Prasad V. Potluri Siddhartha Institute of Technology (Autonomous)

Kanuru, Vijayawada – 520 007

(Affiliated to JNTUK, Accredited by NBA, ISO 9001:2015 Certified Institution)

5.1.3.4: Awareness of trends in technology

Reports on programs organized on trends in technology

2020 – 21

Prasad V. Potluri Siddhartha Institute of Technology
Department of Civil Engineering
Land Survey using Total Station
04-01-2021 to 08-01-2021

Date: 02-01-2021

This is to inform to all the concerned that a Total Station Training Program is being arranged under LSIT, Chennai with the details as under:
Topic: Advanced Total Station
Speaker: Mr. M. R. Dinesh, Director, LSIT, Chennai.
Venue: 143
Date: 04/01/2021
Time: 9:00 a.m onwards
IV/IV B.Tech. Students are cordially invited for the training.

Faculty Co-ordinators:
Dr. K. Shyam Prakash

Inauguration Program:

PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
(Autonomous)
Approved by AICTE & Affiliated to JNTU, Kakinada
All UG Programmes Accredited by NBA, NAAC A+ Grade : ISO 9001 : 2015
KANURU, VIJAYAWADA - 520 007.
FIVE DAYS TRAINING O
URVEY BY USING TOT
FROM 4-01-2021 TO 08-01-2021
OF CIVIL ENGINEER
NURU, VIJAYAWAD

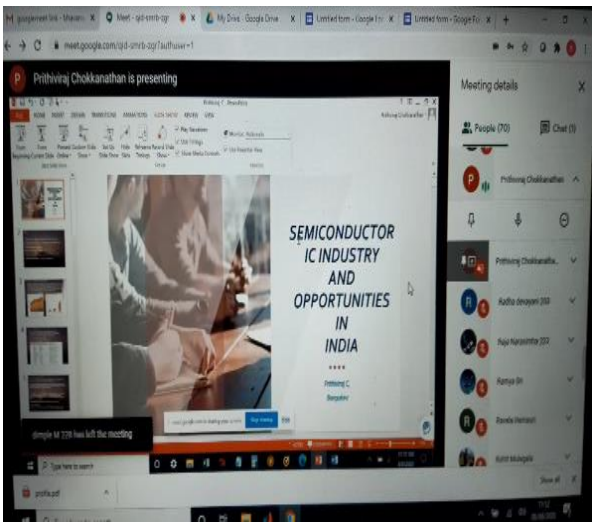
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
(Autonomous)
Approved by AICTE & Affiliated to JNTU, Kakinada
All UG Programmes Accredited by NBA, NAAC A+ Grade : ISO 9001 : 2015
SIDDHARTHA ACADEMY OF GENERAL AND TECHNICAL EDUCATION.
KANURU, VIJAYAWADA - 520 007.
FIVE DAYS TRAINING ON
D SURVEY BY USING TOTAL S ON
ADDER SURVEY, INSTITUTE OF TECHNOLOGY
FROM 4-01-2021 TO 08-01-2021
OF CIVIL ENGI
NURU, VIJAYAWA

Training Program:

HOD, CE
Professor & Head
Dept. of Civil Engineering
PVP Siddhartha Institute of Technology
Kanuru, VIJAYAWADA-520 007

WEBINAR REPORT

SUMMARY REPORT ON EVENT ORGANIZED Academic Year 2020-21	
Date of Event Organized	08-08-2020
Title of the Event	SEMICONDUCTOR IC INDUSTRY AND OPPORTUNITIES IN INDIA
Venue	Online mode(Google Meet) 11.00A.M TO 12.00 noon
Resource Person Details	Mr.Prithiviraj.C , project leader mediatek semiconductor ,bangalore
Brief Report on the Event	The webinar was mainly focused on the opportunities and technologies available in industry in semiconductor manufacturing and various the concepts on semiconductor devices and their applications to industry. The resource person also explained the importance semiconductor technologies and the opportunities available. Students also posed their ideas and took suggestions from the resource persons.
No. of the participants	Student Participants-61 Faculty Participants-15
Consolidated Feedback	Good
Suggestions if any	NIL

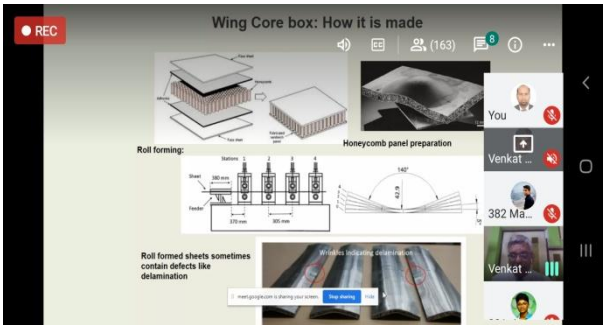


DEPARTMENT OF MECHANICAL ENGINEERING
PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU
GUEST LECTURES AND SEMINARS COMMITTEE

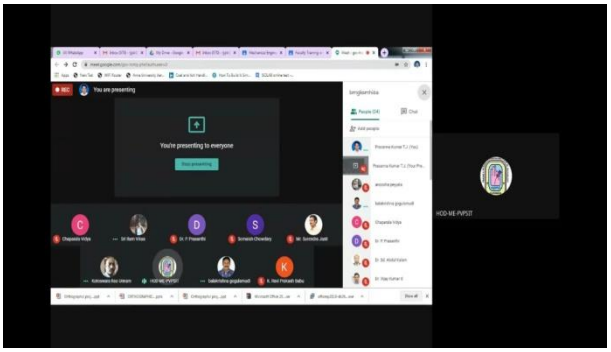
List of Programmes organized by the department in the academic year 2020-21

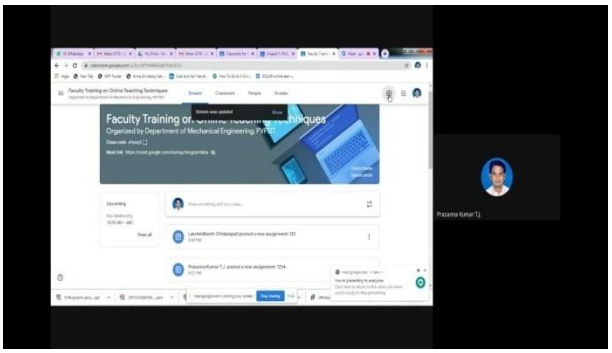
1. Department of Mechanical Engineering has organized a Webinar on "**Design Thinking**" on 25/07/2020 from 10:00 to 11:00 AM. for B.Tech II -Year students and staff. The Resource Person was Mr. Boorla Srinivasa Murthy, General Manager, Grupo Antolin, Spain, Branch office in Vijayawada.

2. Department of Mechanical Engineering has organized a Webinar on "**Advanced Manufacturing Technologies in Aerospace Sector**" on 30.07.2020 from 09:30 to 11:30 AM. for B.Tech III & IV -Year students and staff. The Resource Person was Dr. K. Venkateswarlu, Senior Principal Scientist, NAL, Bangalore.

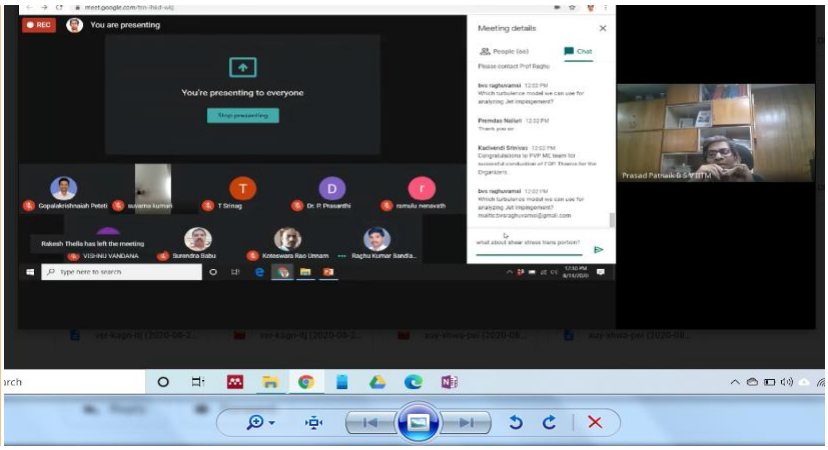


3. A Webinar on **"Faculty Training Program on Online Teaching Techniques"** by Mr. T. J. Prasanna Kumar, Asst. Prof, Mechanical Engineering Department,PVPSIT for teaching staff of ME on 03.08.2020 at 04:00 to 5:30 PM in the Google meet platform organized by department of Mechanical Engineering.

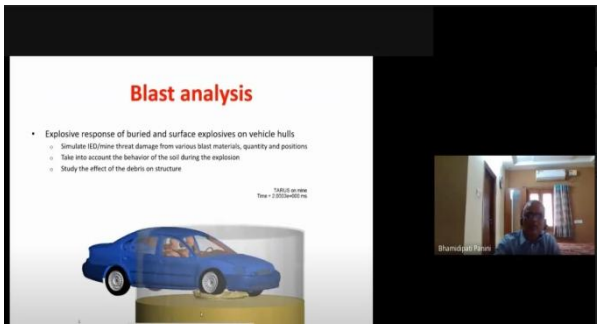




4. Department of Mechanical Engineering is organizing a Webinar on "**Flow past a circular cylinder: Karman and beyond**" by Dr. Prasad Patnaik B S V, Professor, Department of Applied Mechanics, IIT Madras, Chennai for III & IV -B. Tech. ME students and staff on 06.08.2020 at 10:30 AM in the Google meet platform.

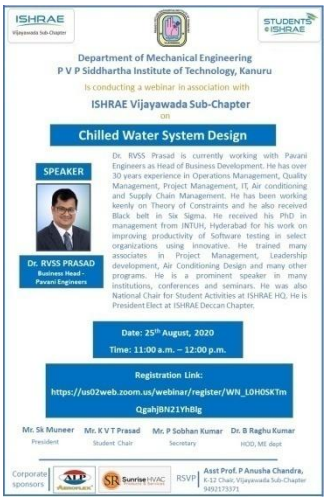


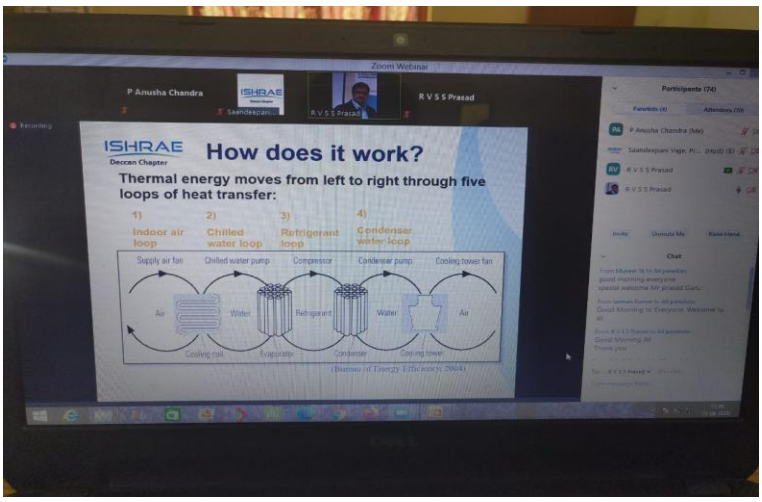
5. Department of Mechanical Engineering has organized one week online Faculty Development Program on "**Recent Developments in Mechanical Engineering"** from 10.08.2020 to 14.08.2020 by Dr. B. Rama Krishna, Scientist-G & Group Head, Armor Technology Center, DRDO, Dr. M. Jaganmohan Rao, Divisional Manager, Ashok Leyland Ltd., Technical Centre, Chennai, Dr. A Venu Gopal, Professor, Department of Mechanical Engineering, National Institute of Technology, Warangal, Sri. S. Sathish Kumar, Scientist/Engineer-`SE', U.R.Rao Satellite Centre, Dr. Prasad Patnaik B S V, Professor, Department of Applied Mechanics, Indian Institute of Technology Madras, Chennai in the Google meet platform.



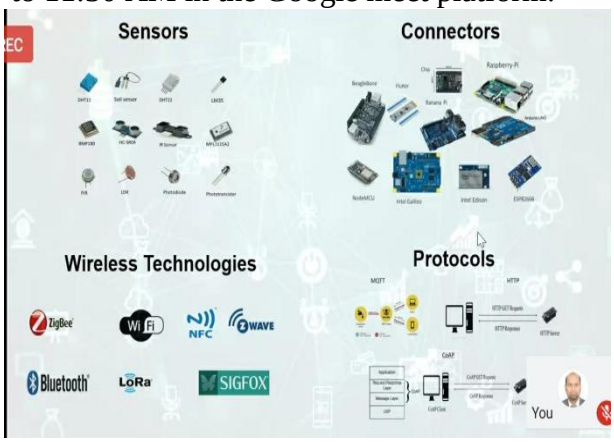
6. Department of Mechanical Engineering has organized a Webinar in association with ISHRAE Vijayawada sub-chapter on "**Chilled Water System Design**" by Dr. RVSS Prasad, Business

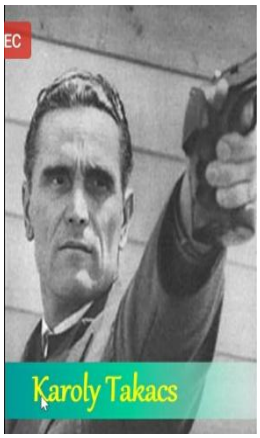
head, Pavani Engineers, Vijayawada for II-B. Tech. ME students and staff on 25.08.2020 at 11:00 AM to 12:00 Noon in the Google meet platform.



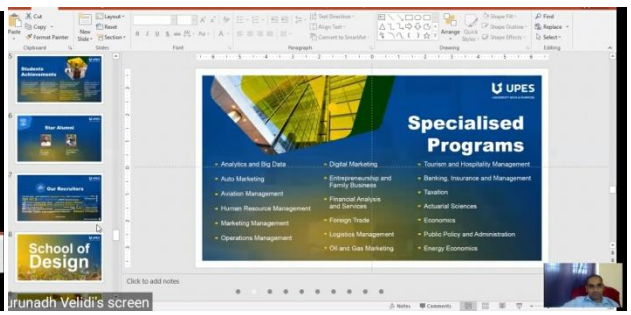


7. Department of Mechanical Engineering and ECE were jointly organized a Webinar on "An MNC expert talk on **Emerging Technologies**" by Mr. Santhosh Jaiswal, Assistant General Manager, Automation, JOHN DEERE, Pune, Maharashtra for IV-B. Tech. ME students on 27.08.2020 at 10:00 AM to 11:30 AM in the Google meet platform.

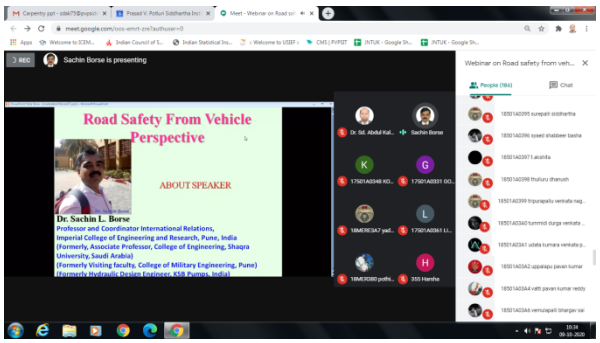


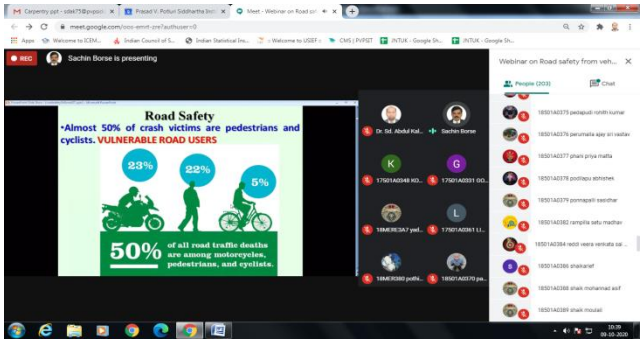


8. Department of Mechanical Engineering and ECE were jointly organized a Webinar on "**Emerging Careers in Science**" by Dr. Velidi VSS Gurunadh, Assistant Professor - Selection Grade, Department of Aerospace Engineering, University of Petroleum and Energy Studies(UPES), Dehradun for IV-B. Tech. ME students on 30.08.2020 at 4:30 PM to 5:30 PM in the Google meet platform.



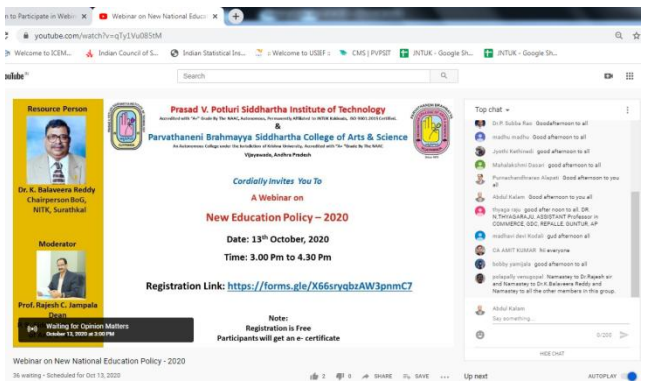
9. Department of Mechanical Engineering Organized a Webinar on "**Road safety from vehicle perspective**" by Dr. Sachin L. Borse, Professor, Department of Mechanical Engineering, Imperial College of Engineering and Research, Pune, Maharashtra for III & IV -B. Tech. ME students and staff on 09.10.2020 at 10:30 AM in the Google meet platform.

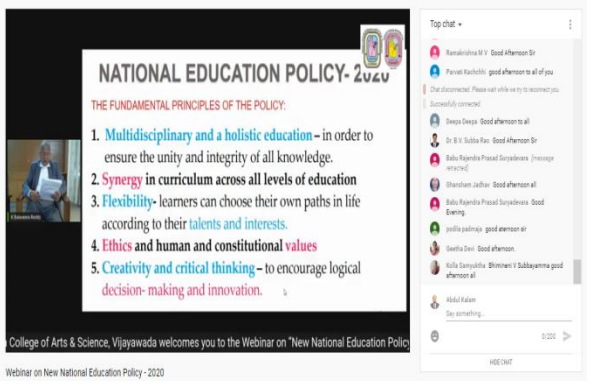




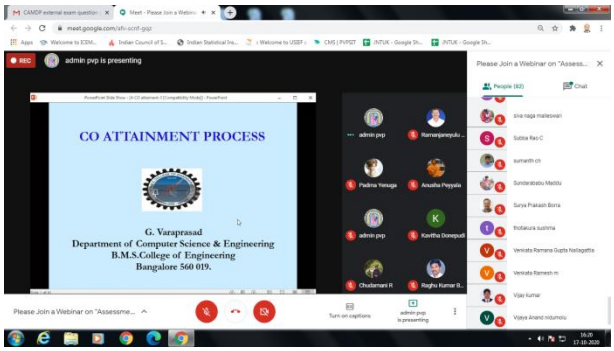
10. Department of Mechanical Engineering arranged a **Online Live Design Now Workshop on "Fusion 360" Session-1** by Mr. Kranthi Kumar Palisetty, Senior Technical Trainer, ICT academy powered by AUTODESK, Chennai on 10.10.2020 for III & IV -B. Tech. Mechanical Engineering students.

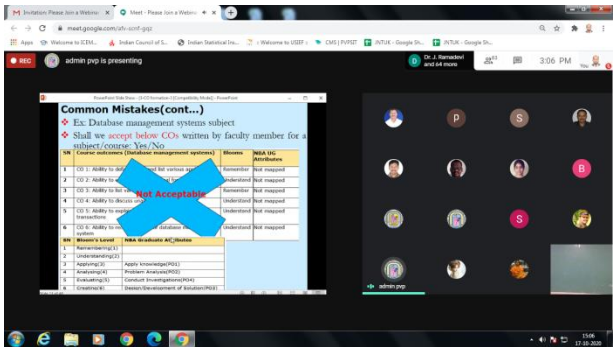
11. Staff of Mechanical Engineering Department participated in the Webinar on "**New National Educational Policy-2020**" by Dr. Balaveera Reddy, Chairperson BoG, NITK, Surathkal Jointly Organized by PVP Siddhartha Institute of Technology & P B Siddhartha College of Arts & Science, Vijayawada, Andhra Pradesh on 13.10.2020 from 3:00PM to 5:00PM.



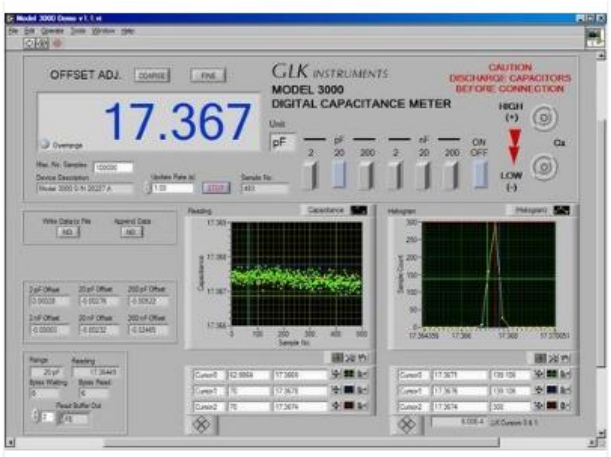


12. Staff of Mechanical Engineering Department participated in the Webinar on "CO Attainment Process" by Dr. G. Varaprasad, Professor, Department of Computer Science and Engineering, BMS College of Engineering, Bangalore organized by PVP Siddhartha Institute of Technology, Vijayawada, Andhra Pradesh on 17.10.2020 from 3:00PM to 5:00PM.

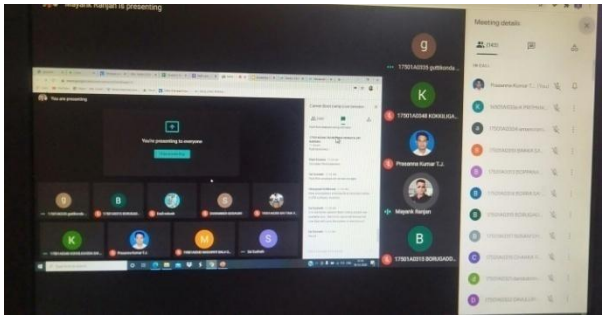




13. Department of Mechanical Engineering Organized a Webinar on "Awareness Programme on Lab VIEW" by Mr. E. Murali Krishnan, CEO, Opti Thought Technologies, Chennai on 23.11.2020 for III-B. Tech. Mechanical Engineering students from 11.45 AM to 12:45 PM in the Google meet platform.(94 students are attended).



