------

*T V Prabhakar*  
Prof. T. V. Prabhakar  
Chairman  
Center for Continuing Education, IITK

Total number of candidates certified in this course: 3925

**Aug-Oct 2018**  
(8 week course)



*Satyaki Roy*  
Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18CS33S22140454

To validate and check scores: <http://npTEL.ac.in/noc>



  
 Roll No: NPTEL18C552511930254

To

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA  
 RAO COLLEGE OF ENGINEERING AND  
 TECHNOLOGY  
 VIJAYAWADA



Score	Type of Certificate
≥ 90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
< 40	No Certificate

No. of credits recommended by NPTEL: 2



**Elite**

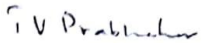
# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PADMAJA GRANDHE**  
 for successfully completing the course  
**Introduction to R Software**  
 with a consolidated score of **89 %**

Online Assignments	24.17/25	Proctored Exam	64.5/75
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 Prof. T. V. Prabhakar  
 Chairman  
 Center for Continuing Education, IITK

Total number of candidates certified in this course: 2009

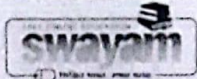
Aug-Sep 2018  
 (8 week course)

  
 PRINCIPAL  
 POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
 COLLEGE OF ENGINEERING & TECHNOLOGY  
 VIJAYAWADA-520 019

  
 Prof. Satyaki Roy  
 NPTEL Coordinator  
 IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL18C552511930254

To validate and check scores: <http://npTEL.ac.in/noc>



**POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
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**Department of Computer Science & Engineering**

**A.Y.:2017-18**

**STUDENT NPTEL COURSE COMPLETION**

S.NO	NAME	ROLL NO	COURSE	DURATION	SCORE
1	NAGANDLA LEELA PAVAN KUMAR	16KT1A0558	Programming, Data Structures and Algorithms using Python	Jul-Sep 2017	75%

HOD SIGNATURE

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COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPET, VIJAYAWADA-520 001

PRINCIPAL





Roll No: NPTEL17CS2852760061

To  
POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA  
RAO COLLEGE OF ENGINEERING AND  
TECHNOLOGY  
VIJAYAWADA

Score	Type of Certificate
>=90	Elite + Gold Medal
60-89	Elite
40-59	Successfully Completed the course
<40	No Certificate

No. of credits recommended by NPTEL:2



**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**NAGANDLA LEELA PAVAN KUMAR**  
 for successfully completing the course  
**Programming, Data Structures And Algorithms  
 Using Python**  
 with a consolidated score of **75 %**

Online Assignments	22.88/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 3930

*A. Ram*  
 Prof. A. Ramesh  
 Chairman  
 Centre for Continuing Education, IITM

Jul-Sep 2017  
(8 week course)

*K. S. Rao*  
 PRINCIPAL  
 POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
 COLLEGE OF ENGINEERING & TECHNOLOGY  
 KOTHAPATI, VIJAYAWADA-520 004

*Thirumala*  
 Prof. Andrew Thangaraj  
 NPTEL Coordinator  
 IIT Madras



Indian Institute of Technology Madras

In partnership with  
**NASSCOM**

Roll No: NPTEL17CS2852760061

To validate and check scores: <http://npTEL.ac.in/noc>



**POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY**

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Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Department of Computer Science & Engineering  
A.Y.:2017-18  
FACULTY NPTEL COURSE COMPLETION

S.NO	NAME	COURSE	DURATION	SCORE
1	SAJJA KRISHNA KISHORE	Cloud Computing	Jan-Apr 2018	41%

  
HOD SIGNATURE

  
PRINCIPAL  
POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPET, VIJAYAWADA-520 001

PRINCIPAL



# NPTEL Online Certification


(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**SAJJA KRISHNA KISHORE**  
for successfully completing the course  
**Cloud Computing**  
with a consolidated score of **41 %**

Online Assignments	10.75/25	Proctored Exam	30/75
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PRINCIPAL  
POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
COLLEGE OF ENGINEERING & TECHNOLOGY  
KOTHAPET, VIJAYAWADA-520 001

  
Prof. Anupam Basu  
NPTEL Coordinator  
IIT Kharagpur

Total number of candidates certified in this course: **1603**

Feb-Mar 2018  
(8 week course)

**A. Goswami**  
Prof. Adrijit Goswami  
Dean  
Continuing Education, IIT Kharagpur

Indian Institute of Technology Kharagpur







**POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO  
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**Department of Computer Science & Engineering**

