




Participative Learning

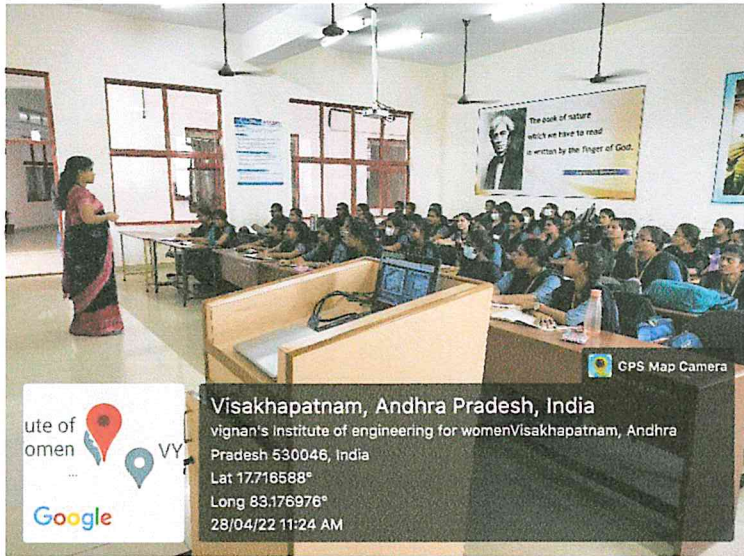
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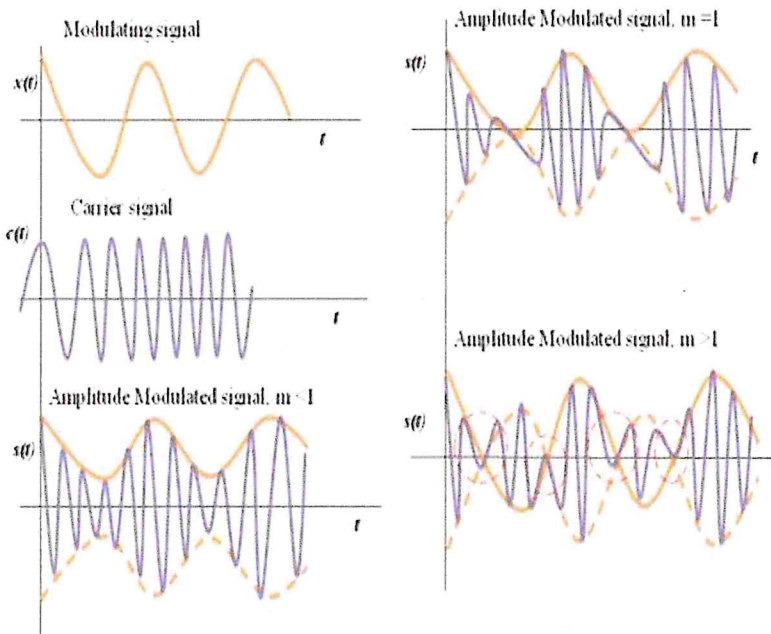
INTERACTIVE INSTRUCTIONAL STRATEGIES:



Traditional Classroom Instruction

Single-Tone AM (Time-domain Representation)

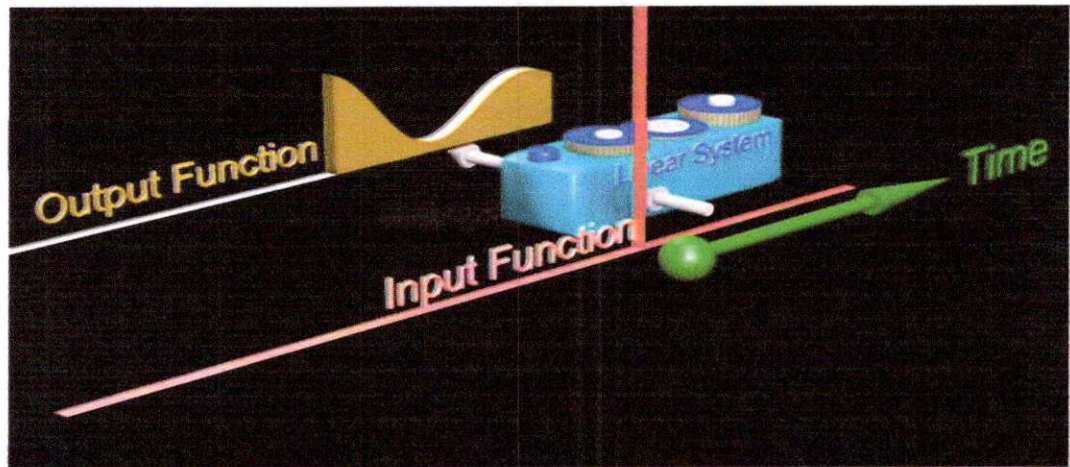
Graphical Representation:



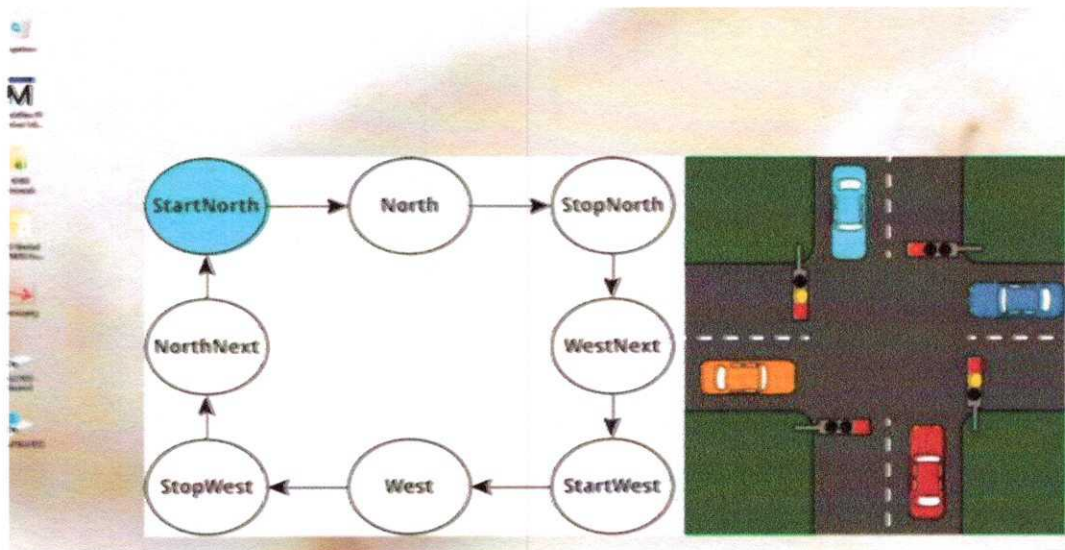
Content Delivery through PPTs for Analog Communication Course



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Instruction through Animations for Signals & Systems Course