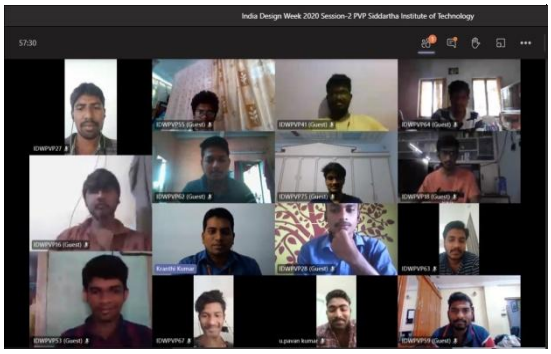
14. Department of Mechanical Engineering Department has organized a "**Skill Lync Career Bootcamp-Live Technical Session**" by Mayank Ranjan, CEO & M Srinivasan, Technical Trainer, Skill Lync, Chennai on 16.12.2020 for II & IV -B. Tech. Mechanical Engineering students.

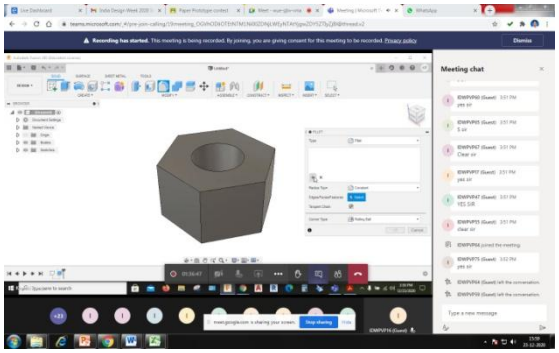


15. Department of Mechanical Engineering Department has organized a "**GATE Awareness Program Benefits & Career Opportunities with GATE**" by Mr. Akash Pushkar, M.Tech

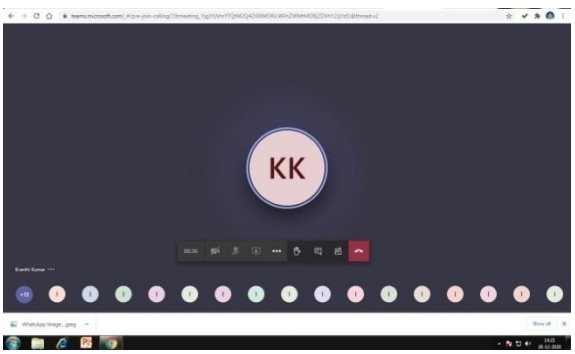
IIT Kanpur, Data Scientist in Accenture, GATE Academy on 20.12.2020 for II & III -B. Tech. Mechanical Engineering students.

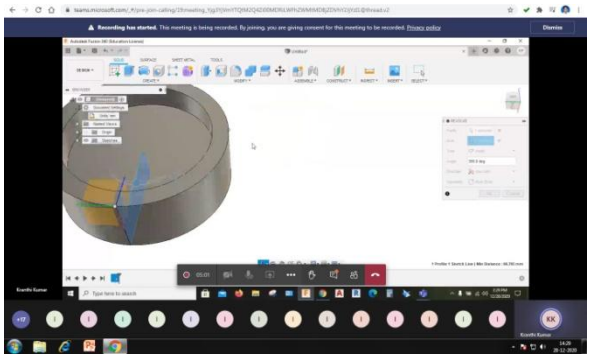
16. Department of Mechanical Engineering has arranged a "**Online Live Design Now Workshop on "Fusion 360" Session-2**" by Mr. Kranthi Kumar Palisetty, Senior Technical Trainer, ICT academy powered by AUTODESK, Chennai on 23.12.2020 for III & IV -B. Tech. Mechanical Engineering students.



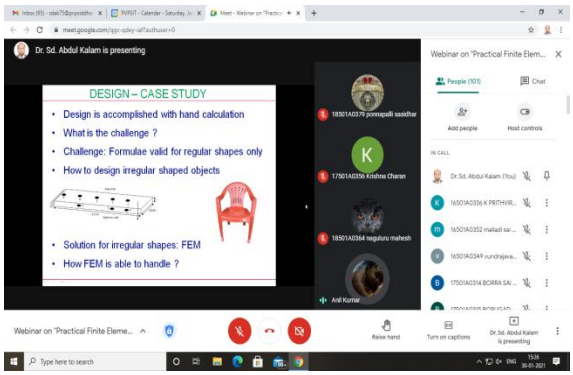


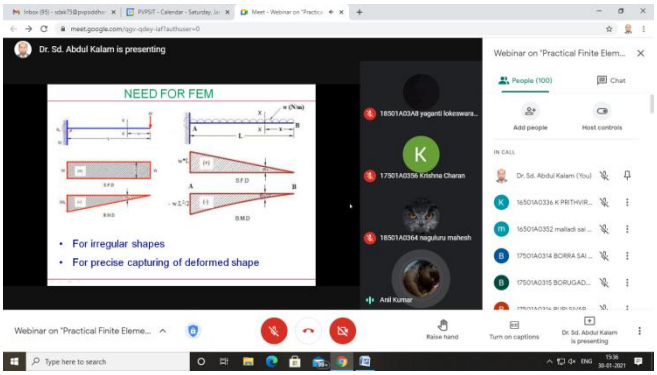
17. Department of Mechanical Engineering has arranged a "**Online Live Design Now Workshop on "Fusion 360" Session-3**" by Mr. Kranthi Kumar Palisetty, Senior Technical Trainer, ICT academy powered by AUTODESK, Chennai on 28.12.2020 for III & IV -B. Tech. Mechanical Engineering students.



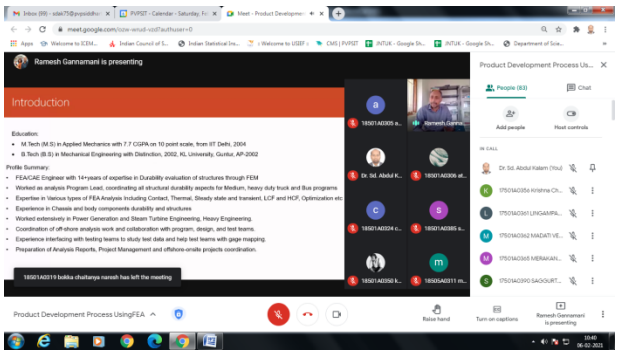


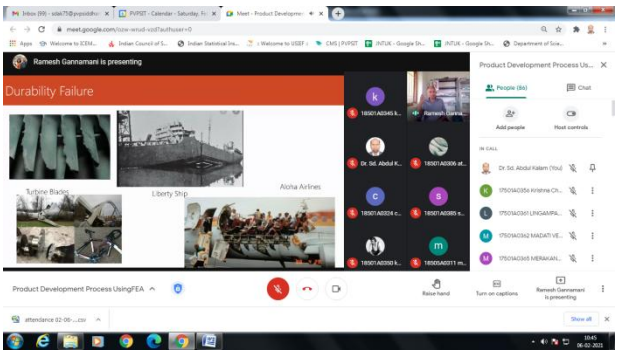
18. Department of Mechanical Engineering has organized a Webinar on "**Practical Finite Element Analysis**" by Dr. P. Anil Kumar, Scientist F, Research Centre Imarat, Defence R&D Organization (DRDO), Hyderabad for III & IV -B. Tech. ME students and staff on 30.01.2021 at 02:00 PM in the Google meet platform.





19. Department of Mechanical Engineering organized a Webinar on "**Product Development process using FEA**" by Sri. G. Ramesh, FEA Structural durability consultant, Finitum Tech., Velivennu, West Godavari District, A.P. for III & IV -B. Tech. ME students and staff on 06.02.2021 at 10:30 AM in the Google meet platform.

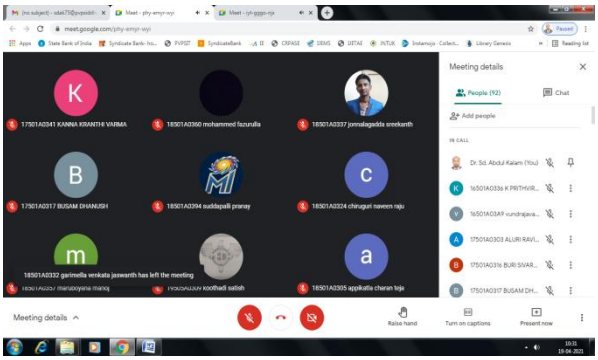


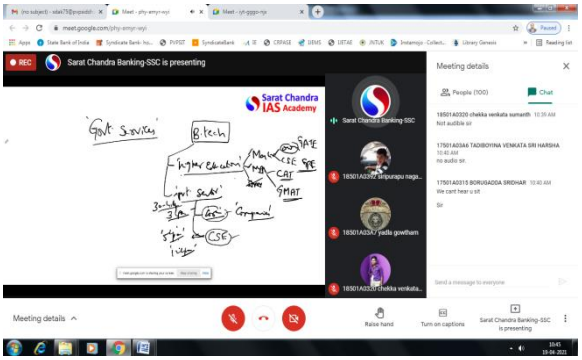


20. Department of Mechanical Engineering organized a Guest Lecture on **Arrow Power**" by Sri. ARK Chowdery, Director, Kusalava International Ltd., Telaprolu, Vijayawada for II-B. Tech. ME students and staff on 10.02.2021 from 02:00 PM in the Ground floor Seminar hall.

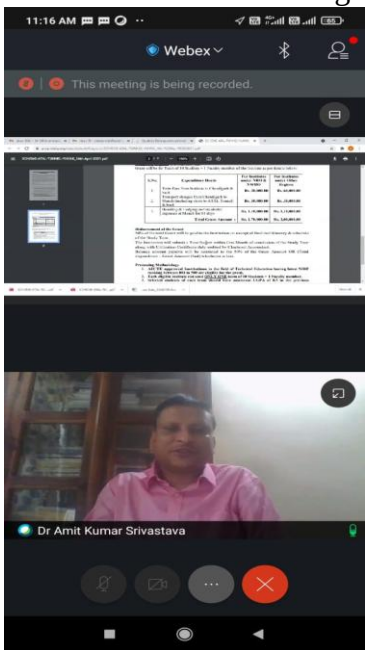
21. Two day **International Conference** on RECENT ADVANCES IN MECHANICAL ENGINEERING (ICRAME-2021) on 26.03.2021 and 27.03.2021 organized by Department of Mechanical Engineering sponsored by Siddhartha Academy of General and Technical Education, Vijayawada.

22. Department of Mechanical Engineering organized a Webinar on "**Career Guidance"** by Sri. Sarat Chandra, Managing Director, Sarat Chandra IAS Academy, M.G. Road, Vijayawada for III & IV -B. Tech. ME students on 19.04.2021 at 10:00 AM to 11.00AM in the Google meet platform.





23. Department of Mechanical Engineering organized online interaction with students on YUVAK scheme by Dr. Amit Kumar Srivastava, Director, Student Development Cell (St.DC), All India Council for Technical Education (AICTE) for II & III-B. Tech. ME students on 02.06.2021 at 11:00 AM in the Google meet platform.



Guest Lectures -2020-2021

Dept. of E.C.E

1. Three weeks workshop on “Programming with Python ” was conducted from 07-06-2021 To 26-06-2021 for I year B.Tech. ECE students.

Resource Person**:** K Narmada Mani,Trainer APSSDC K.Mangatayaru ,Trainer APSSDC.

Feedback from students: Learned about Programming with Python which is very useful.It creates enthusiasm about leaening python language.

2.. Guest lecture on “Digital system design using Verilog” was conducted on 30-01-2021for III year B.Tech ECE.

Resource Person**:** Dr. N.Krishna Chaitanya, Assoc. Professor Sasi Institute of Technology& Engineering Tadepalligudem.

Feedback from students: : Guest lecture was much informative and learnt about Digital system design using Verilog.

3. Training program on "FPGA based digital system design " was conducted from 18-01-2021 To 28-01-2021for III B.Tech. ECE students.

Resource Person: Mr K.Pradeep Application Engineer, ApplyVolt Technologies Pvt.Ltd,

Feedback from students: Guest lecture Enlightening and have understood the opportunities in Embedded Systems

4. Training program on “Embedded System design using MSP430” was conducted from 29-12-2020 To 31-12-2020 for IV B.Tech. ECE students.

Resource Person**:** Mr.Nishanth, EdGate Technologies Bangalore

Feedback from students: : Learned about Embedded System design using MSP430 and had hands on sessions which is very useful.

5.Training on “Engineering Solutions using Graphical Programming -NI Lab VIEW Core 1&2” was conducted from 203-08-2020 To 26-09-2020 for III year B.Tech. ECE students.

Resource Person**:** Mohamed pharsath M Application Engineer, Optithought Solutions Pvt. Ltd,Chennai.

Feedback from students: Learned about Engineering Solutions using Graphical Programming -NI Lab VIEW Core 1&2 and had hands on sessions on creating circuits,which is very intresting and very useful.

.

6. Training program on"Python Programming" was conducted from 03-8-2020 To 21-8-2020for III year B.Tech. ECE students.

Resource Person**:** 1. Ambika Puvvula, APSSDC

2. K.Veeravanitha, APSSDC

Feedback from students: Learned about Programming with Python which is very useful.It creates enthusiasm about leaening python language.

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA

DEPARTMENT OF INFORMATION TECHNOLOGY

NOTICE

Date: 01.02.2021

Two Day Workshop on "**CYBER SECURITY**" will be conducted from 03.02.2021 to 04.02.2021 at 10.00am. All the III B.Tech IT students are requested to enroll this program.

Resource Person: Dr D.SAI SATISH Founder & CEO of Indian Servers, Vijayawada

(Dr. B. V Subba Rao)

Information Technology Department
PRASAD V.POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007.

Copy to:
The Principal
Notice Board

Prasad V. Potluri Siddhartha Institute of Technology

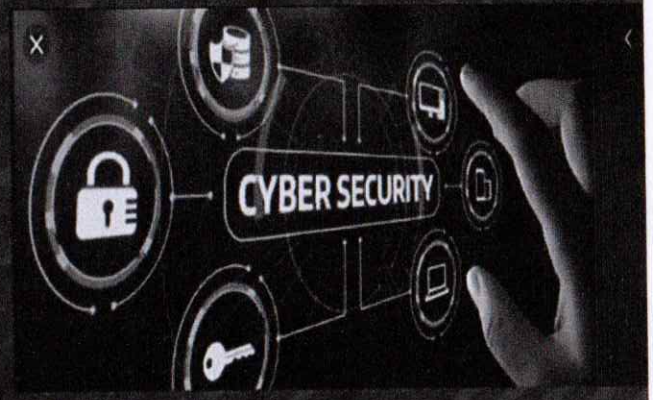
Accredited with A+ grade by NAAC

AUTONOMOUS, ISO 9001:2015 Certified Institute,
Permanently Affiliated to JNTUK, KAKINADA

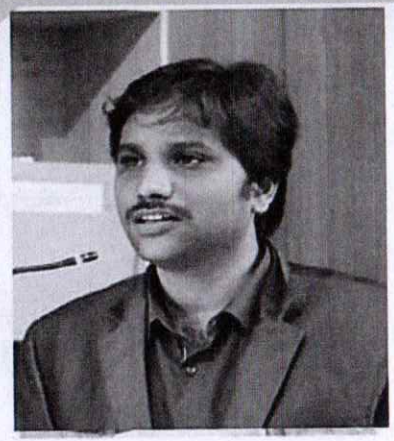
All UG Programmes are accredited by NBA under Tier-1

Two Day Workshop on

CYBER SECURITY



Date:- 3,4 FEB 2021



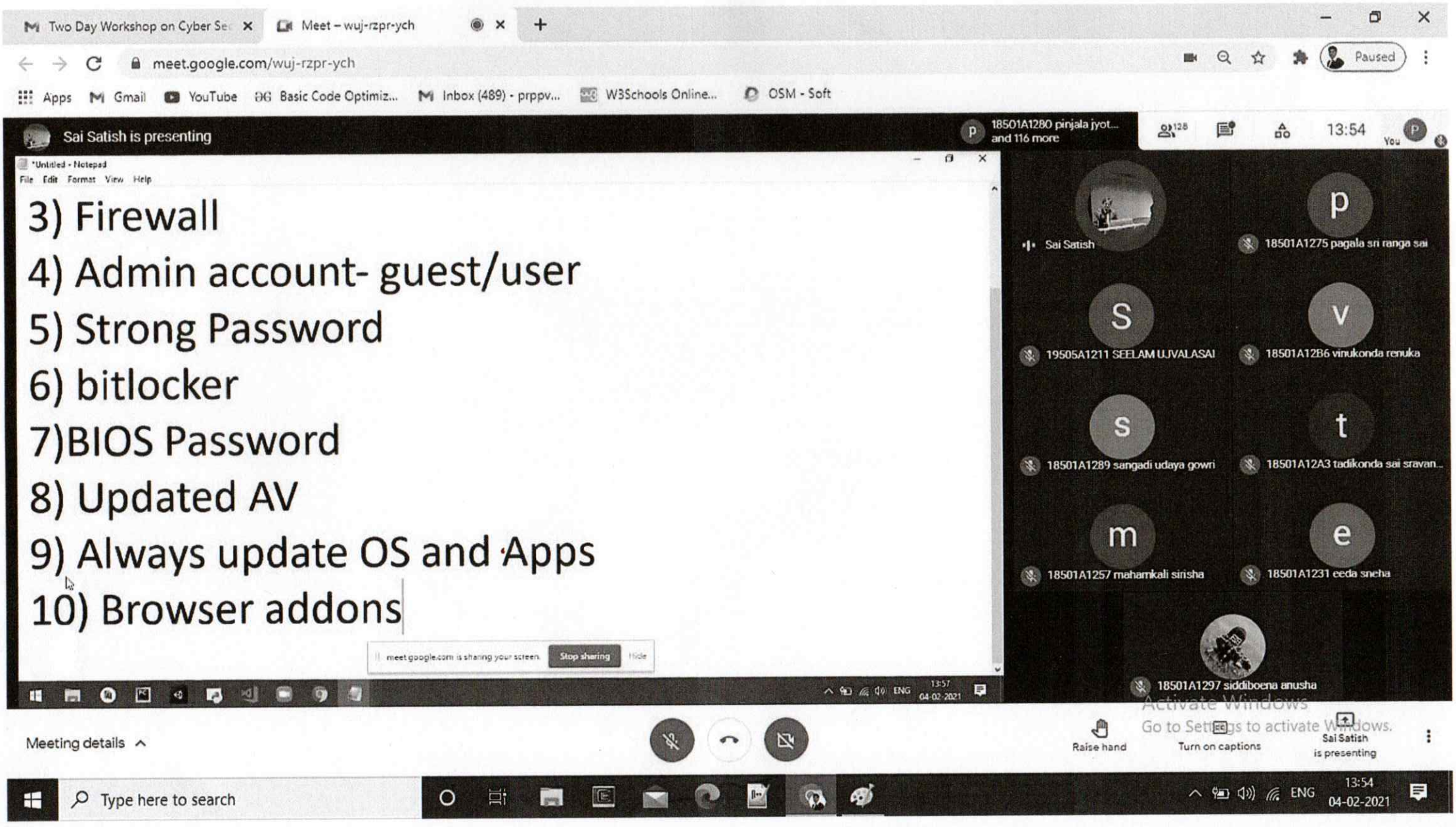
RESOURCE PERSON

Dr.D.SAI SATISH
Founder & CEO of
INDIAN Servers

Organised by

DEPARTMENT OF INFORMATION TECHNOLOGY

Sponsored by Siddhartha Academy of General Education, Vijayawada


Two Day Workshop on Cyber Se
Meet – wuj-rzpr-ych
meet.google.com/wuj-rzpr-ych
Paused
Apps
Gmail
YouTube
Basic Code Optimiz...
Inbox (489) - prppv...
W3Schools Online...
OSM - Soft
Sai Satish is presenting
18501A1280 pinjala jyot... and 116 more
13:54
You
*Untitled - Notepad
File Edit Format View Help
3) Firewall
4) Admin account- guest/user
5) Strong Password
6) bitlocker
7)BIOS Password
8) Updated AV
9) Always update OS and Apps
10) Browser addons
meet.google.com is sharing your screen.
Stop sharing
Hide
Sai Satish
18501A1275 pagala sri ranga sai
19505A1211 SEELAM UJVALASAI
18501A12B6 vinukonda renuka
18501A1289 sangadi udaya gowri
18501A12A3 tadikonda sai sravan...
18501A1257 mahamkali sirisha
18501A1231 eeda sneha
18501A1297 siddiboena anusha
Meeting details
Raise hand
Turn on captions
Sai Satish is presenting
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
13:54
04-02-2021

SUMMARY REPORT ON EVENT ORGANIZED Academic Year 2020-21	
Date of Event Organized	03.02.2021 to 04.02.2021
Title of the Event	Two day workshop on "**CYBER SECURITY"**
Resource Person Details	Dr D.SAI SATISH Founder & CEO of Indian Servers, Vijayawada
Brief Report on the Event	He told that Cyber security refers to the body of technologies, processes, and practices designed to protect networks, devices, programs, and data from attack, damage, or unauthorized access. Cyber security may also be referred to as information technology security. is important because government, military, corporate, financial, and medical organizations collect, process, and store unprecedented amounts of data on computers and other devices. Elements of cyber encompass all of the following: **Network security:** The process of protecting the network from unwanted users, attacks and intrusions. **Application security**: Apps require constant updates and testing to ensure these programs are secure from attacks. **Endpoint security:** Remote access is a necessary part of business, but can also be a weak point for data. Endpoint security is the process of protecting remote access to a company's network. **Data security:** Inside of networks and applications is data. Protecting company and customer information is a separate layer of security. **Identity management:** Essentially, this is a process of understanding the access every individual has in an organization. **Database and infrastructure security**: Everything in a network involves databases and physical equipment. Protecting these devices is equally important. **Cloud security:** Many files are in digital environments or "the cloud". Protecting data in a 100% online environment presents a large amount of challenges.
No. of the participants	100
Consolidated Feedback	Very good
Suggestions if any	NIL
Signature of the Co-ordinator R. Vijay P. Ravi Prakash	Signature of the HOD HEAD Information Technology Department PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY KANURU, VIJAYAWADA-520 007.

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA

DEPARTMENT OF INFORMATION TECHNOLOGY

NOTICE

Date: 29.03.2021

Industry Institute Interaction and EDP cell is organizing an Entrepreneurship development program on 30.03.2021 in room No: 316 for the benefit of III B.Tech IT students.

TOPIC: How to become an Entrepreneur

Resource Persons: Mr. K. Venkata Sai Nadh, IT Development Manager, Maganti IT Solutions Pvt. Ltd, Vijayawada.