**A.Y.:2015-16**

**FACULTY NPTEL COURSE COMPLETION**

S.NO	NAME	COURSE	DURATION	SCORE
1	B SRIKANTH	Design and Analysis of Algorithms	Jan-Mar 2016	76%
2	NAVYA SREE VANGALA	Design and Analysis of Algorithms	Jan-Mar 2016	70%
3	PADMAJA GRANDHE	Design and Analysis of Algorithms	Jan-Mar 2016	76%
4	SAJJA KRISHNA KISHORE	Introduction to Research	Jan-Mar 2016	55%
5	V.S.R.K PRASAD G	Introduction to programming in C	Jul-Sep 2015	50%
6	I MURALI KRISHNA	Introduction to programming in C	Jul-Sep 2015	93%
7	RAMBABU GOLLAPUDI	Introduction to programming in C	Jul-Sep 2015	83%
8	PONNAMANDA SIVA BHAVANI	Digital Circuits and Systems	April-July 2015	66%

HOD SIGNATURE

PRINCIPAL



Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

## RAMBABU GOLLAPUDI

for successfully completing the course

# Introduction to Programming in C

with a score of **83 %**

*T V Prabhakar*

Prof. T. V. Prabhakar

Chairman

Centre for Continuing Education, IITK

20 hour course

*Kolao*

PROFESSOR  
Puri Srinivasu Srinivasu Srinivasu Rao  
College of Engineering & Technology  
Kothapeta, VIJAYAWADA-520 004

Prof. Andrew Thangaraj

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Kanpur

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Aricent

In partnership with

NASSCOM®

Roll No: NPTEL15CS151343045

To validate and check scores: <http://nptel.ac.in/noc>

Jul to Sept 2015





Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

## IMMADI MURALI KRISHNA



for successfully completing the course

# Introduction to Programming in C

with a score of **93 %**

*T V Prabhakar*  
Prof. T. V. Prabhakar  
Chairman  
Centre for Continuing Education, IITK

20 hour course

*K. S. Rao*  
PRINCIPAL  
K. S. Ramaniah Murthy Memorial Hall  
College of Engineering & Technology  
Kothurpet, VIJAYAVADA-520 004

*Andrew Thangaraj*  
Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Indian Institute of Technology Kanpur

Course sponsored by  
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In partnership with  
**NASSCOM**

Roll No: NPTEL15CS151343044

To validate and check scores: <http://nptel.ac.in/noc>

Jul to Sept 2015



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Kothapeta, Vijayawada-520001 (A. P.)

Department of Mechanical Engineering

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[https://www.youtube.com/watch?v=uZCp\\_uQFaBU](https://www.youtube.com/watch?v=uZCp_uQFaBU)

<https://www.youtube.com/watch?v=CkK90CVARM>

<https://www.youtube.com/watch?v=Mpfj6AH4V18>

<https://www.youtube.com/watch?v=bHTRmTQDZzg>

<https://www.youtube.com/watch?v=jv4bA5UexjU>

<https://www.youtube.com/watch?v=sfjK1GZ2W9A>

<https://www.youtube.com/watch?v=QOIqpG40oaM>

[https://www.youtube.com/watch?v=7oR\\_l8nXdmo](https://www.youtube.com/watch?v=7oR_l8nXdmo)

<https://www.youtube.com/watch?v=UjvUyXGAjoo>

[https://youtu.be/8Hn\\_UMNqFmQ](https://youtu.be/8Hn_UMNqFmQ)

<https://youtu.be/EqpdPc7urGQ>

<https://youtu.be/fEvo5jarIW4>

<https://www.youtube.com/watch?v=Ej-GWNPYFVM>

<https://www.youtube.com/watch?v=L1D5DLWWMp8>

<https://www.youtube.com/watch?v=sIEqXbXpfg>

<https://www.youtube.com/watch?v=yXtu4-YEtio>

<https://www.youtube.com/watch?v=s3gYgMJkKMc>

[https://www.youtube.com/watch?v=LMNtVK7\\_wRY](https://www.youtube.com/watch?v=LMNtVK7_wRY)

<https://www.youtube.com/watch?v=IdPTuwKEfmA>

<https://www.youtube.com/watch?v=nxvav0Ijd4E>

<https://www.youtube.com/watch?v=k0BLOKEZ3KU>

[https://www.youtube.com/watch?v=6\\_n\\_DSJNFk](https://www.youtube.com/watch?v=6_n_DSJNFk)

<https://www.youtube.com/watch?v=ACsy6xSIBm8&t=9s>





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Department of Mechanical Engineering

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<https://www.youtube.com/watch?v=AwL1CAg43PU>

[https://www.youtube.com/watch?v=2cdc\\_QtsYo](https://www.youtube.com/watch?v=2cdc_QtsYo)

<https://www.youtube.com/watch?v=XTU0Z-FkhtU>

<https://www.youtube.com/watch?v=SKN3WllWwXo>

<https://www.youtube.com/watch?v=Y75IQksBb0M>

<https://www.youtube.com/watch?v=P0vE1oJNAjM>

<https://www.youtube.com/watch?v=-8KVdZIoNRQ&t=322s>

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College of Engineering & Technology  
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