Instruction through Video Lectures for Embedded Systems Course

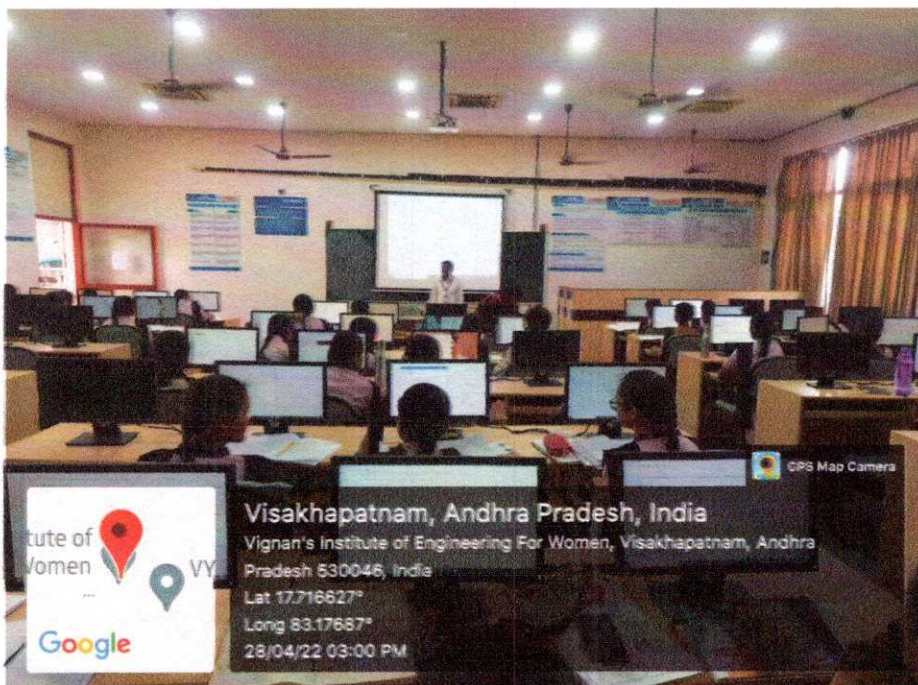


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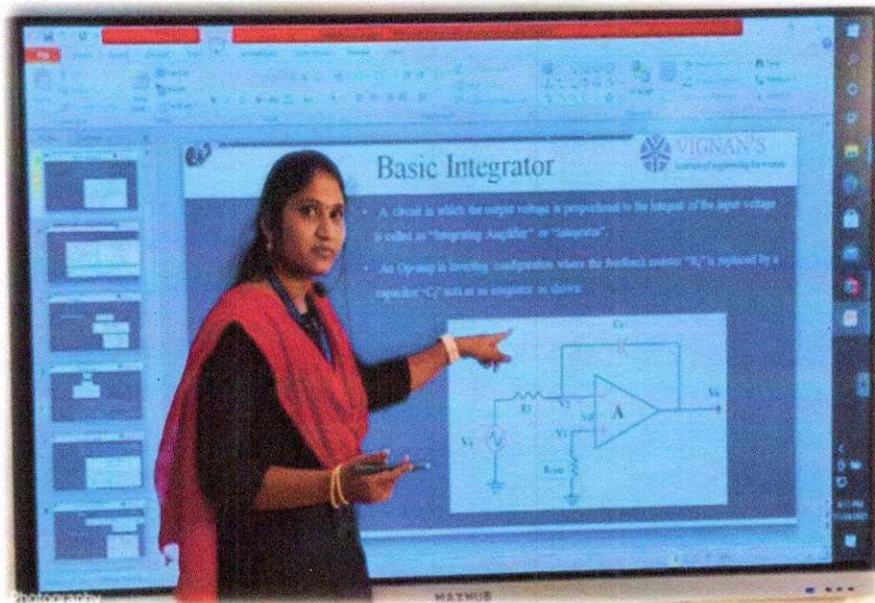
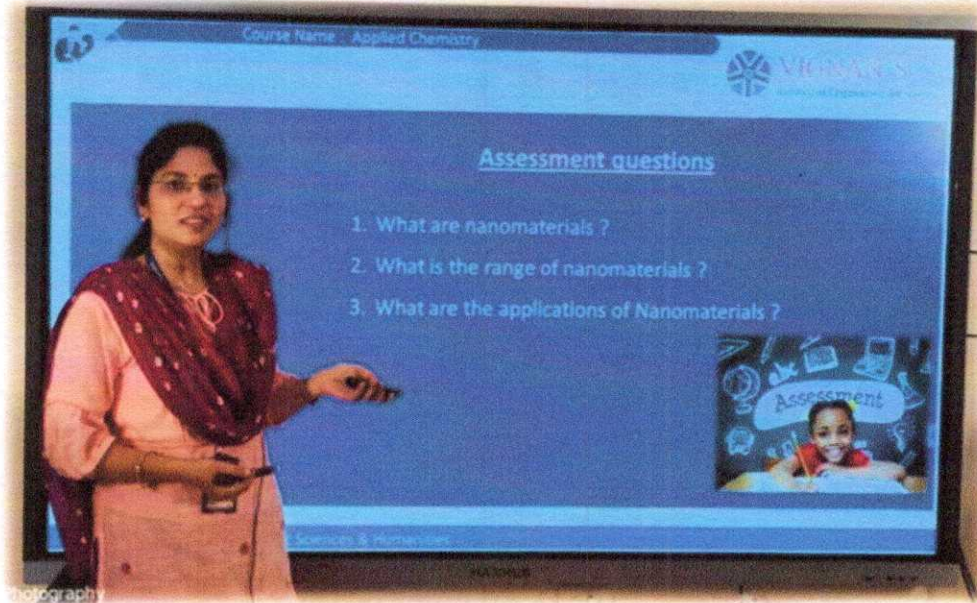
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Instruction through ICT Classrooms & Labs