(Dr.PVS Lakshmi)
Coordinator

29/3/2021
(Dr. BV Subba Rao)
HEAD
Information Technology Department
PRASAD V.POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007

Copy to:
The Principal

NIKE
ROAMER PASS

SUMMARY REPORT ON EVENT ORGANIZED Academic Year 2020-21	
Date of Event Organized	30.03.2021
Title of the Event	Industry Institute Interaction and ED cell is organized an Entrepreneurship development program on **"How to become an Entrepreneur"**
Resource Person Details	Mr. K. Venkata Sai Nadh, IT Development Manager, Maganti IT Solutions Pvt. Ltd, Vijayawada
Brief Report on the Event	He told that You might think of an entrepreneur as someone who starts or runs a small business, but there's more to it than that. At a fundamental level, entrepreneurship is about identifying opportunities and taking on risks to fill them. Entrepreneurs as a class tend to be excited by (rather than afraid of) the challenges that come with solving problems that have never been solved. If you want to became an entrepreneur remember the following points • Identify a problem that you feel driven to solve. • Consider your role as founder. • Don't go it alone. • Determine how you'll add value to people's lives. • Take the plunge.
No. of the participants	110
Consolidated Feedback	good
Suggestions if any	NIL
Signature of the Co-ordinator	Signature of the HOD HEAD Information Technology Department PRASAD V.POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY KANURU, VIJAYAWADA-520 007.

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA

DEPARTMENT OF INFORMATION TECHNOLOGY

NOTICE

Date: 07.04.2021

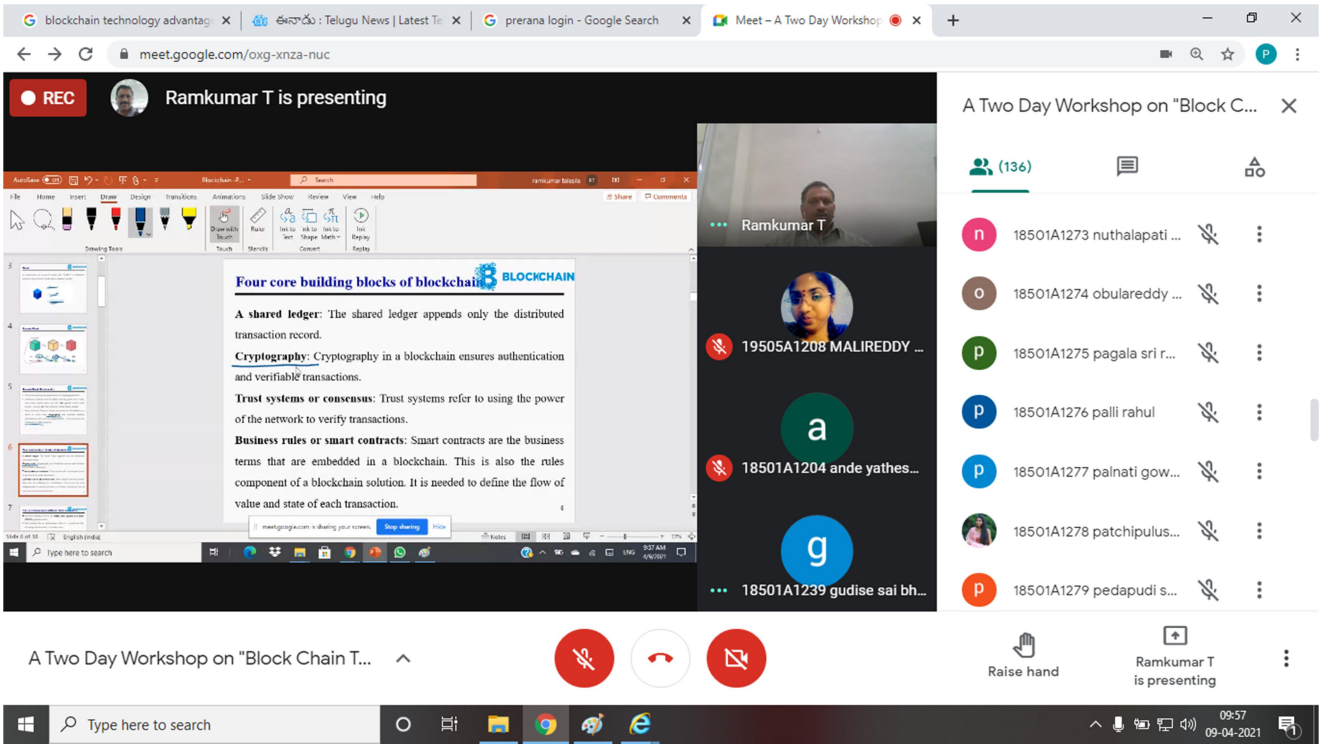
Two Day Workshop on "**Block Chain technologies**" will be conducted from 09.04.2021 to 10.04.2021 at 10.00am. All the III B.Tech IT students are requested to enroll this program.

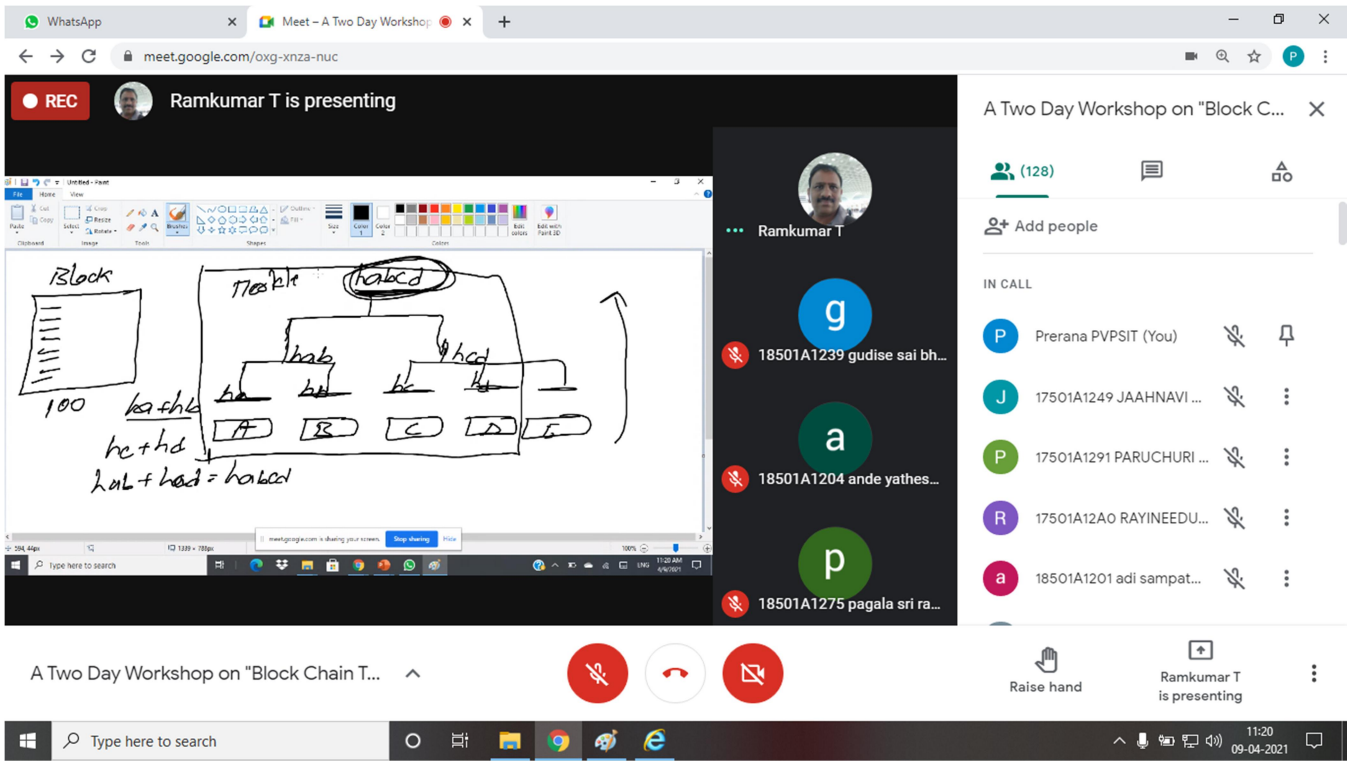
Resource Person: Mr. T. Ram Kumar, Senior Lead, Block Chain, UTC, Hyderabad

(Dr. B. V. Subba Rao)

HEAD
Information Technology Department
PRASAD V. POTLURI
SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA-520 007.

Copy to:
The Principal
Notice Board


REC
Ramkumar T is presenting
Four core building blocks of blockchain
BLOCKCHAIN
A shared ledger: The shared ledger appends only the distributed transaction record.
Cryptography: Cryptography in a blockchain ensures authentication and verifiable transactions.
Trust systems or consensus: Trust systems refer to using the power of the network to verify transactions.
Business rules or smart contracts: Smart contracts are the business terms that are embedded in a blockchain. This is also the rules component of a blockchain solution. It is needed to define the flow of value and state of each transaction.
Ramkumar T
19505A1208 MALIREDDY ...
18501A1204 ande yathes...
18501A1239 gudise sai bh...
A Two Day Workshop on "Block C...
(136)
18501A1273 nuthalapati ...
18501A1274 obulareddy ...
18501A1275 pagala sri r...
18501A1276 palli rahul
18501A1277 palnati gow...
18501A1278 patchipulus...
18501A1279 pedapudi s...
A Two Day Workshop on "Block Chain T...
Raise hand
Ramkumar T is presenting
Type here to search
09:57
09-04-2021


REC
Ramkumar T is presenting
block
100
Ramkumar T
18501A1239 gudise sai bh...
18501A1204 ande yathes...
18501A1275 pagala sri ra...
A Two Day Workshop on "Block C...
(128)
Add people
IN CALL
Prerana PVPSIT (You)
17501A1249 JAAHNAVI ...
17501A1291 PARUCHURI ...
17501A12A0 RAYINEEDU...
18501A1201 adi sampat...
A Two Day Workshop on "Block Chain T...
Raise hand
Ramkumar T is presenting
Type here to search
11:20
09-04-2021

SUMMARY REPORT ON EVENT ORGANIZED Academic Year 2020-21	
Date of Event Organized	09.04.2021 to 10.04.2021
Title of the Event	Two Day workshop on "Block Chain Technologies"
Resource Person Details	Mr. T. Ram Kumar, Senior Lead, Block Chain, UTC, Hyderabad
Brief Report on the Event	He told that Block chain technology is a structure that stores transactional records, also known as the block, of the public in several databases, known as the "chain," in a network connected through peer-to-peer nodes. Typically, this storage is referred to as a 'digital ledger.' Block chain is an emerging technology with many advantages in an increasingly digital world: • Highly Secure • Decentralized System • Automation Capability Block chain is a combination of three leading technologies: • Cryptographic keys • A peer-to-peer network containing a shared ledger • A means of computing, to store the transactions and records of the network
No. of the participants	123
Consolidated Feedback	Very good
Suggestions if any	NIL
Signature of the Co-ordinator	Signature of the HOD HEAD Information Technology Department PRASAD V.POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY KANURU, VIJAYAWADA-520 007.

(1)

Prasad V. Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Event Summary Report

1. Name of the Event: **Role of Algorithms in Software Development**
2. Event Type: **Industry Institute Interaction-Webinar**
3. Date of the Event : 19-06-2021
4. Name of the Industry: **TCS Pvt. Ltd.**
5. Resource Person (s) with complete address along with mail-id: (Name, Designation, Address, Qualification, mail-id and achievements) :

   Mr. Faiyazthulla Shaik,

   Developper, Systems Engineer,

   TCS Pvt.Ltd, Hyderabad.

6. Attendees of the Event: (Student s/ Faculty / Both) : **II B.Tech. Students**
7. No. of participants: 167

   a) Mention Count separately if students and faculty both were attended

   b) If any outside participants were attended give their Name, Designation, College/Industry name they are working

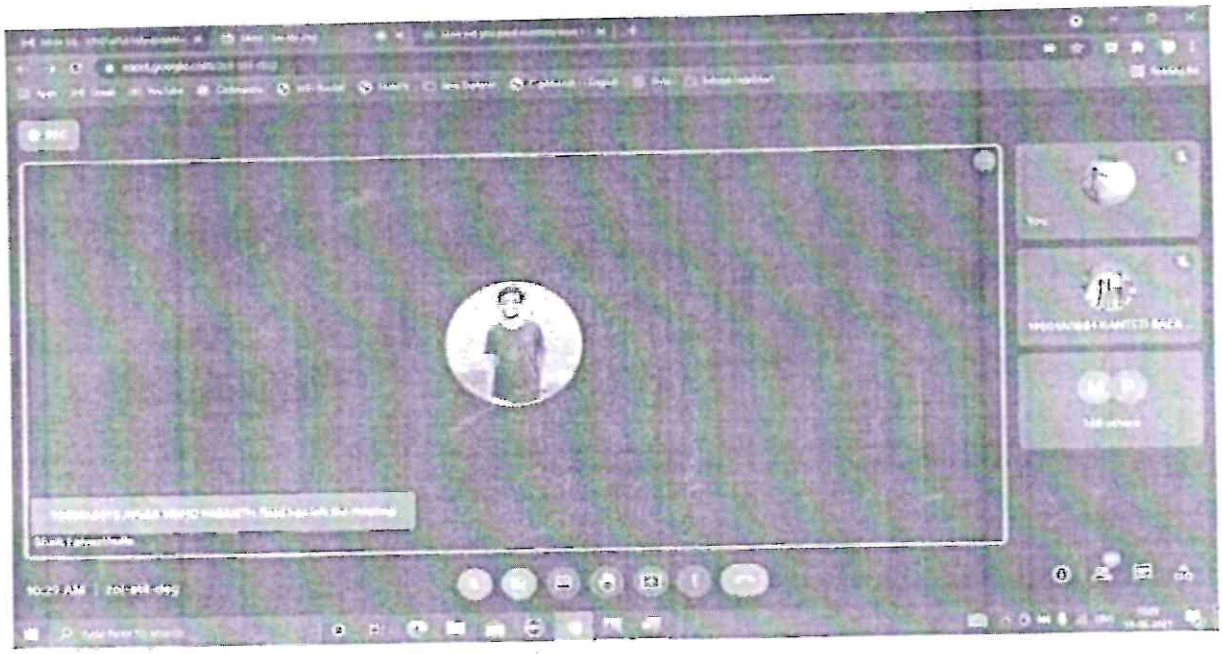
   c)Total No. of Participants : 167

8. Topics covered: **Process flow and Phases in Software Development with application examples, Optimal Code and Upskilling.**

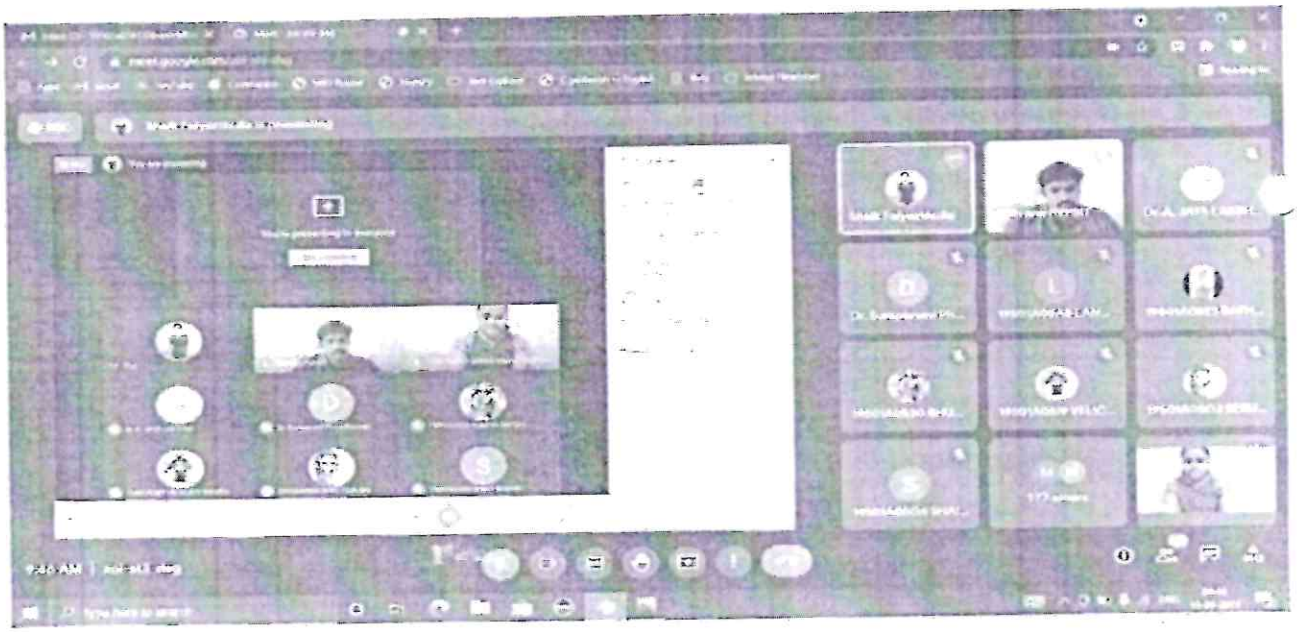
9. Brief Description of the Event: Minimum 250 words:

Role of Algorithms – A brief introduction about Process flow and Phases in Software Development with application examples. Explains in detail along with Real time projects in TCS. Also given the suggestions for improving optimization skills: to develop

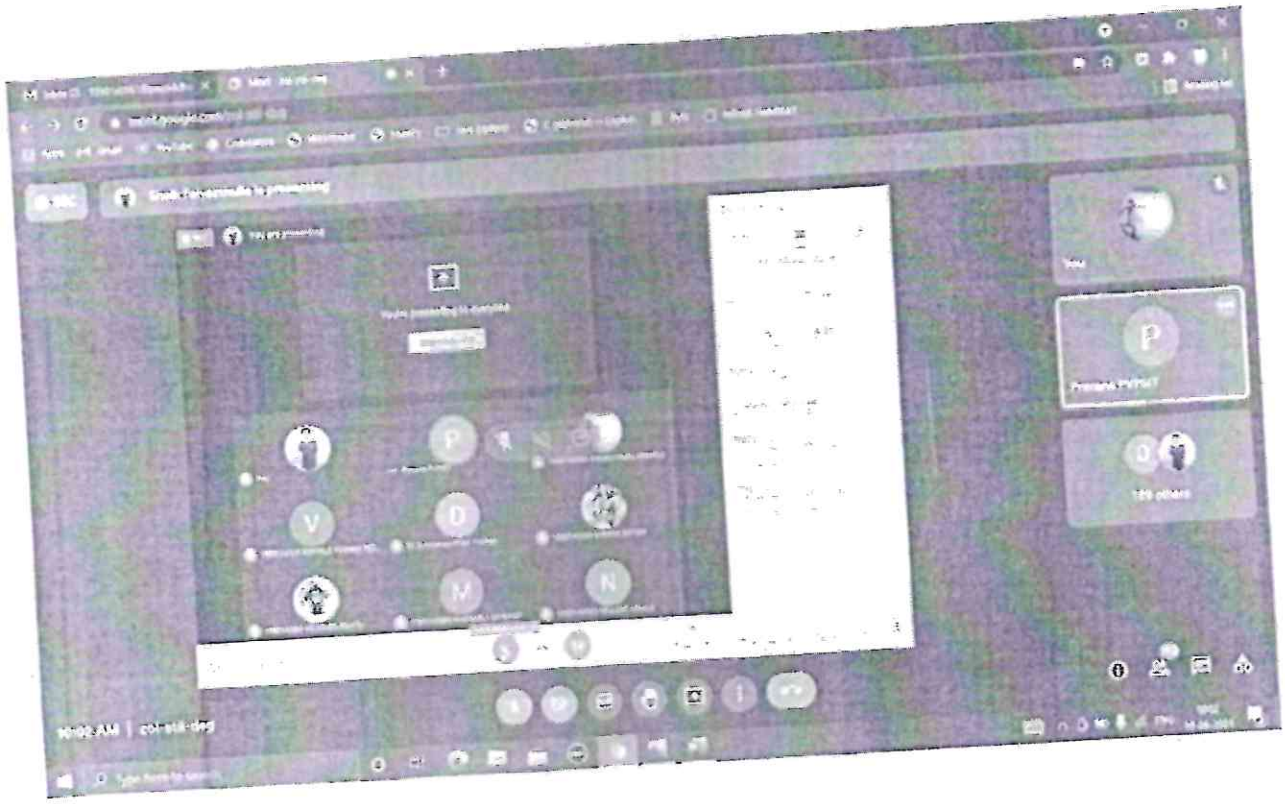
optimum code. Explains about different kinds of companies – atmosphere over there, about upskilling and how companies spend on the resources .