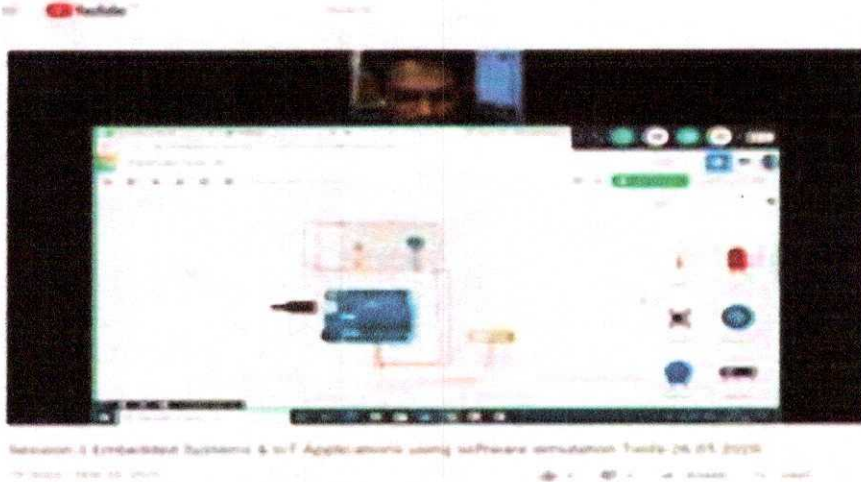
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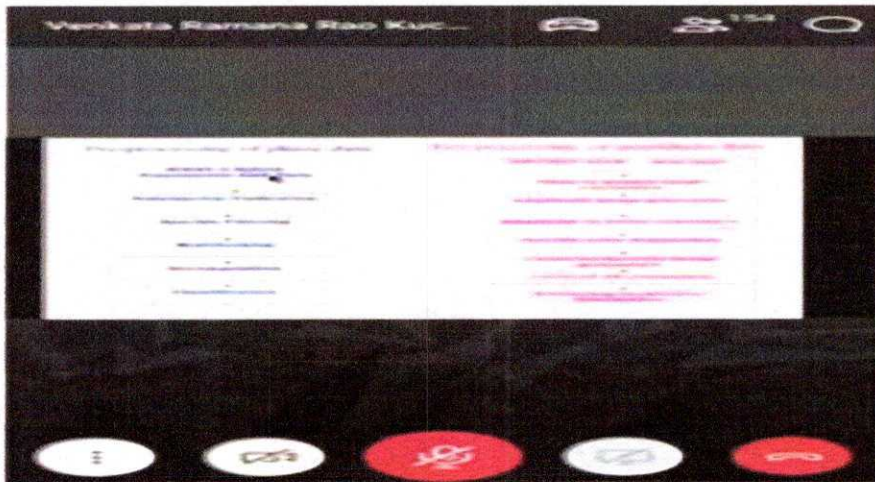
Instruction through Smart Boards



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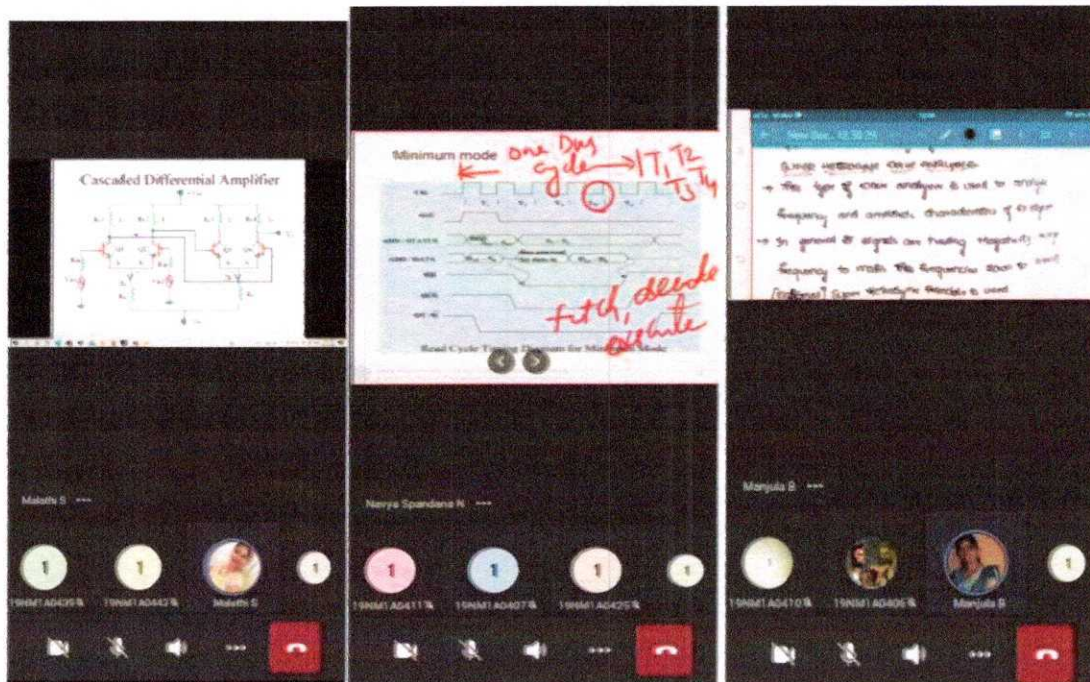
Instruction through CAMTASIA 9