Resource Person



Interaction with a Resource person



Doubts Clarification

Prasad V.Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INDUSTRY INSTITUTE INTERACTION-WEBINAR
ON
ROLE OF ALGORITHMS IN SOFTWARE DEVELOPMENT

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
AUTONOMOUS, Permanently Affiliated to JNTUK, KAKINADA
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WEBINAR on

RESOURCE PERSON :
Mr. Faiyazthulla Shaik
Developer, Systems Engineer,
Tata Consultancy Services Pvt. Ltd

LINK :
https://meet.google.com/zoi-stii-dsg

Faculty Coordinators :
Mr. K.Venkatesh
Ms. Kirti Paliwal
Ms. Shilpee Kumari

Student Coordinator :
G. Vimal Keerthi II B.Tech CSE

Saturday
June 19th,
2021
9:30 AM

Flyer of a Webinar

(2)

Prasad V.Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Event Summary Report

1. Name of the Event:**Role of XML in Web Development**
2. Event Type: **Industry Institute Interaction-Webinar**
3. Curriculum course - **WEB TECHNOLOGIES**
4. Event Date: 21-05-2021
5. Name of the Industry: **HCL Technologies**
6. Resource Person Details:
   Miss. B.Lakshmi Madhuri,

   Business Analyst

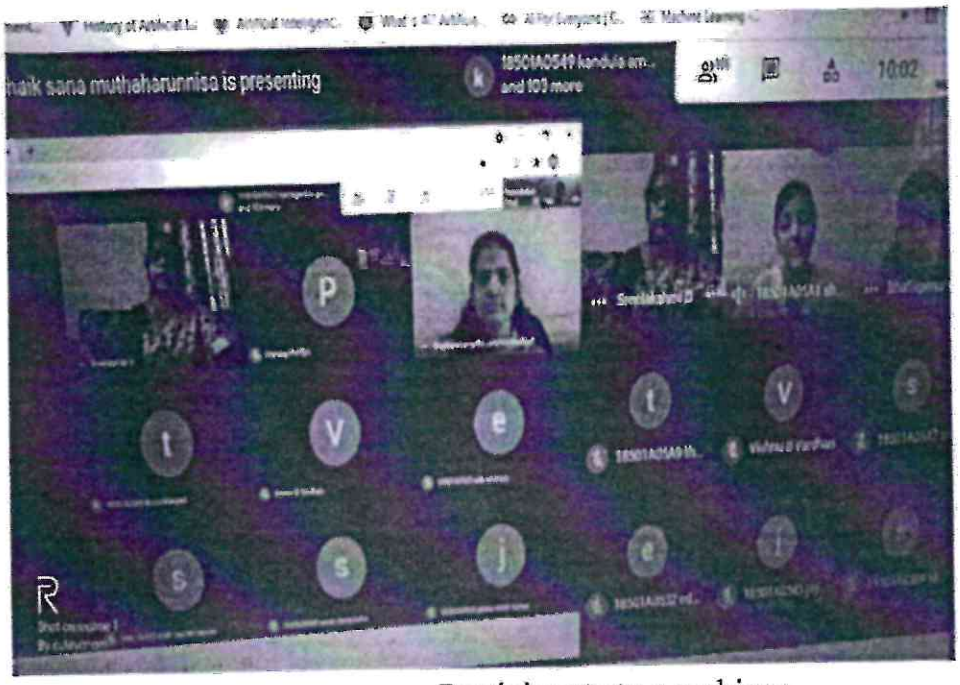
   HCL Technologies

   Hyderabad

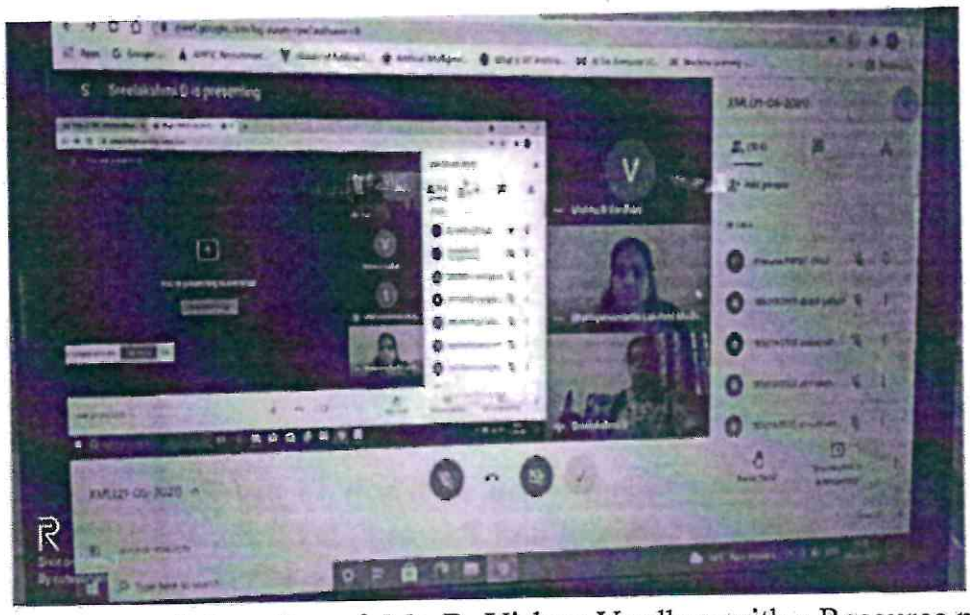
   madhuribhatlapenumarthi@gmail.com,

   STAR Performer
7. Attendees of the Event: (Student s/ Faculty / Both) : **III B.Tech. Students**
8. No. of participants: **129**
9. Topics covered: **DTD, XSD and XSLT along with simple application examples**
10. Brief Description of the Event:

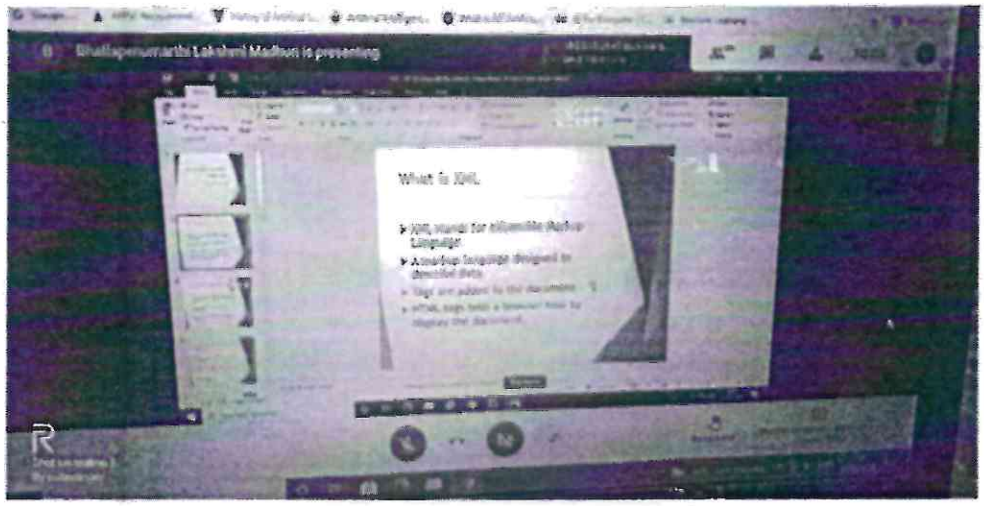
What is XML – a brief introduction and how to use XML in developing web applications.Creation of Internal and External DTDs to use in XML.Explains in detail along with simple application of XSD and XSLT.And the importance of XML in various kinds of web applications.Mostly all industries having their own website for their services and their activities.So, how the XML place important role in developing web applications. Through this webinar students get more knowledge about XML and different kinds of web applications



Participants to a webinar



Interaction of Mr. B. Vishnu Vardhan with a Resource person

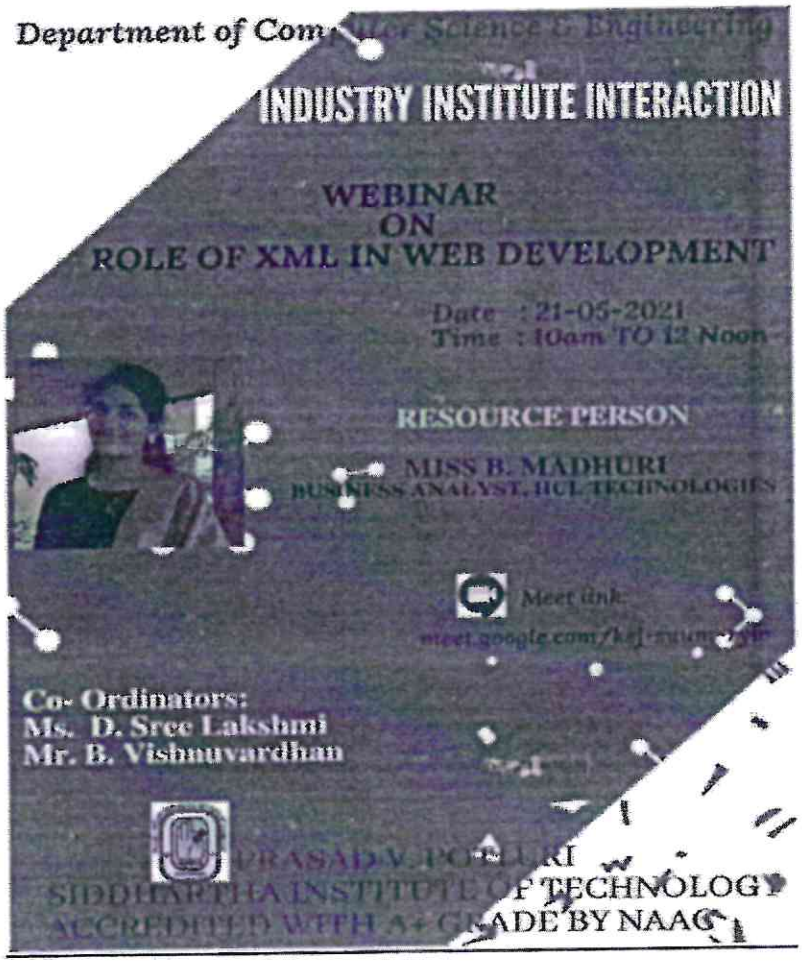


Content of a Webinar

Prasad V.Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INDUSTRY INSTITUTE INTERACTION-WEBINAR
ON
ROLE OF XML IN WEB DEVELOPMENT



Flyer of a Webinar

(3)

Prasad V.Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Event Summary Report

1. Name of the Event: **Web Development**
2. Event Type: **Industry Institute Interaction-Webinar**
3. Curriculum course - **HUMAN COMPUTER INTERACTION**
4. Event Date : 08-05-2021
5. Name of the Industry: **INFOSYS**
6. Resource Person Details:

   Mr. Teja Venkata Krishna Yanamadala,

   Technology Analyst

   Infosys Ltd,

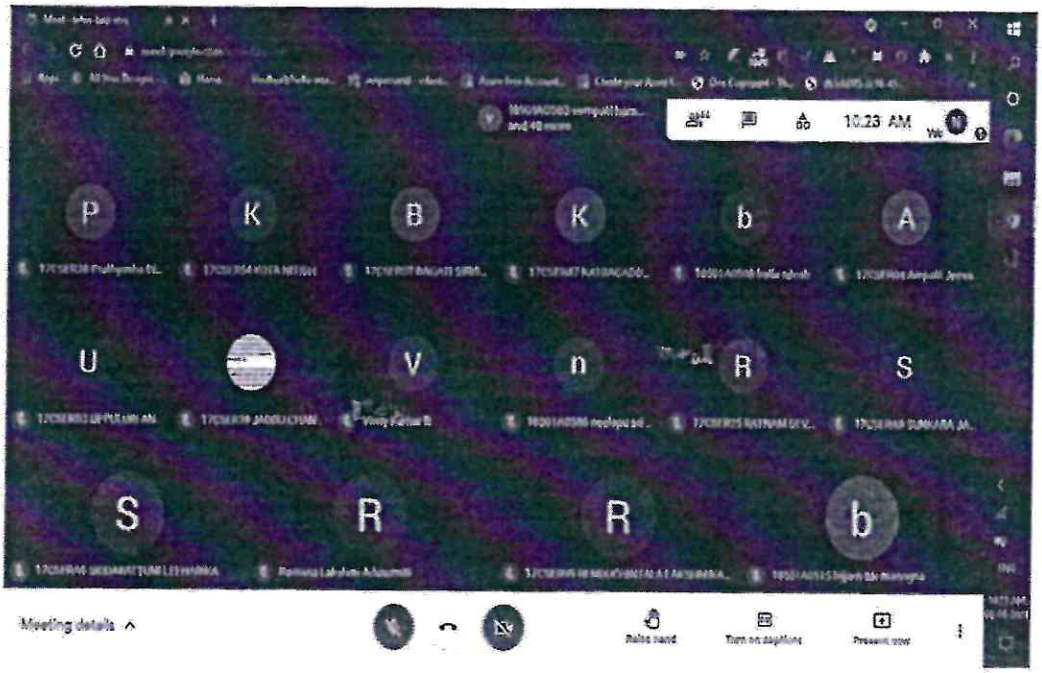
   Hyderabad

   tejayanamadala@gmail.com

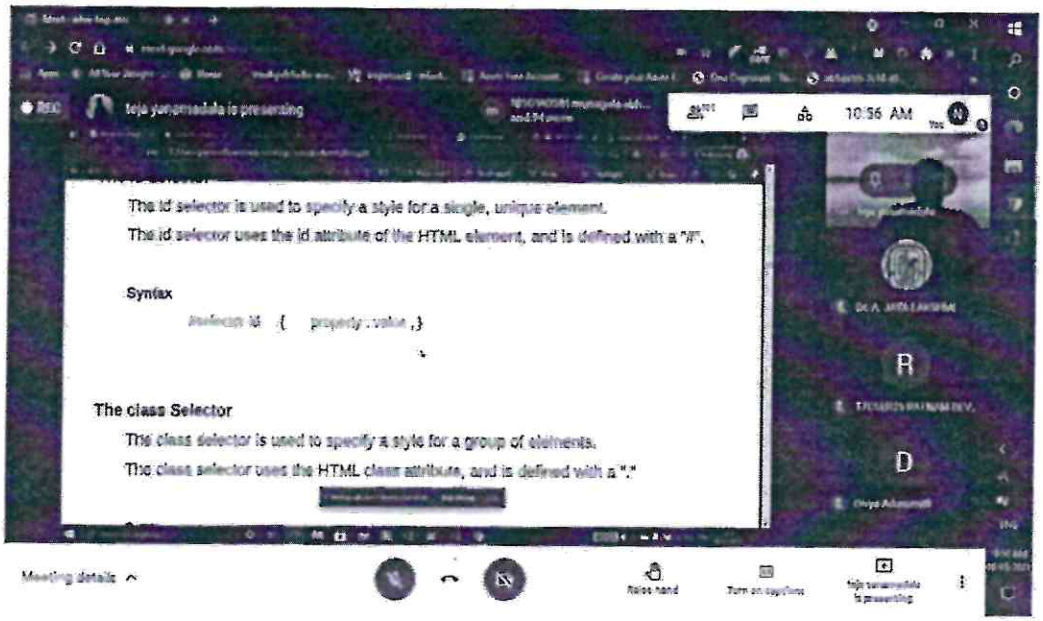
7. Attendees of the Event: (Students/ Faculty / Both) : **IV B.Tech. Students**
8. Number of participants: **101**
9. Topics covered: **HTML, CSS, JAVA SCRIPT, JQUERY &ANGULAR JSP along with simple application examples**
10. Brief Description of the Event:

What is HTML – a brief introduction and how to use HTML in developing documents designed to be displayed in a web browser. Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. Creation of Internal and External CSS to use and Changing HTML styles. Explains in detail along with simple application of JAVA SCRIPT and JQUERY. JQUERY takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code. And explain the importance of Angular JSP a structural framework in various kinds of dynamic web applications. Through this

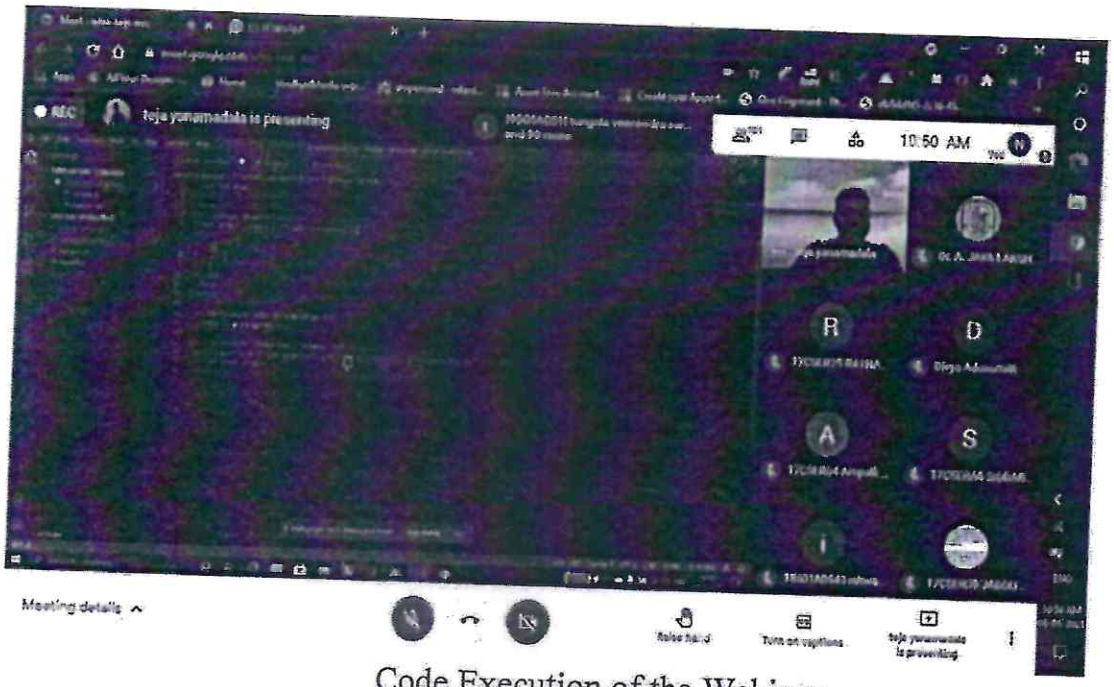
webinar students get more knowledge about HTML, JAVA SCRIPT and ANGULAR JSP.



Participants to a webinar



Content of a Webinar

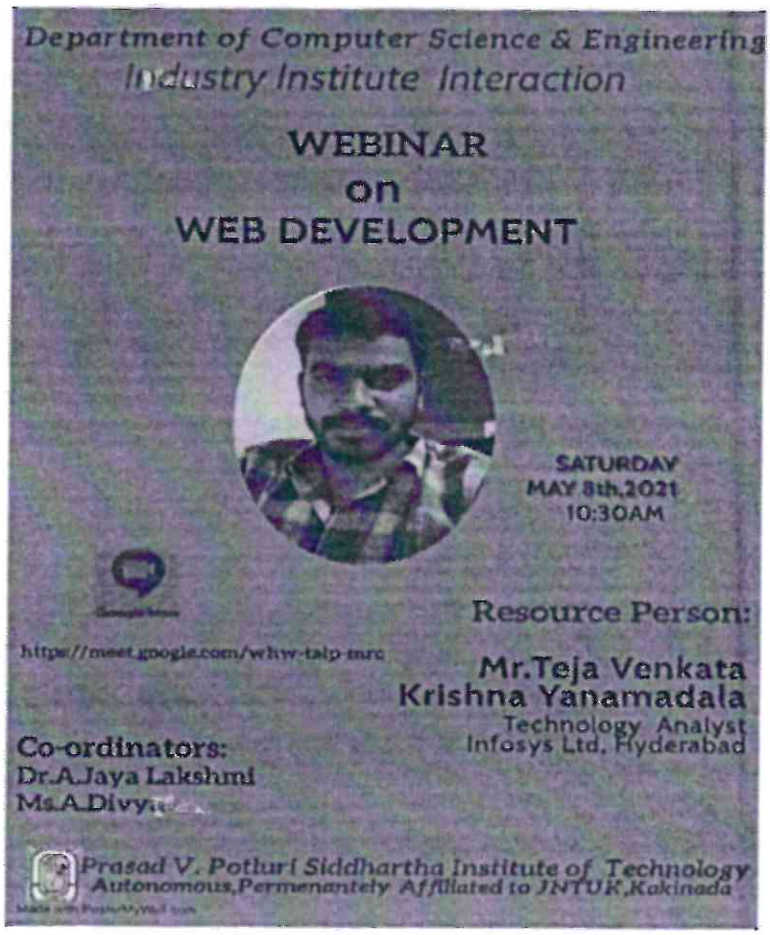


Code Execution of the Webinar

Prasad V.Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INDUSTRY INSTITUTE INTERACTION-WEBINAR
ON
WEB DEVELOPMENT



Flyer of a Webinar

(7)

Prasad V. Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Event Summary Report

1. Name of the Event: **HANDS ON FDP AND STUDENT WORKSHOP ON BLOCKCHAIN TECHNOLOGY**
2. Event Type: Workshop /FDP
3. Duration: Dates (18th jan 2021 – 22nd jan 2021)
4. Venue: Online mode (PVPSIT)
5. Resource Person (s) with complete address along with mail-id:

   Ankita Bhagoliwal

   Certified Blockchain Expert | Lean Six Sigma Certified

   System engineer Tata Consultancy Services

   E-mail ankita14bhagoliwal@gmail.com

   Phone 8871709505

   Awards and Certificates

   Awarded as the Star Performer of the Year in TCS consecutively for two years Awarded the Corporate Social Responsibility Champ Certified Blockchain Expert V2 Certified IBM Blockchain Foundation for Developers and Blockchain Essentials from IBM Certified Lean Six Sigma - Yellow Belt Certified Lean Six Sigma - Green Belt
6. Topics covered: Block chain Architecture, Hash Cryptography, Crypto Currency, Bit coin, Smart Contract, Ethereum, Solidity, Hyper Ledger, Etc.,
7. Amount Spent: NIL
   a) Amount collected from students if any
8. Event conducted for: Both Students & Faculty
9. No. of participants:
   a) Mention Count separately if students and faculty both were attended
      Students – 100
      Faculty - 21
   b) If any outside participants were attended give their Name, Designation, College/Industry name they are working
   c) Total No. of Participants - 32
10. Target Audience (IVth year students & Staff)

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY

Accredited with A+ grade by NAAC

AUTONOMOUS, ISO 9001:2015 Certified Institute,

Permanently Affiliated to JNTUK, KAKINADA

ALL UG Programmes are accredited by NBA under Tier -1

TATA

TATA CONSULTANCY SERVICES

Hands on

Faculty Development Program & Student Workshop on Blockchain Technology

Date(s) : 18th To 22nd January 2021

Time : 10:00 AM - 12:30 PM

Organised by

Department of Computer Science and Engineering

in association with

Academic Interface Program,

TCS, Hyderabad

Ankita Bhagoliwal (Resource Person)

Certified Blockchain Trainer |

Blockchain Expert

Lean Six Sigma Certified,

System Engineer

Tata Consultancy Services

Richard King

Regional Head

Academic Interface Prog

TCS Hyderabad

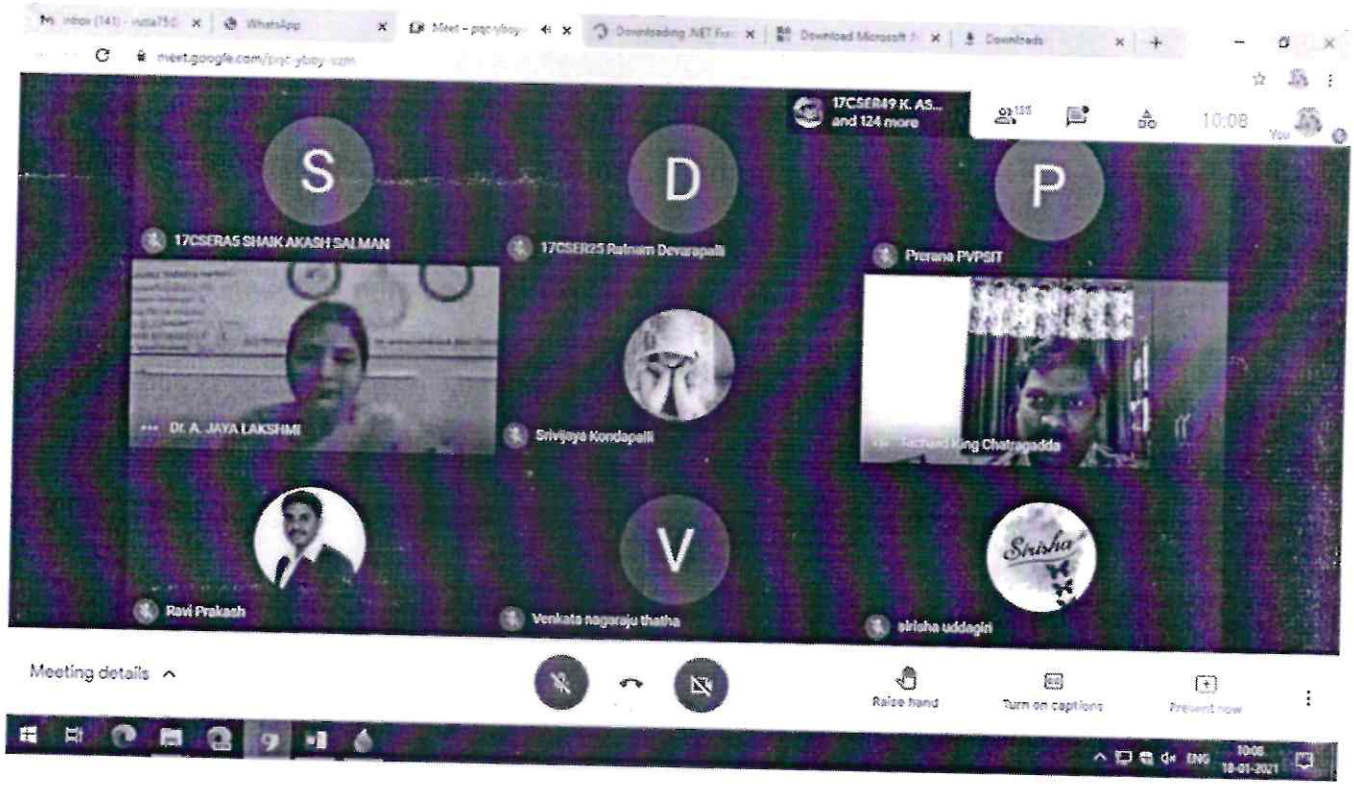
Note: Submit Brochure, Attendance of participants, 1 or 2 filled feedback forms

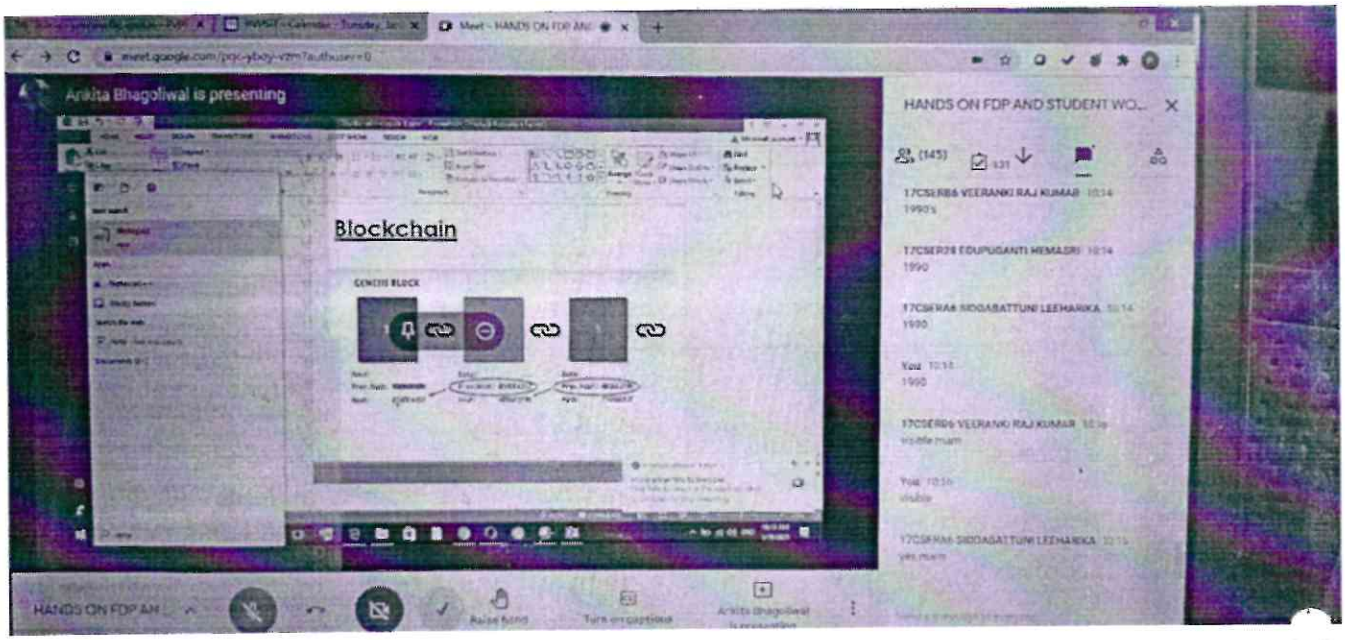
11. Brief Description of the Event: Minimum 250 words

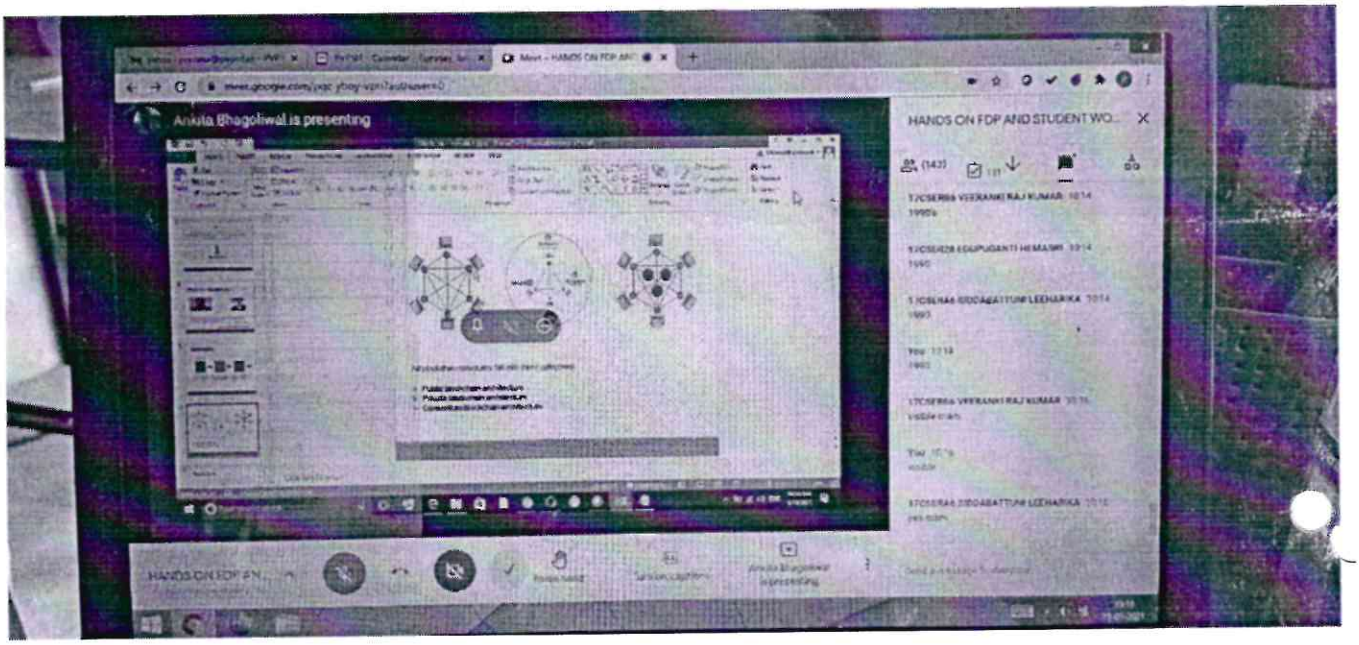
The objective of the One-week FDP on Blockchain Technology is to introduce fundamentals of blockchain technology as well as implementations of blockchain technology with their real-time applications. One Week FDP on Blockchain technology that features Blockchain programming, Solidity, Ethereum, the ideas of distributed ledger, Hyperledger, MultiChain, cryptocurrency, Bitcoin mining, Blockchain design, core layers, applications, and more.

This FDP would connect professionals, researchers and people from the industry, to confabulate on development on futuristic research and the practical utilization of blockchain technologies, and also focus on the application and the technologies that are built. The objective of this FDP was also to focus on emerging technology in blockchain.

12. Place 2 – 3 photos




Ankita Bhagoliwal is presenting
Blockchain
GENESIS BLOCK
HANDS ON FDP AND STUDENT WO...


Ankita Bhagoliwal is presenting
HANDS ON FDP AND STUDENT WO...

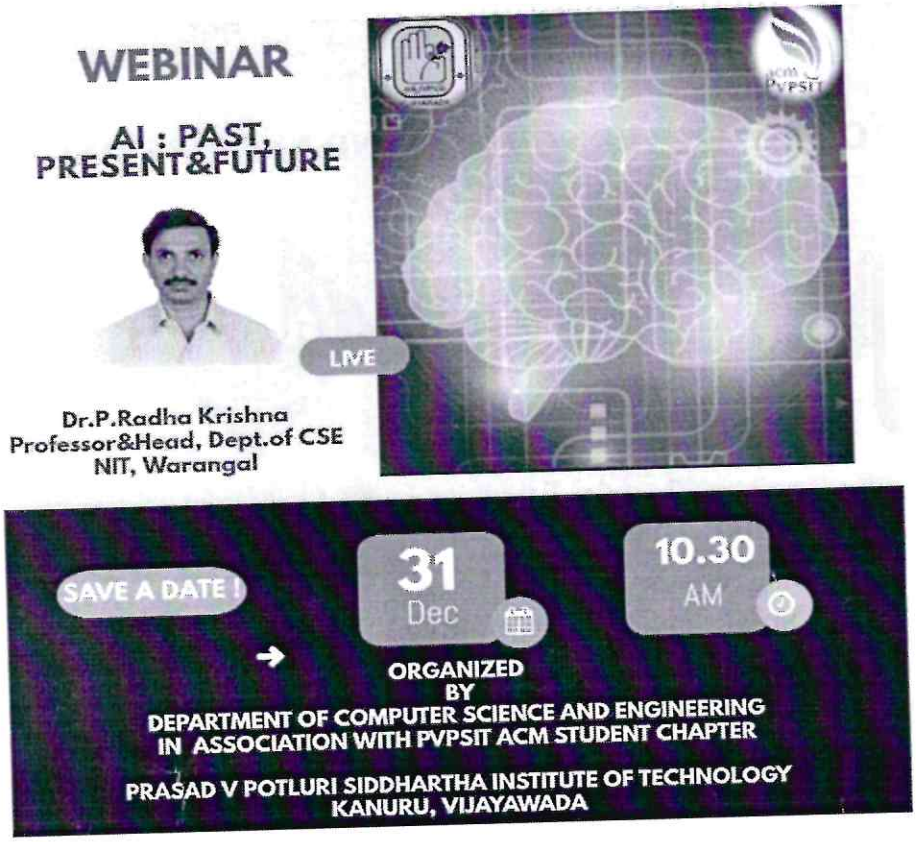
(8)

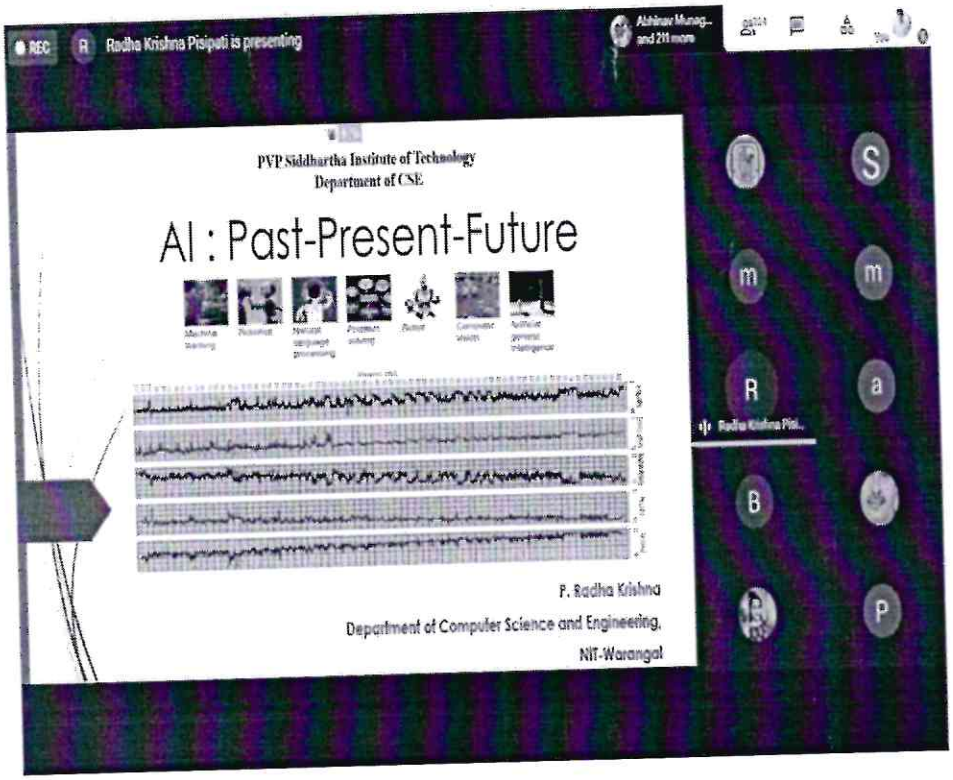
Prasad V Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

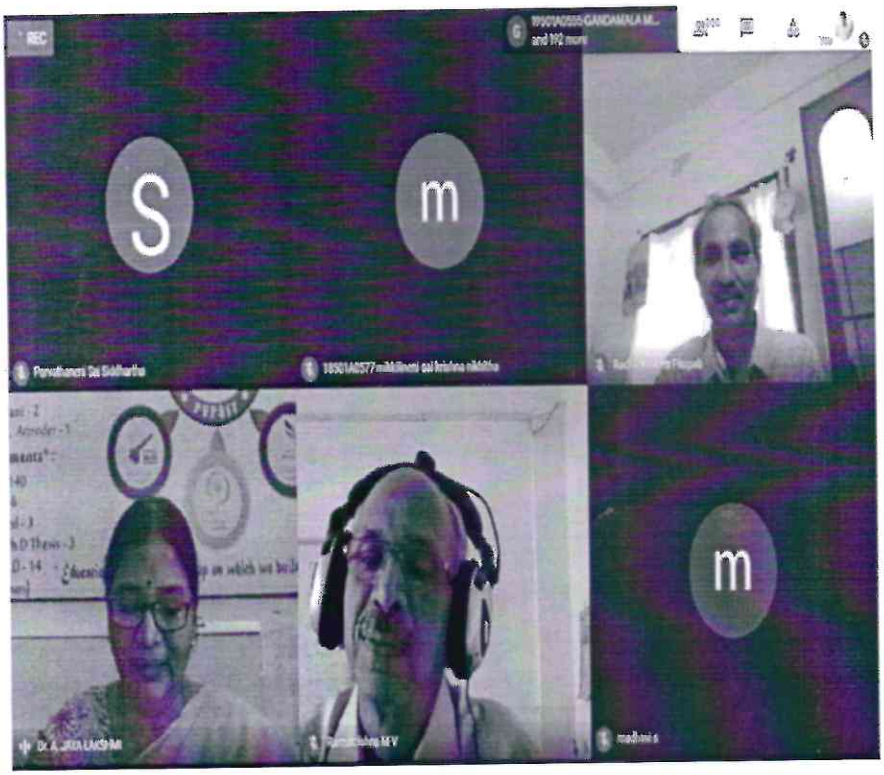
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

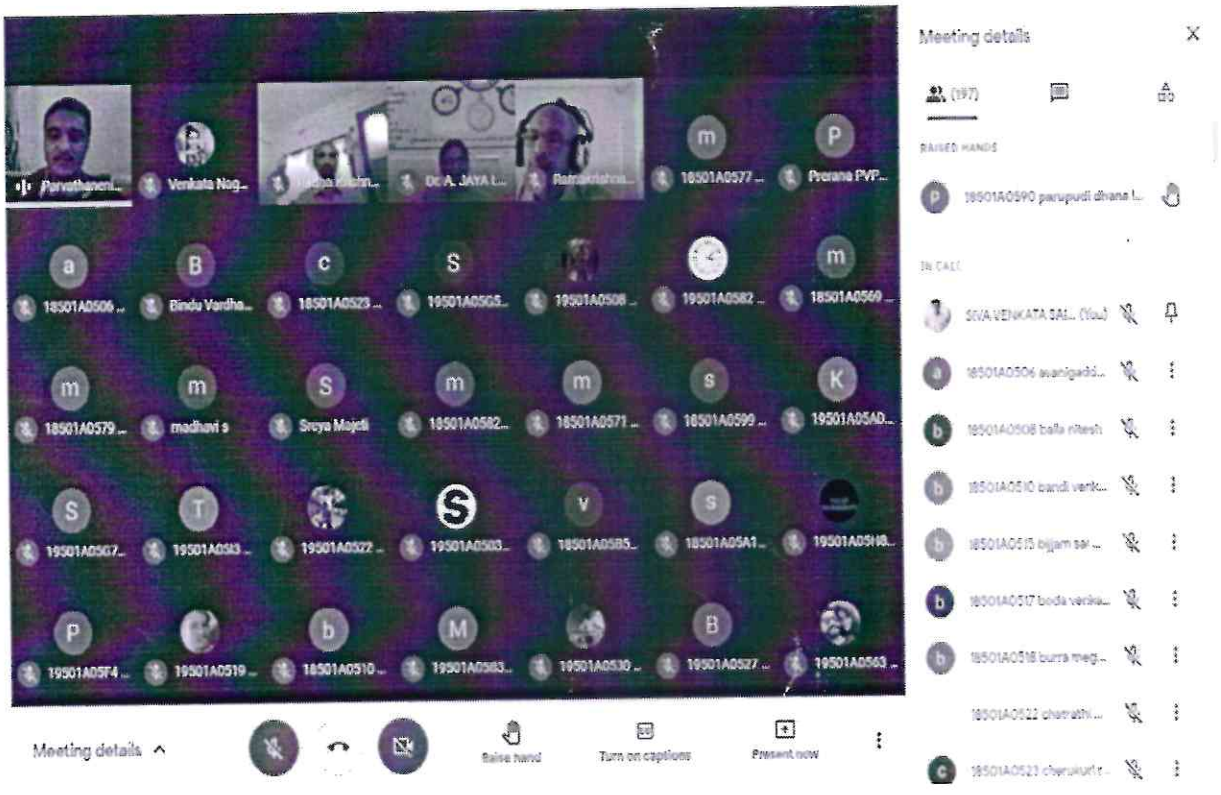
Event Summary Report

1. Name of the Event: **AI: Past, Present & Future**
2. **Coordinators** : **Dr. J.Ramadevi,Sr.Asst.Prof,CSE**
   Mrs.T.Srilakshmi,Asst.Professor,CSE
3. Event Type: **A** webinar association with ACM Student chapter .
4. Duration: **(One-Day) 31-12-2020(10.30 AM to 1.15 PM)**
5. Venue: **PVPSiddhartha Institute of Technology,Kanuru,Vijayawada,AP.**
6. Resource Person: (Name, Designation, Address, Qualification and achievements)
   Dr.P.Radha Krishna, Professor & Head, Department of Computer Science and Engineering, NIT Warangal.
7. Topics covered:
   Introduction to Artificial Intelligence.
   Trends in real world Applications
   Deep learning, CNN for Text classification.
   AI & ML Applications
8. Amount Spent: Rs **5000/-**
9. Event conducted for: **ACM Student Chapter organizing team**
10. No. of participants: **213**
11. Brief Description of the Event: Minimum 250 words
12. Place 2 – 3 photos:


WEBINAR
AI : PAST, PRESENT&FUTURE
LIVE
Dr.P.Radha Krishna
Professor&Head, Dept.of CSE
NIT, Warangal
SAVE A DATE !
31
Dec
10.30
AM
ORGANIZED
BY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
IN ASSOCIATION WITH PVPSIT ACM STUDENT CHAPTER
PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA


REC
Radha Krishna Pisipati is presenting
PVP Siddhartha Institute of Technology
Department of CSE
AI : Past-Present-Future
P. Radha Krishna
Department of Computer Science and Engineering,
NIT-Warangal

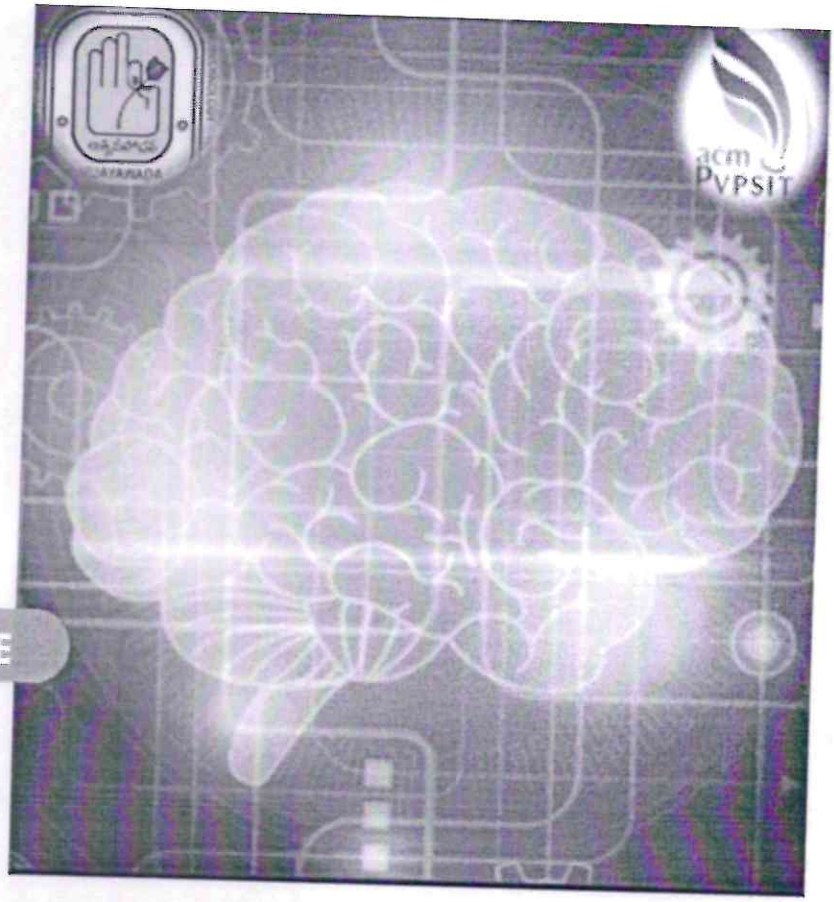




HEAD
Department of
Computer Science & Engineering
PVP Siddhartha Institute of Technology
Kanuru, Vijayawada-520 007.

WEBINAR

AI : PAST, PRESENT&FUTURE



LIVE

Dr.P.Radha Krishna
Professor&Head, Dept.of CSE
NIT, Warangal

SAVE A DATE !