Instruction through WEBEX

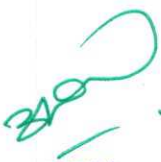


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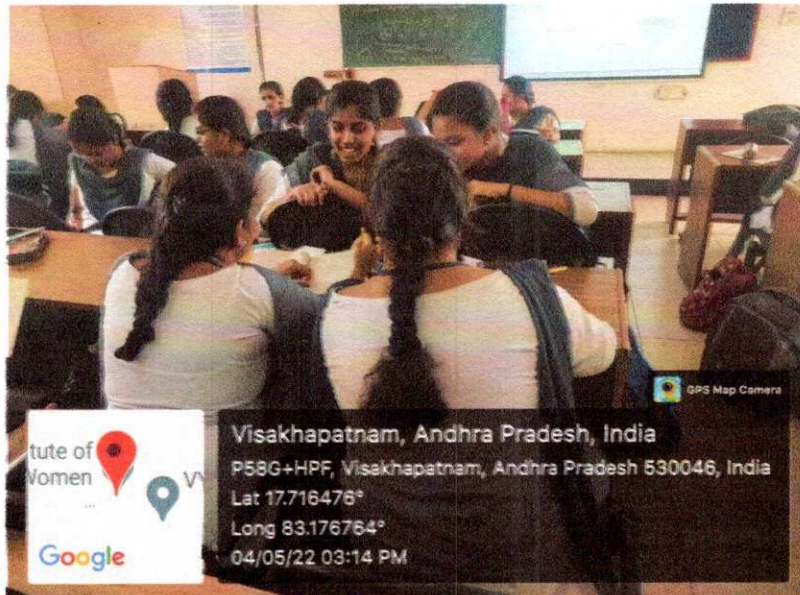
Delivery of content through Microsoft Teams




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INNOVATIVE TEACHING PRACTICES: Dynamic classroom environment is created by making the students to involve actively and learn independently. The students are formed into teams with one of the members as team leader. The faculty discusses the outcome of the event prior to the activity and assigns a topic to discuss. At the end of the activity, the students are instructed to discuss and derive the conclusions.



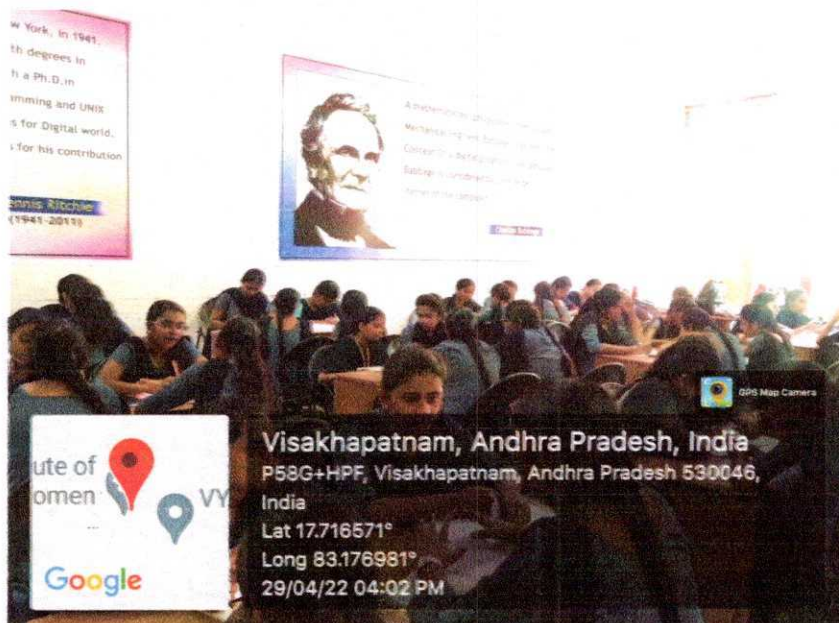
Students' participation in Dynamic Classroom Activity-Think-Pair-Share Activity



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Collaborative Learning activities such as STAD (Student Team Achievement Division) are conducted in class to make the classroom more student centric. The teacher explains the basics involved in the assigned task and allows the students to discuss and learn from the suggested books, journals, web resources etc. The students are assessed as a group and as an individual.