31 Dec

10.30 AM

ORGANIZED BY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
IN ASSOCIATION WITH PVPSIT ACM STUDENT CHAPTER

PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
KANURU, VIJAYAWADA

(19

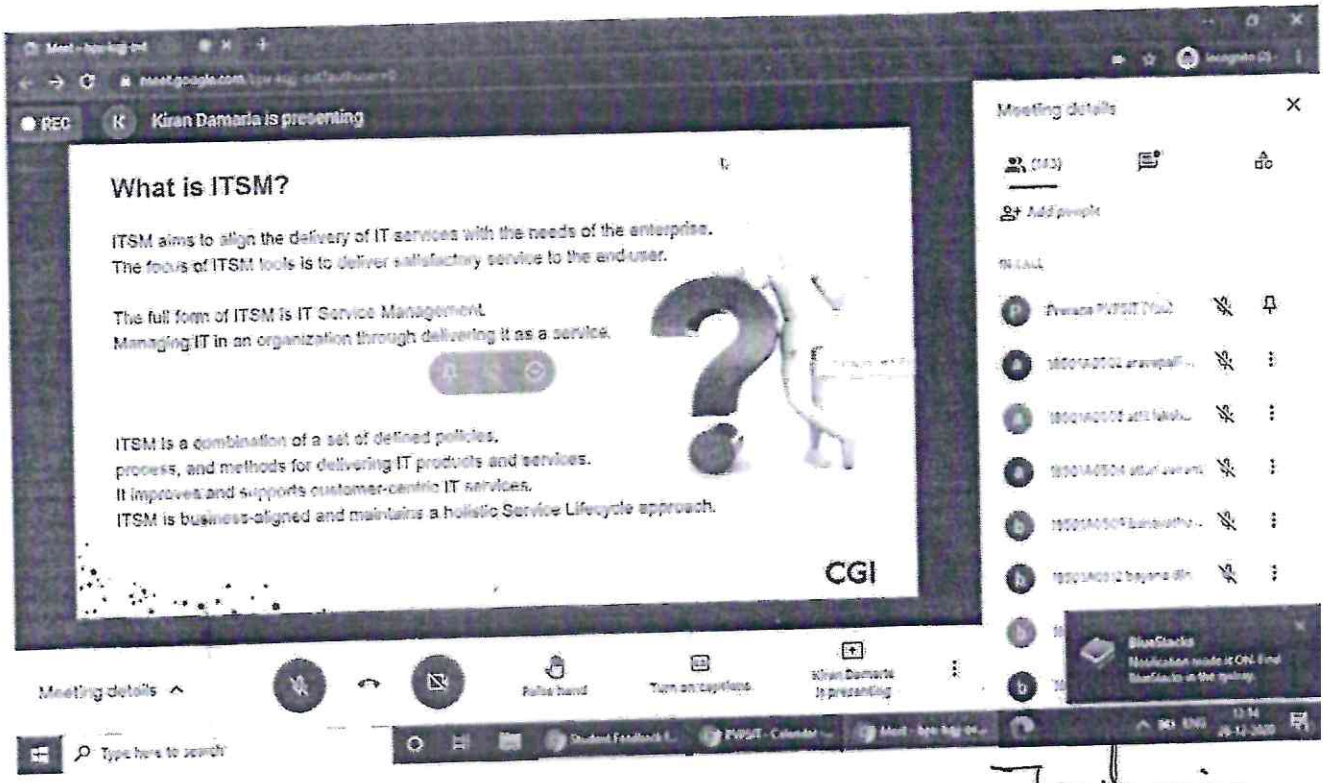
Prasad V Potluri Siddhartha Institute of Technology
Kanuru, Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Event Summary Report

1. Name of the Event: **Webinar on "Information Technology Service Management"**
2. Event Type: **webinar(Alumni webinar Sequence#4)**
3. Duration: 2 Hrs. on **26-12-2020 (One day)**
4. Venue: **Online Mode (Google Meet)**
5. Resource Person: **Mr. Kiran Bharat Kumar. D** (M.S., United Kingdom), Sr. Software Engineer, CGI Technologies, Hyderabad, India
6. Topics covered:
    1. **Information Technology Service Management Introduction**
    2. **Brief explanation of Service chain**
    3. **Introduction to Emerging Technologies**
    4. **Career in ITSM**
    5. **Internship Opportunities**
7. Amount Spent: Nil
8. Event conducted for: **III B.Tech CSE students**
9. No. of participants: (Mention Count separately if students and faculty both are attended) **:120**
10. Brief Description of the Event: The webinar is conducted for III B.Tech CSE students to make aware of Information Technology Service Management which is required for all aspirants who want to build their career in the field of IT. The resource person aims to introduce the chain process of service management in IT and building career in IT as well as the opportunities of Internship in emerging technologies like Big Data Analytic, Block Chain Technology and etc.

11. Photos



HEAD
Department of
Computer Science & Engineering
VP Siddhartha Institute of Technology
Kanuru, Vijayawada - 520 007.

PRASAD V. POTLURI
SIDDHARTHA
INSTITUTE OF TECHNOLOGY

ALUMNI WEBINAR SEQUENCE #04

Information Technology Service Management

12PM@ 26-12-2020

Mr. Kiran Bharat Kumar. D
M.S. (United Kingdom)
Sr. Software Engineer
CGI Technologies

Organised by
Department of CSE
PVPSIT, Kanuru, Vijayawada

HEAD
Department of
Computer Science & Engineering
PVP Siddhartha Institute of Technology
Kanuru, Vijayawada-520 007.

(14)

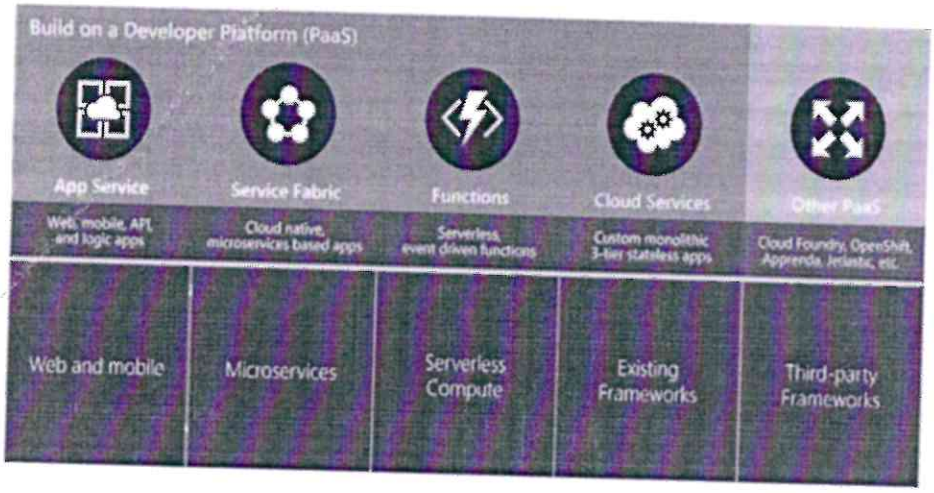
Prasad V.Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

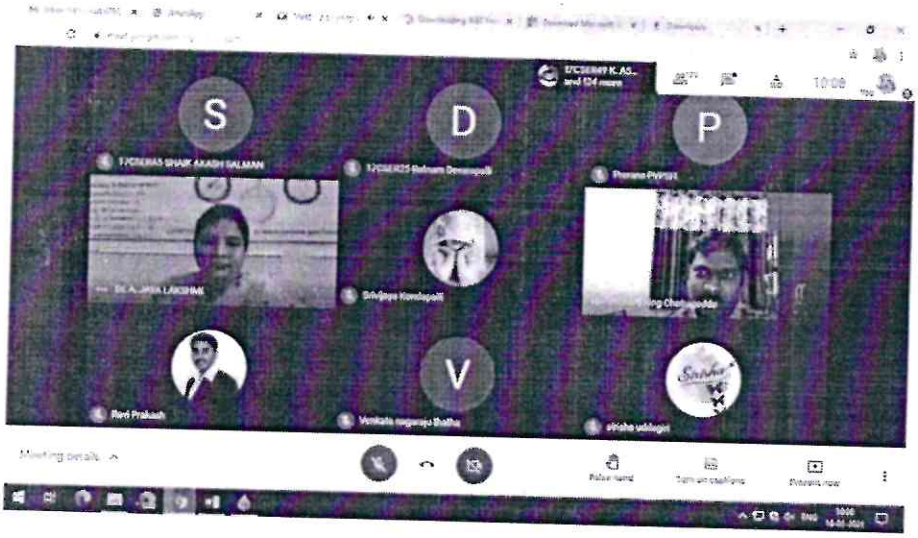
Event Summary Report

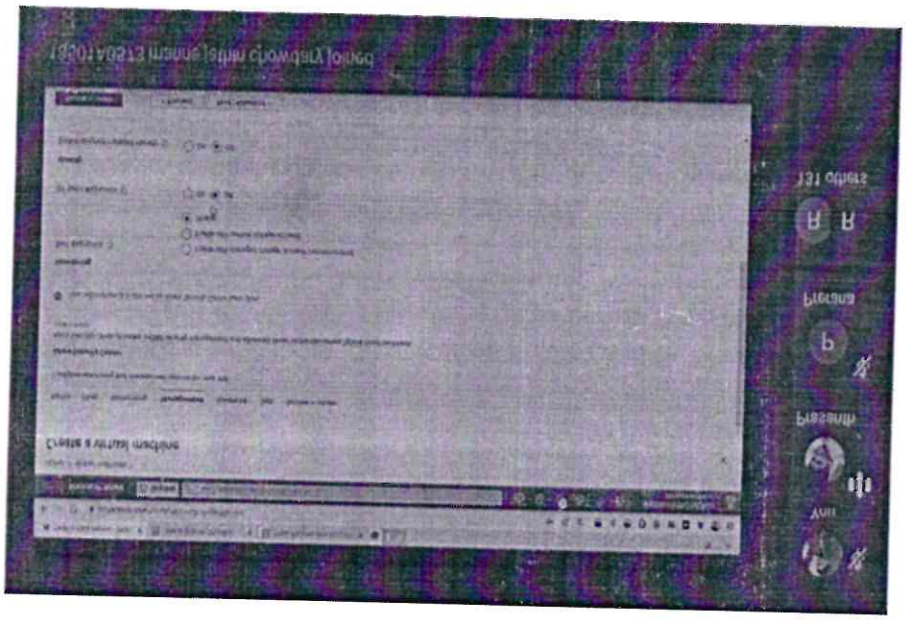
1. **Name of the Event:** HANDS ON FDP AND STUDENT WORKSHOP ON CLOUD COMPUTING WITH MICROSOFT AZURE
2. **Event Type:** Industry Institute Interaction-FDP & STUDENT WORKSHOP
3. **Date of the Event :** 09-11-2020 To 14-11-2020
4. **Name of the Industry**: Tata Consultancy Services
5. **Resource Person Details:**
   Mr. Prasanth Sahoo, Certified Blockchain Expert | Cloud Trainer | Cloud Architect, Tata Consultancy Services, Hyderabad. Prasanthsahoo45@gmail.com,
6. **Attendees of the Event:** IV B.Tech. Students & Faculty
7. **No. of participants: 125** (Students – 103; Faculty – 22)
8. **Topics covered:**
   Cloud Concepts, Azure Account, Deploying Azure Virtual Machines, Configuring and Managing Azure Virtual Network, Implement and Manage Azure Storage, Azure Core Services and Products, Azure Solutions, Security, Compliance and Trust and Azure Pricing and Support
9. **Brief Description of the Event:**
   Microsoft Azure is a cloud computing service created by Microsoft for **building, testing, deploying, and managing applications and services through a global network of Microsoft-managed data centers**. It provides **software as a service (SaaS), platform as a service (PaaS) and infrastructure as a service (IaaS)** and supports many different programming languages, tools and frameworks, including both Microsoft-specific and third-party software and systems.

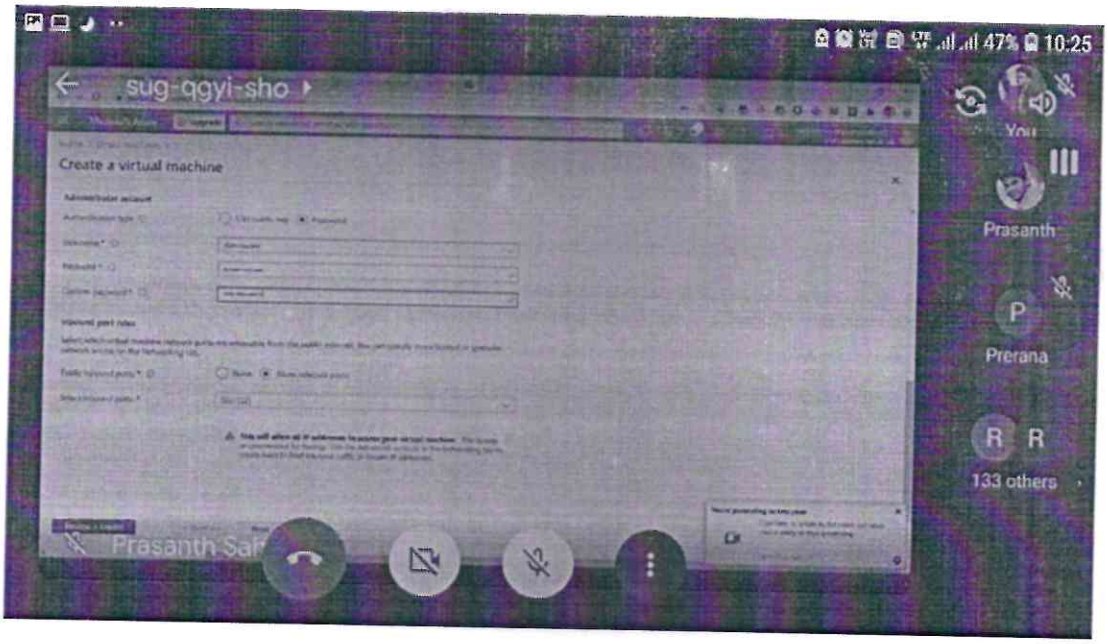
   Azure Application Platform

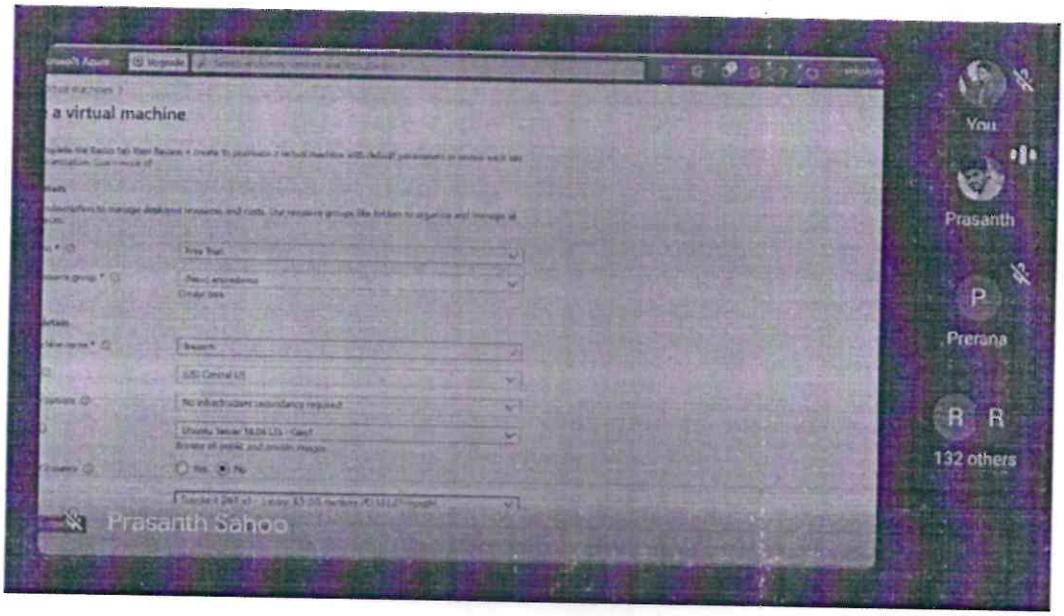


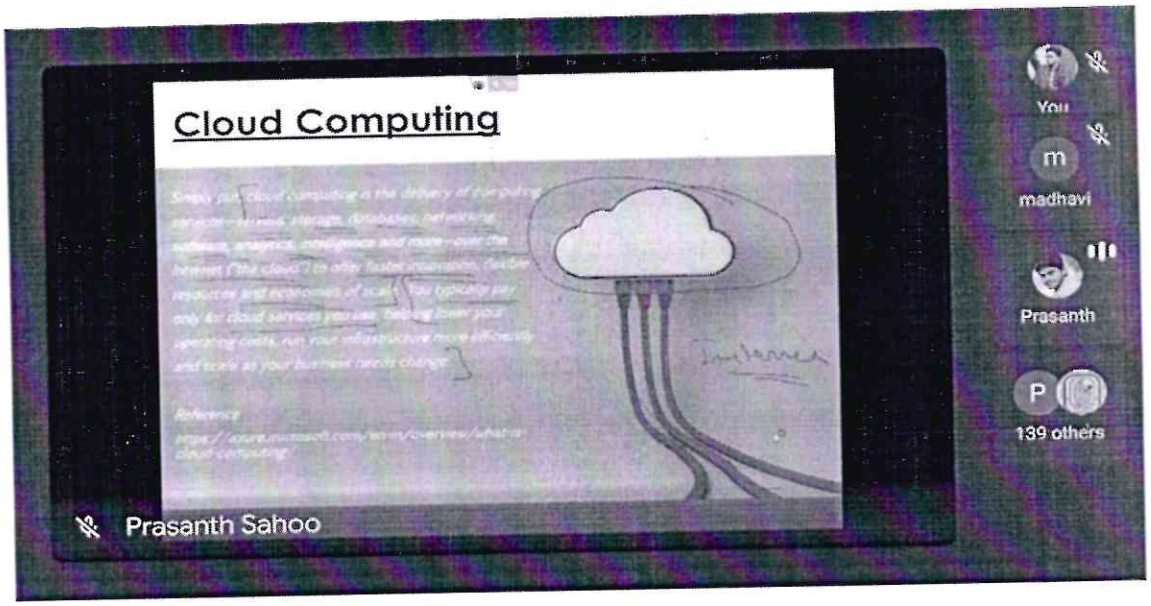
Sample Photos of FDP

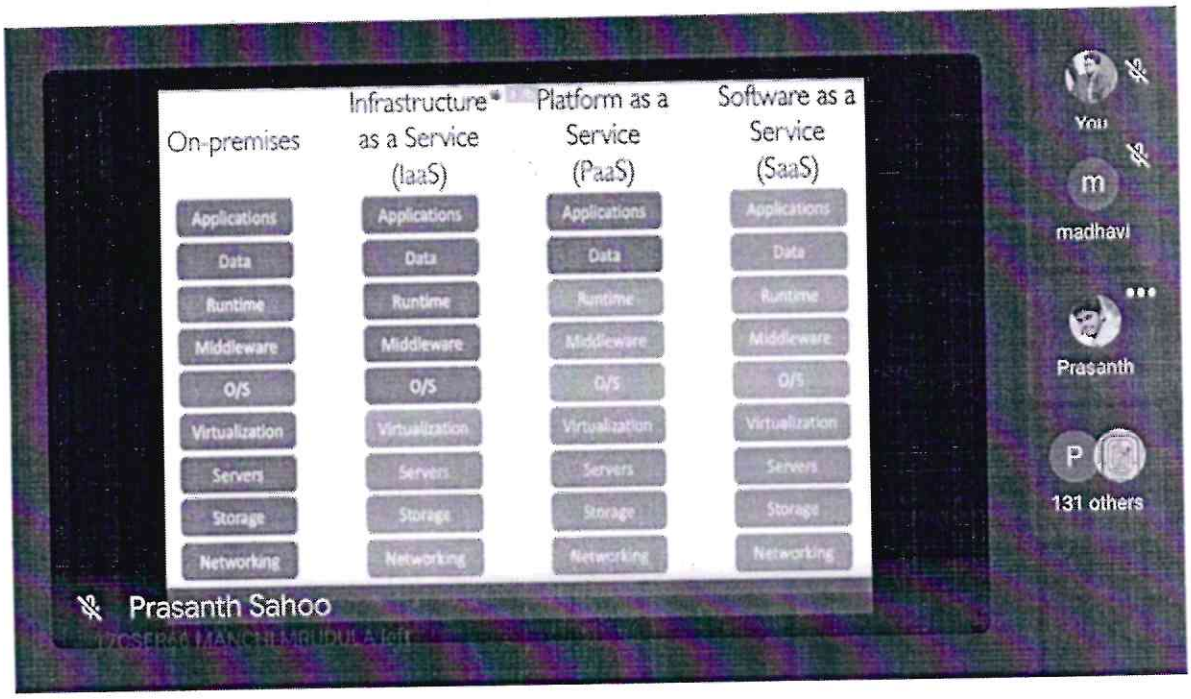





sug-qgyi-sho
Create a virtual machine
You
Prasanth
P
Prerana
R R
133 others
Prasanth Sa


a virtual machine
You
Prasanth
P
Prerana
R R
132 others
Prasanth Sahoo


Cloud Computing
Prasanth Sahoo
You
madhavi
Prasanth
139 others


On-premises
Infrastructure as a Service (IaaS)
Platform as a Service (PaaS)
Software as a Service (SaaS)
Applications
Data
Runtime
Middleware
O/S
Virtualization
Servers
Storage
Networking
Prasanth Sahoo
You
madhavi
Prasanth
131 others

(17)

Prasad V.Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Event Summary Report

1. Name of the Event: **Webinar on "Machine Learning and Deep Learning – An Industry perspective"**
2. Event Type: **Industry Institute Interaction-Faculty & Student Webinar**
3. Date of the Event : 19-09-2020
4. Name of the Industry: **Tata Consultancy Services**
5. Resource Person Details: **Mr. G Aravind,**
   Developer for Machine Learning, Deep Learning and Internet of Things,
   Tata Consultancy Services
   Hyderabad.
   email:g.aravind309@gmail.com

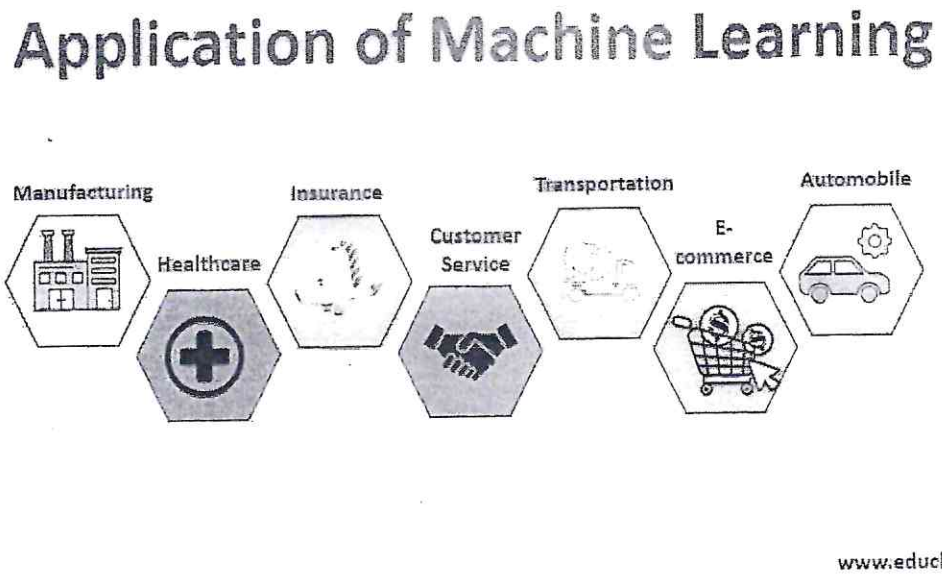
   - Hackathon winner organized by Google Cloud Developers Division in collaboration with start-ups at Portland Oregon.
   - Experience in using agile/scrum methodology
   - Automation for testing of DL,IoT frameworks.