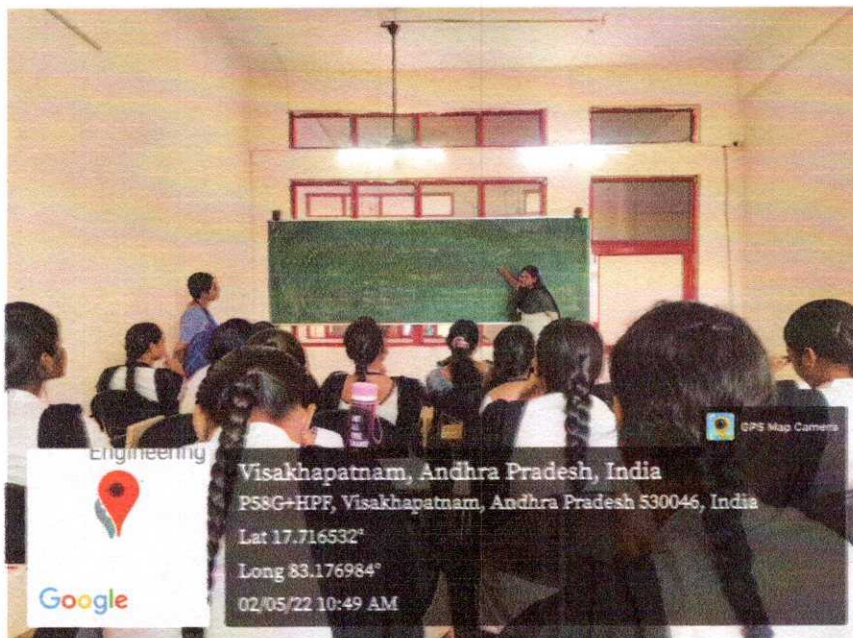
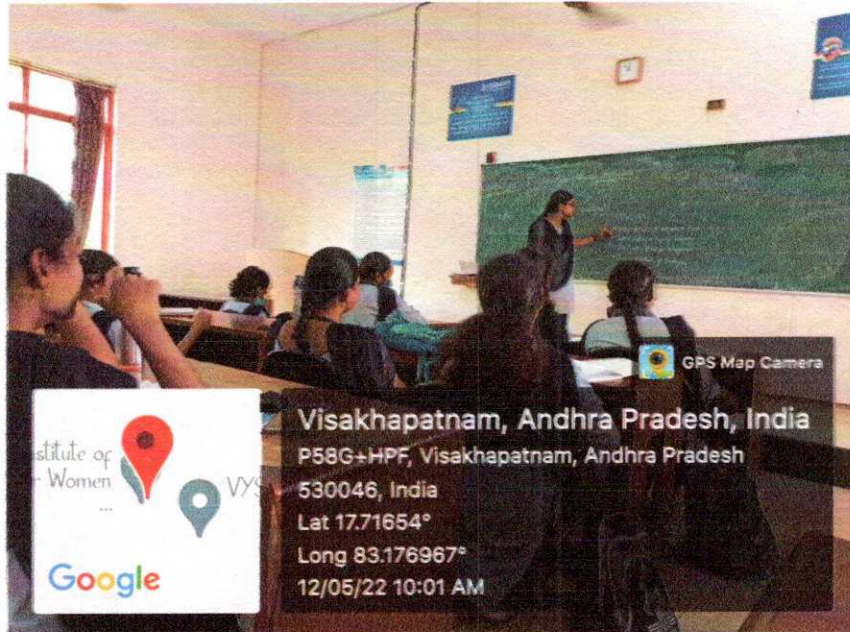
Students' Participation in Collaborative Learning Activities- STAD Activity



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Inquiry based Learning activity such as Flipped Classroom is an instructional strategy that focuses on student engagement and active learning. It benefits the student to make use of the resources for constructive learning.