6. Attendees of the Event: **IV B.Tech. Students & Faculty**
7. No. of participants: **200** (Students – 130; Faculty – 70)
8. Brief Description of the Event: Minimum 250 words :

   ❖ **Perspective of Machine Learning:** The concepts of machine learning is classified into supervised and unsupervised learning techniques which in turn has a sub-classification of Clustering, Classification and Regression techniques with a set of algorithms in each set of sub-classification.

   ❖ Machine learning also helps in estimating disease breakthroughs, driving medical information for outcomes research, planning and assisting therapy, and entire

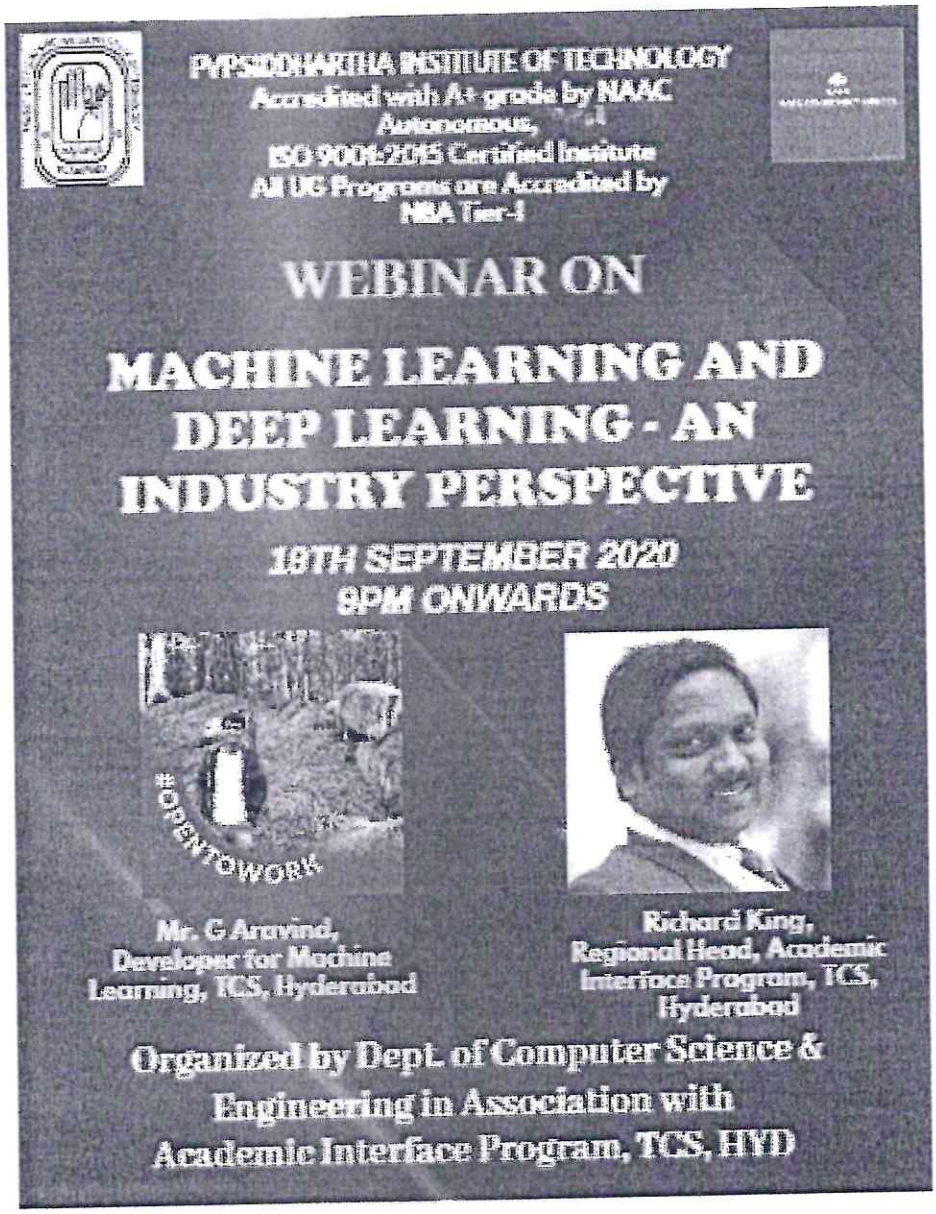
patient management. Along with machine learning, AI in healthcare is also implemented for efficient monitoring.



❖ Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow

By using concrete examples, minimal theory, and two production-ready Python frameworks—Scikit-Learn and TensorFlow

- Explore the machine learning landscape, particularly neural nets
- Use Scikit-Learn to track an example machine-learning project end-to-end
- Explore several training models, including support vector machines, decision trees, random forests, and ensemble methods
- Use the TensorFlow library to build and train neural nets
- Dive into neural net architectures, including convolutional nets, recurrent nets, and deep reinforcement learning.



Flyer of Webinar

Coordinator Signature

(Dr. LAKSHMI RATNANI. B.)

21/9/2020

Signature of HOD

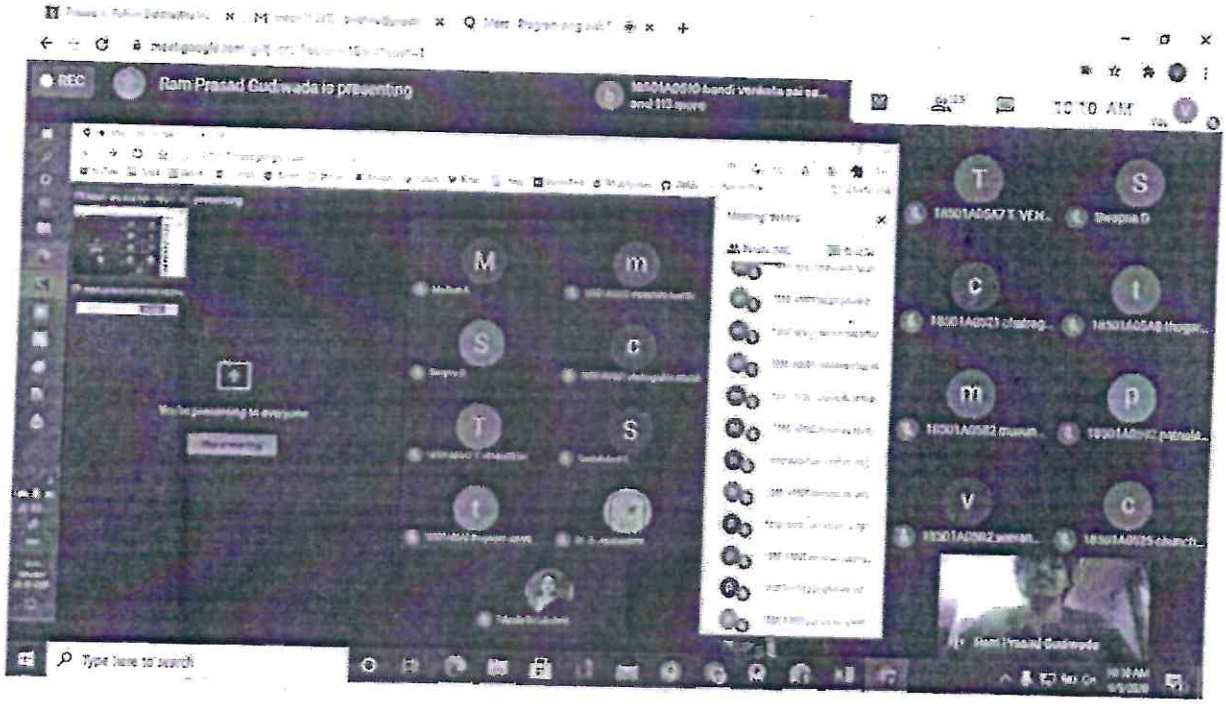
HEAD
Department of
Computer Science & Engineering
PVP Siddhartha Institute of Technology
Kanuru, Vijayawada-520 007.

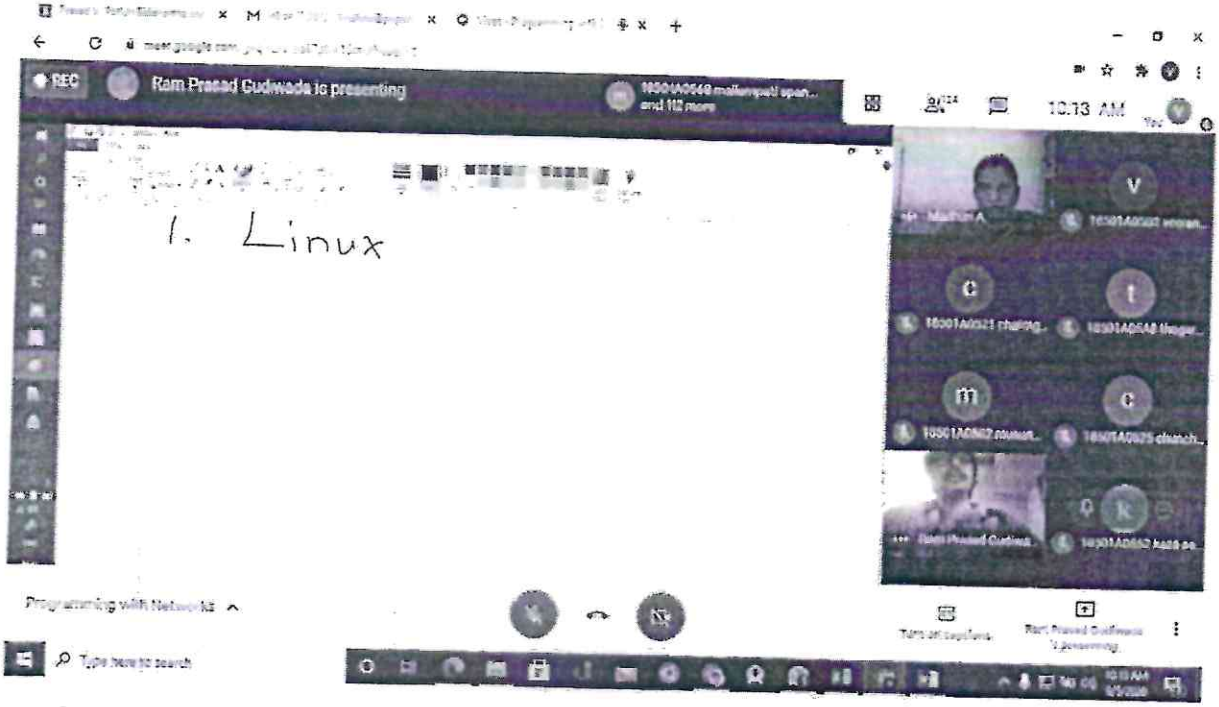
Prasad V Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

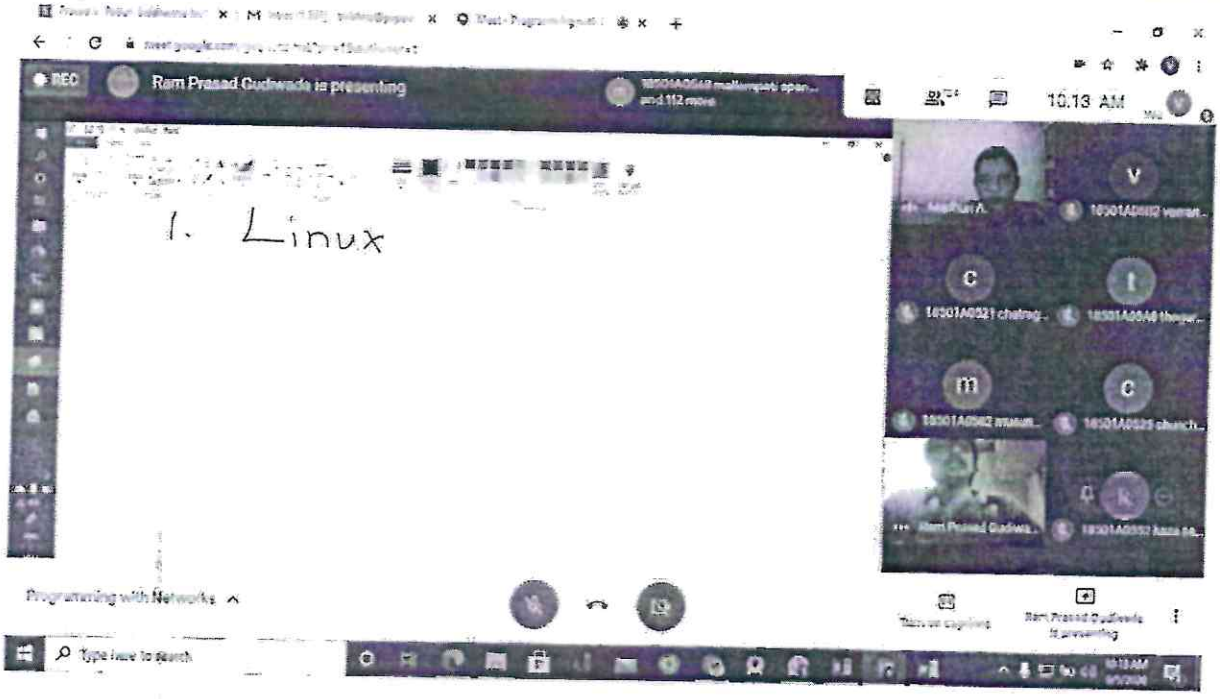
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

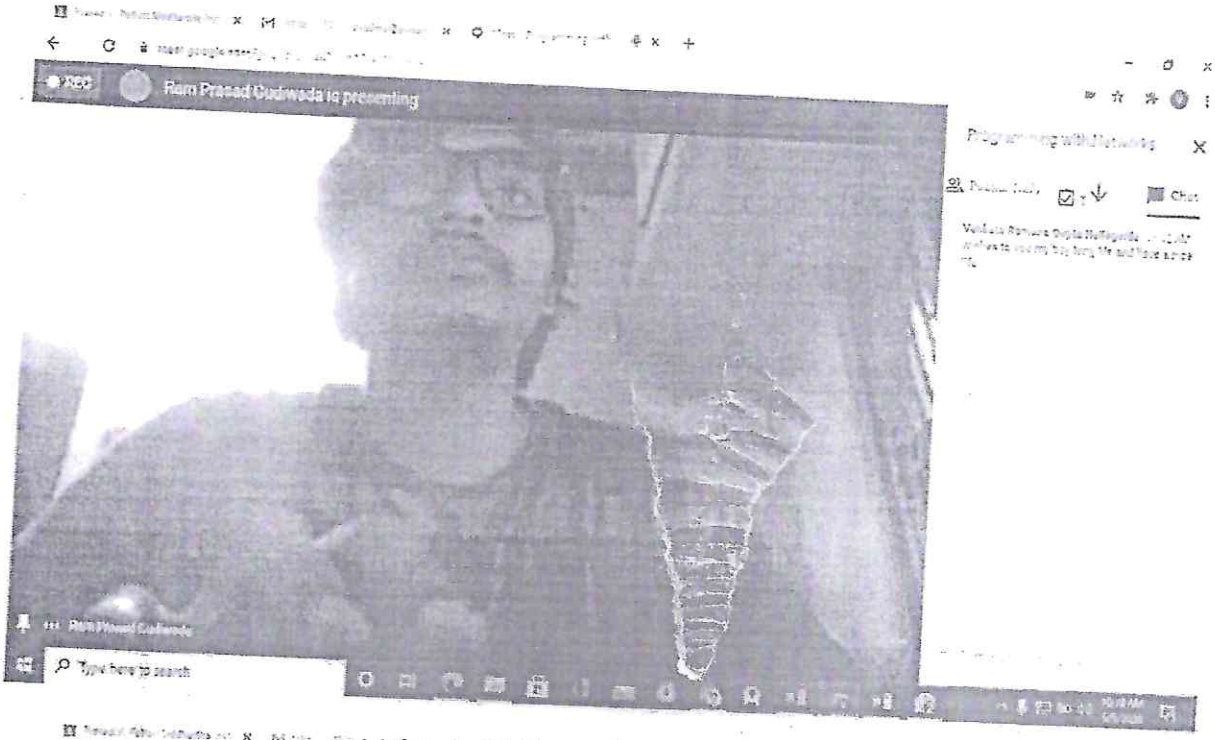
Event Summary Report

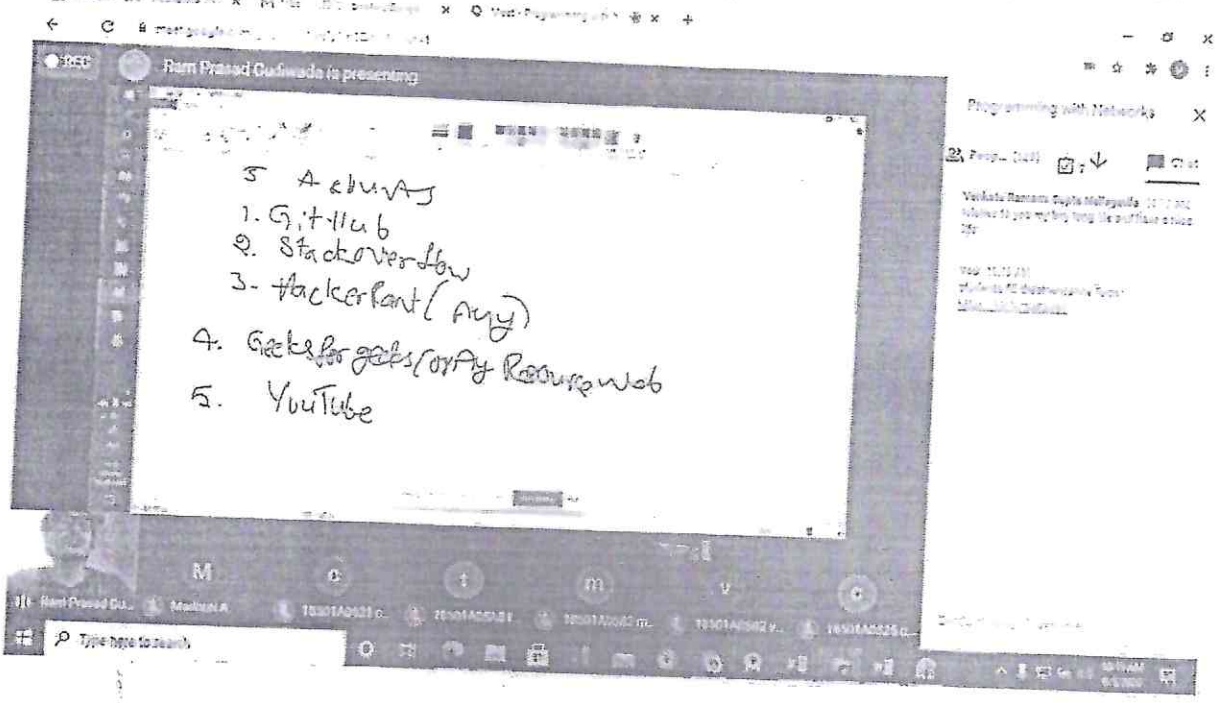
1. Name of the Event:**Alumni Webinar Sequence #03**
2. Event Type: **Webinar**
3. Duration: **5-9-2020**
4. Venue:**Online Platform**
5. Resource Person: **Mr.G.RamPrasad,Senior R&D Engineer,Tejas Networks**
6. Topics covered:**Programming with Networks**
7. Amount Spent:**NIL**
8. Event conducted for: **Student**
9. No. of participants: **Students' = 117, Faculty: 11**
10. Brief Description of the Event: Mr.G.Ram Prasad had a talk about Programming about networks. He delivered the importance of networks, their protocols and how the programming is done in networks. He **presented a case study about programming in networks.**

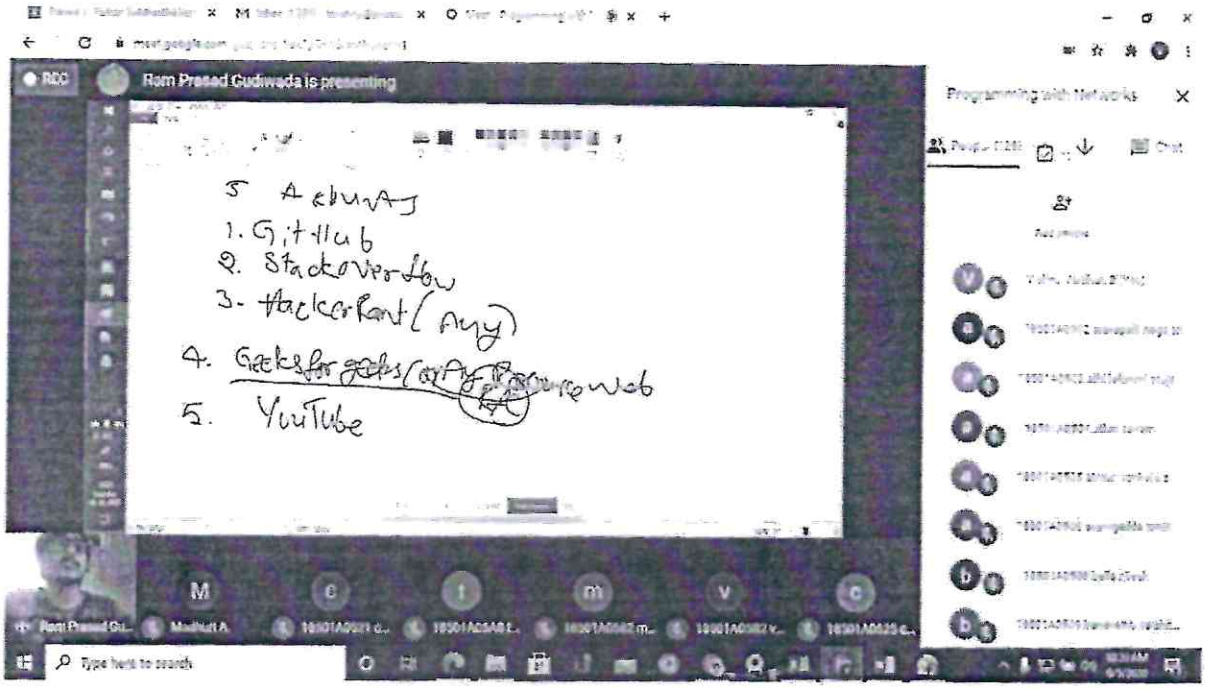



REC
Ram Prasad Gudiwada is presenting
10:13 AM
1. Linux
Programming with Networks
Type here to search