Students' Participation in Inquiry based Learning – Flipped Classroom Activity



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CONTENT- BASED RESOURCES: MASSIVE OPEN ON-LINE COURSES (MOOCs)
online program will be conducted by the University of JNTUK to impart knowledge to the students of respective departments. These MOOCs classes help the students to utilize and get placed in various campus drives.

ACADEMIC YEAR:2017-18						
S. NO	BRANCH	YEAR & SEM	NAME OF THE COURSE	EXTERNAL EXPERT	INTERNAL FACULTY	NO. OF HOURS HANDLED
1	CSE/IT	II-II	Java Programming	TCS Consultants, Hyderabad	Mr. I.Raju Mr.J.Hari	60
2	MECH	II-II	Design of Machine Members-I	Ch. Viswanath, IIT Hyderabad	Mr.A.V. Pradeep	60
3	ECE	II-II	Analog Communications	K.V.Srinivas , IIT Varanasi	Mrs. T. Sandhya Kumari	58
4	EEE	II-II	Electrical Machines - II	Mr. Pradeep Kumar Yamula, IIT Hyderabad	Mr.R.S.Ravi Shankar Mr.A.Chandraiah	58
5	ECE	III-II	Microwave Engineering	Prof. J.SriHariRao, NITW(Rtd)	Mrs.S.Malathi	58
6	EEE	II-I	Electrical Machines-I	Mr. Pradeep Kumar Yamula, IIT Hyderabad	Mr.R.S.Ravi Shankar Mr.Ch.Anil Kumar	60
7	CSE/IT	II-I	Python Programming	RajkumarMulge, TCS Consultant	Mr.B.Venkatesh Mr.Ramasuri Appala Naidu	60
8	CSE	IV-I	Hadoop& Big Data	KiranKopparapu, Chicago State University	Mrs.B.Madhavi	64
9	MECH	IV-I	Finite Elements Method	ViswanathCh, IIT Hyderabad	Mr.A.V. Pradeep	60

ACADEMIC YEAR: 2018-19						
S. NO	BRANCH	YEAR & SEM	NAME OF THE COURSE	EXTERNAL EXPERT	INTERNAL FACULTY	NO. OF HOURS HANDLED
1	CSE/IT	II-I	Statistics Using R Programming	TCS Consultants, Hyderabad	Mr. Ch.V. Bhikshapathi Mrs. S.Kalyani	58
2	ECE	II-I	Signals And Systems	Dr. K V.Srinivas, IIT Bhubaneswar.	Mr. G. Lakshmana Mrs. T. Sandhya Kumari	64
3	MECH	III-I	Metal Cutting Machine Tools	Prof. G. L. Samuel, IIT Madras.	Mr. A.V. Pradeep	62





ON-LINE CERTIFICATION COURSES: Bright students have registered and received certificates for advanced courses by NPTEL, COURSERA, UDEMY etc. to adapt to new technological courses and improve their academic performance.

Consolidated list of students undergone certification courses

AY: 2021-22						AY: 2020-21					
Course Platform	Student Certifications Courses					Course Platform	Student Certification Courses				
	EEE	ECE	CSE	IT	ME		EEE	ECE	CSE	IT	ME
NPTEL	-	42	149	97	-	NPTEL	3	12	43	4	1
COURSERA	11	-	-	-	-	COURSERA	66	5	56	7	-
UDEMY	14	-	-	-	-	UDEMY	10	1	39	23	-
APSSDC	15	-	198	-	61	APSSDC	100	2	420	-	18
OTHERS	-	183	-	-	-	OTHERS	5	8	62	30	-
TOTAL	40	225	347	97	61	TOTAL	184	28	620	64	19
TOTAL	770						915				



Certification course through Coursera



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This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CS31S14421284

To
 GUMMADI SRAVANTHI
 8-39/28/1, GOPALAPATNAM, VSNP, A.P.
 ANDHRA PRADESH - 530027
 PH. NO. 8770498275



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
GUMMADI SRAVANTHI
 for successfully completing the course



The Joy of Computing using Python

with a consolidated score of **80** %

Online Assignments	21.69/25	Programming Exam	25/25	Proctored Exam	33.5/50
--------------------	----------	------------------	-------	----------------	---------

Total number of candidates certified in this course: 7438

Devendra Jalihal
 Prof. Devendra Jalihal
 Chairman
 Centre for Continuing Education, IITM

Jan-Apr 2022
 (12 week course)

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



Indian Institute of Technology Madras



Roll No: NPTEL22CS31S14421284

To validate and check scores: <https://npTEL.ac.in/moc>

Certification course through NPTEL



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Certification course through Udeemy



Certification course through APSSDC



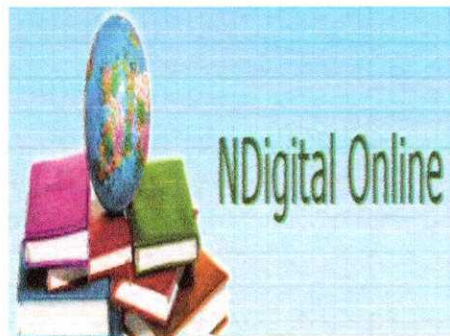
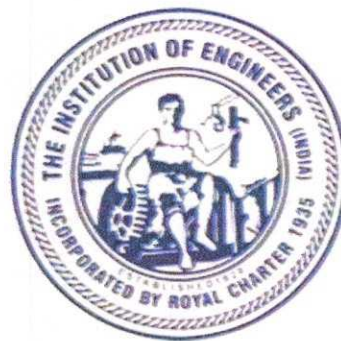
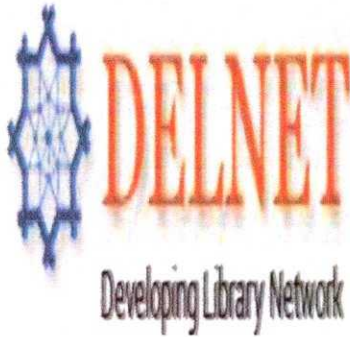
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e- Resources in Digital Library




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SKILL DEVELOPMENT INITIATIVES:

Andhra Pradesh State Skill Development Corporation (APSSDC) Laboratory serves the task of providing skilled manpower as part of Government of Andhra Pradesh skill mission. APSSDC have established a Lab at Vignan's Institute of Engineering for Women to provide skill-based training to students in the college. This will help in improving students' technical competency, soft skills and thus employability quotient.

Overview of APSSDC Lab:

The center has been setup as a step to foster innovation and help instill the startup and research culture in the students as well act as a catalyst of growth by making world class skilled professionals available to key growth sectors for the state and the country. The Lab is equipped with high end configured Acer Laptops in count of 36 laptops provided by APSSDC, and the licenses for the software are provided on Premise. The details of the lab are furnished in the table as:

APSSDC Lab Details

Infrastructure of the APSSDC Lab	
Seating Capacity	50
No. of Laptops Installed	36 Laptops Configuration: Acer, Processor: Intel ® core (5-7200 U CPU @2.5 GHz RAM: 16 GB, 64-bit Operating system, Windows10 Hard disk: 500GB
License type	On Premise
UPS	Yes

Consolidated list of Skill Development Activities conducted under APSSDC

Academic Year	2020-21	2019-20	2018-19	2017-18
No. of events organized	12	13	19	14
No. of students participated	1295	870	1114	919



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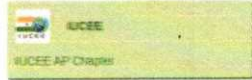
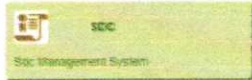
Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development & Training, Govt. of Andhra Pradesh)



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College details



S.No.	Name	Gender	Employee ID	Designation	Department	Qualification	Email	Phone	Edit
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2	Mahapatruni Nagendrababu	Male	-	Training & Placement Officer	MECHANICAL	-	nagve@gmail.com	9961155737	
3	P.Praveen Kumar	Male	10646	Assistant Professor	CSE	M.Tech	Pravinkumarce@gmail.com	9965063343	
4	Pilla Mohan Ganesh	-	10158	-	-	-	mohanganesh23@gmail.com	9494521752	

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Google Development Center

Google Hash Code is an international programming competition hosted and administered by Google. The competition consists of a set of algorithmic problems which must be solved in a fixed amount of time. Competitors may use any programming language and development environment to obtain their solutions. Students of Vignan's Institute of Engineering for Women, Department of Computer Science Engineering have successfully organized International Coding Competition in association with Google.



Conduct of HASH CODE- 2020 International Coding Competition in Association with Google




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Google #Hash Code 2020 Photo Gallery:



Photo Gallery of Hash Code- 2020




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