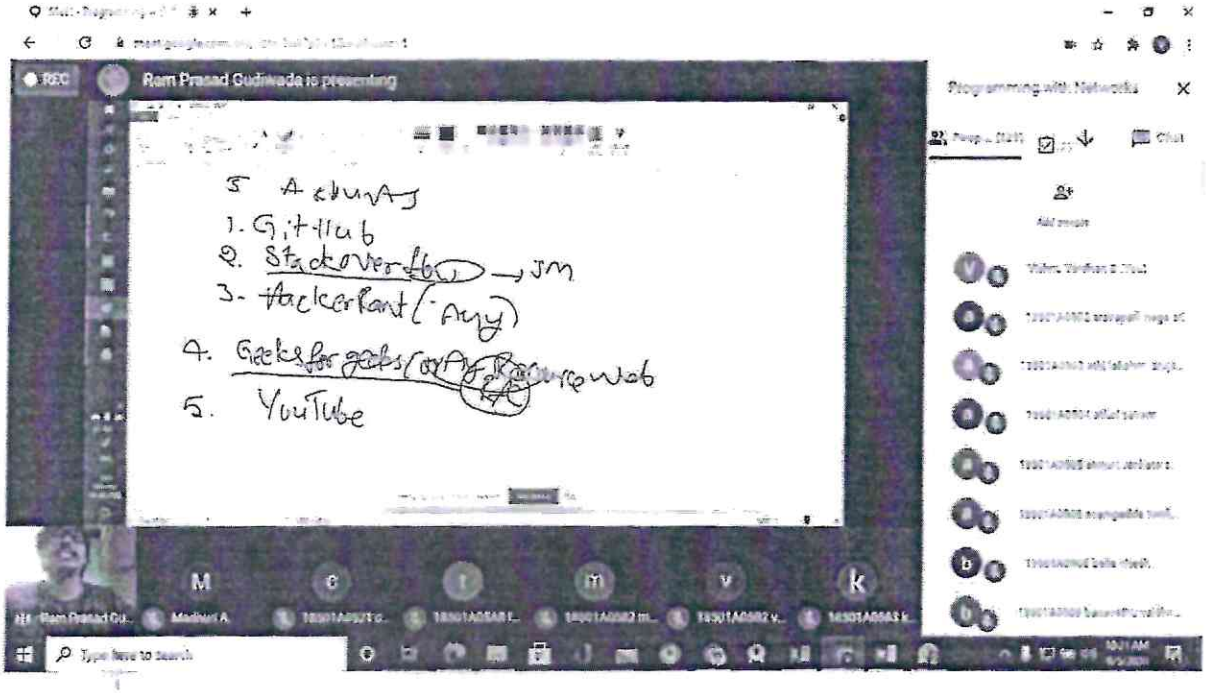

REC
Ram Prasad Gudiwada is presenting
10:13 AM
1. Linux
Programming with Networks
Type here to search

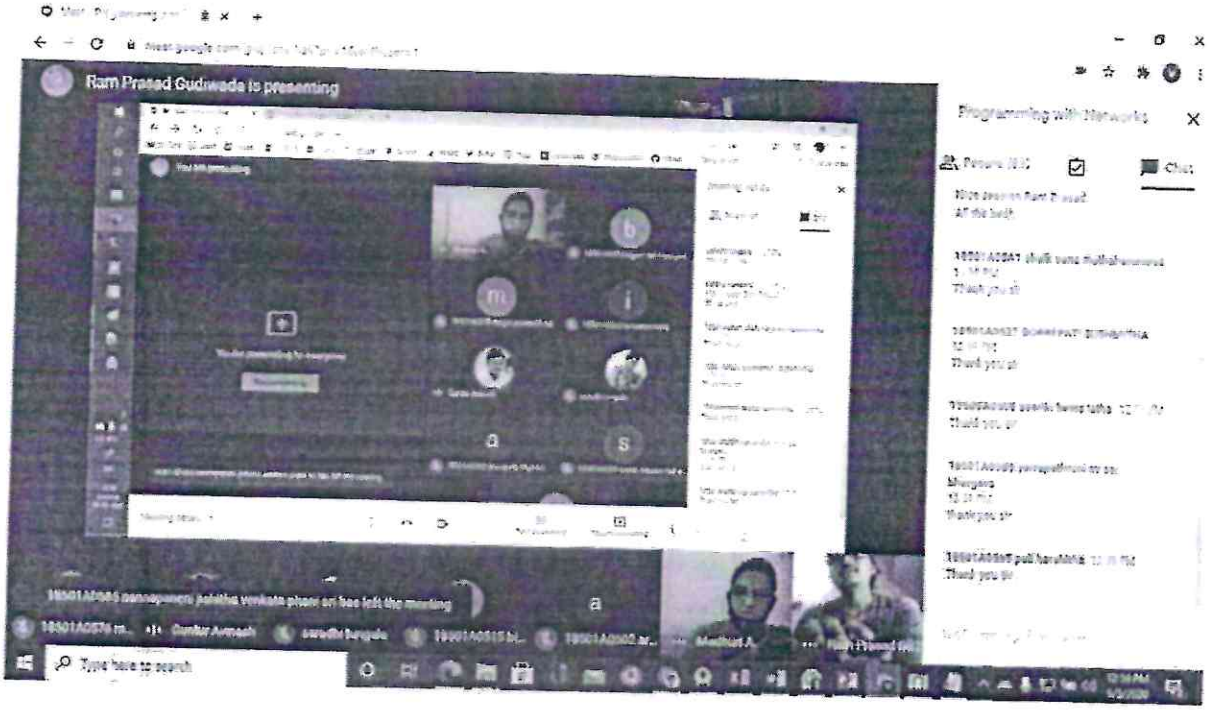

Ram Prasad Gudiwada is presenting


Ram Prasad Gudiwada is presenting
5 Academy
1. GitHub
2. Stackoverflow
3- Hackerrank (Any)
4. Geeks for geeks (or Any Resource Web
5. YouTube


Ram Prasad Gudiwada is presenting
Programming with Networks
5 Activity
1. Gitthub
2. Stackoverflow
3. Hackerrant (Any)
4. Geeksforgeeks (or Any Resource web
5. YouTube

11.


Ram Prasad Gudiwada is presenting
Programming with Networks
5 Activity
1. Gitthub
2. Stackoverflow → JM
3. Hackerrant (Any)
4. Geeksforgeeks (or Any Resource web
5. YouTube



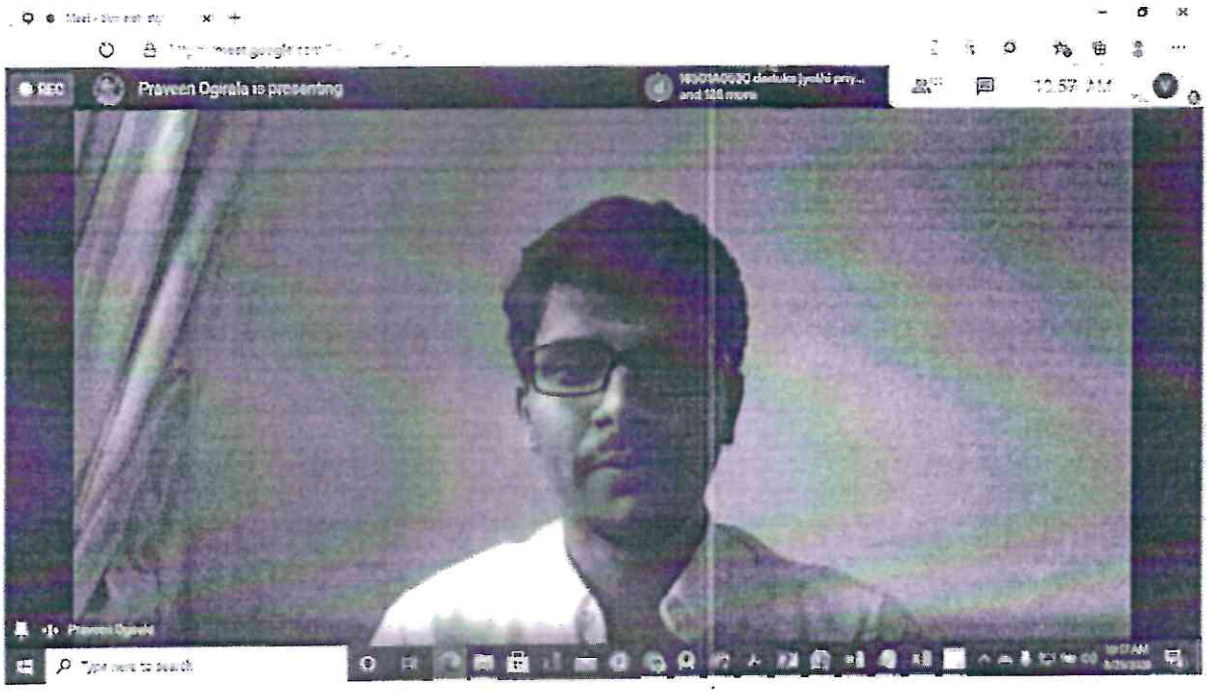
HEAD
Department of
Computer Science & Engineering
VP Siddhartha Institute of Technology
Kanuru, Vijayawada - 520 007.

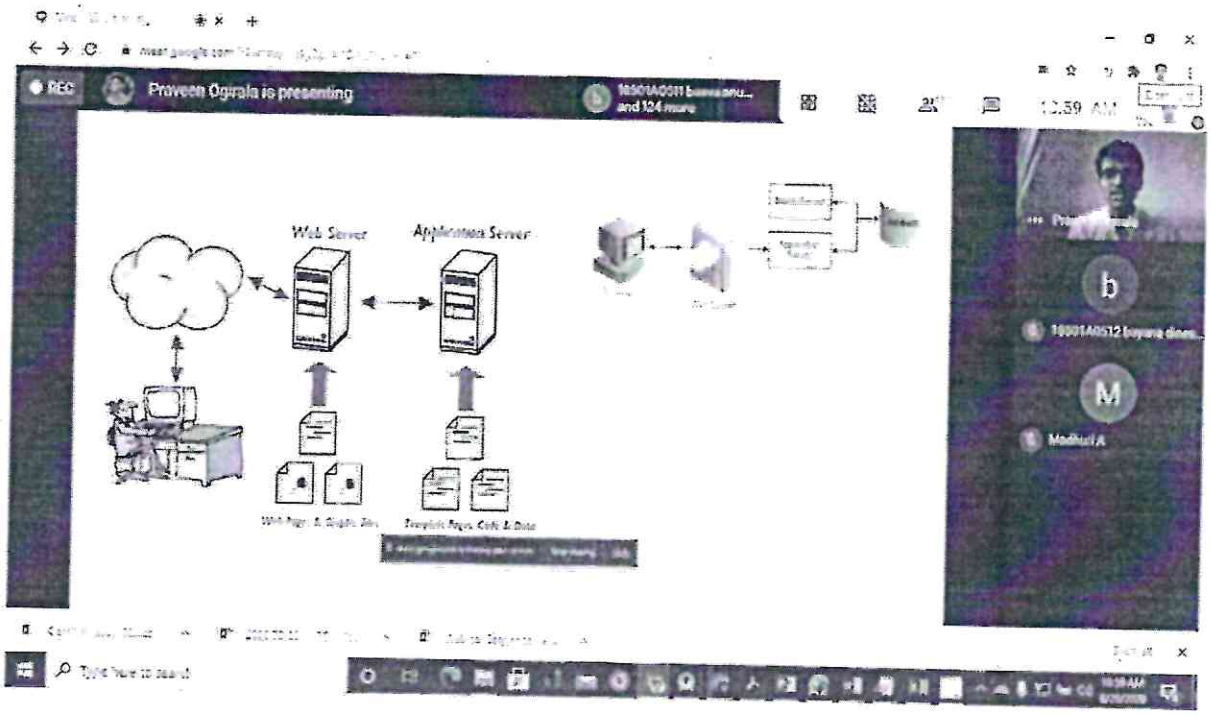
Prasad V Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

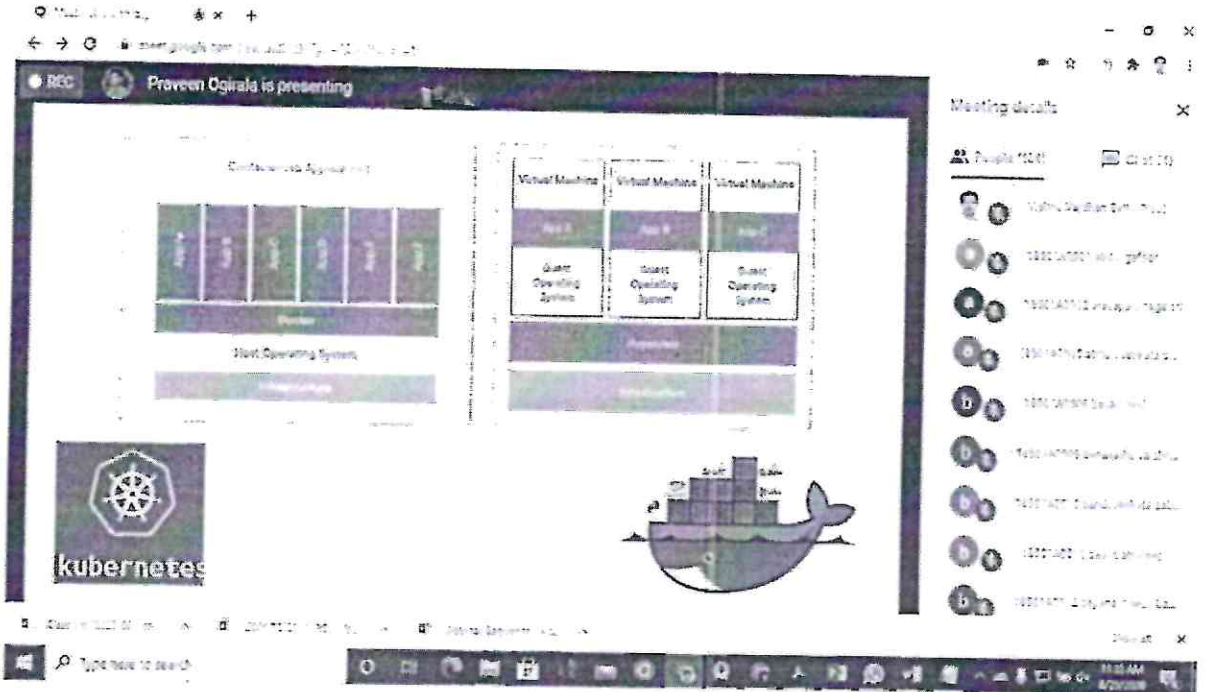
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Event Summary Report

1. Name of the Event: **Alumni Webinar Sequence #02**
2. Event Type: **Webinar**
3. Duration: **29-8-2020**
4. Venue: **Online Platform**
5. Resource Person: **Mr. Praveen Ogirala**
6. Topics covered: **Synopsis on Full Stack Development**
7. Amount Spent: **NIL**
8. Event conducted for: **Student**
9. No. of participants: **Students' = 110, Faculty: 05**
10. Brief Description of the Event: The webinar is conducted for III B.Tech Students on full stack web development. The main focus is on importance of web technologies, what the popular frameworks and tools that used in industry. He also addressed, how to build simple web application.





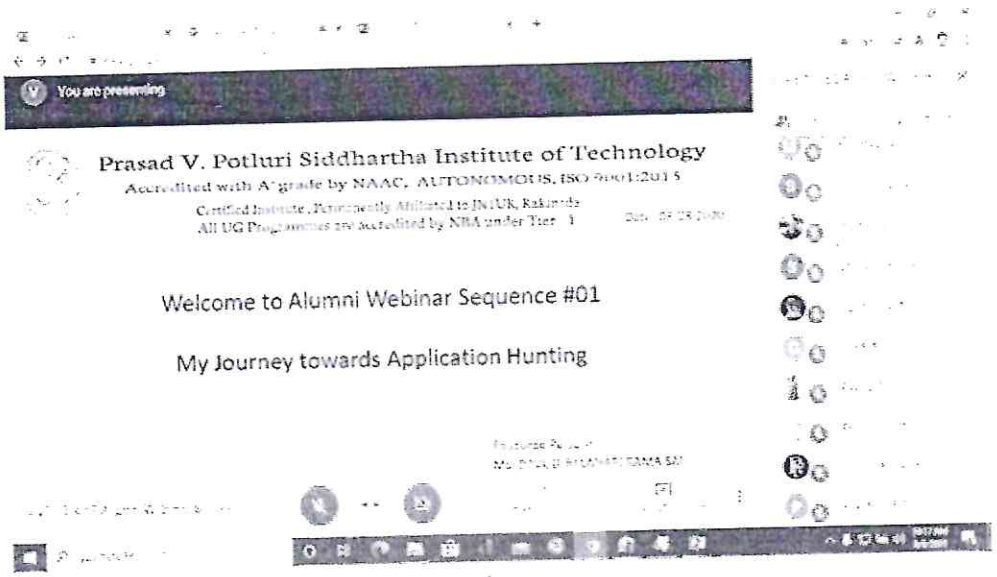


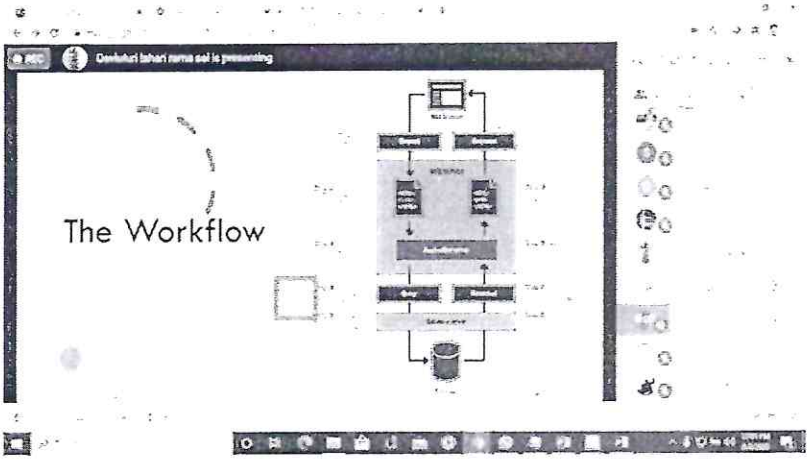
HEAD
Department of
Computer Science & Engineering
Sri Sivani Institute of Technology
Kanuru, Vijayawada-520 007.

Prasad V Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Event Summary Report

1. Name of the Event: **Alumni Webinar Sequence #01**
2. Event Type: **Guest Lecture** / Webinal
3. Duration: **8-8-2020**
4. Venue: **Online Platform**
5. Resource Person: **Davuluri Lahari Rama Sai, Security Consultant, Synopsys Inc., Bangalore, B.Tech**
6. Topics covered: **Application Hunting**
7. Amount Spent: **NIL**
8. Event conducted for: **Student**
9. No. of participants: **Students' = 74, Faculty: 06**
10. Brief Description of the Event: **Ms Davuluri Lahari Rama Sai gave presentation on cyber security. Cyber Security plays a vital role and in every ware. Especially during this pandemic all are using digital transactions. She briefly explained on how to add security to projects.**
11. 

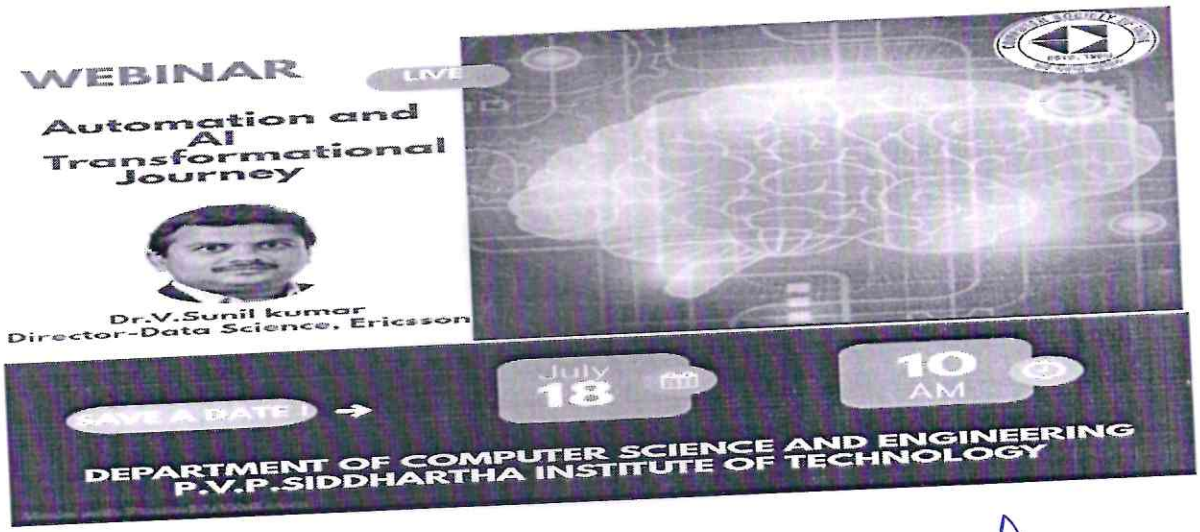


HEAD
Department of
Computer Science & Engineering
Sri Sivani Institute of Technology
Kanuru, Vijayawada-520 007.

Prasad V Potluri Siddhartha Institute of Technology, Kanuru Vijayawada

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Event Summary Report

1. Name of the Event: **Automation and AI Transformational Journey**
2. Event Type: (Webinar) Organized under CSI-PVPSIT-Vijayawada-Branch
3. Duration: 18.07.2020
4. Venue: Online-mode (Google-meet).
5. Resource Person: Dr.V.Sunil Kumar Director Data Science, Ericssion, Bangalore.
6. Topics covered: • Sustainability as key aspect of the environment • Introduction of IoT and ML • Applications of ML and IoT: • Smart energy management • Smart grid • Specific use çases: • Plug load energy management system (PLEMS) and Hybrid PLEMS • Water management system • Research challenges • Next steps •
7. Amount Spent:5000
8. Event conducted for: (Student s)
9. No. of participants: 100
10. Brief Description of the Event: Internet of Things is about connecting people with things (machines, cars, appliances) and ambience (processes, weather) around them. Connecting the unconnected IoT technologies which include sensors, actuators, RFIDs, smart plugs, smart meters, etc. with wireless communication capabilities are becoming increasingly available in the market at lower costs (compared to earlier) fuelling wide-spread adoption by the industry for addressing a variety of business problems and challenges.
11. Photo:



HEAD
Department of
Computer Science & Engineering
PVP Siddhartha Institute of Technology
Kanuru, Vija-520 007.

P.V.P. SIDDHARTHA INSTITUTE OF TECHNOLOGY

Dept of Freshman Engineering

CIRCULAR

Dt.16/07/2020

The faculty of Mathematics are organizing a live webinar on Mathematics of Fluid Dynamics & Numerical Study of Singular Perturbation Problems on 17th & 18th of July 2020 at 10 a.m. All are invited who are registered.

Resource persons are:

1. Dr P. Pramod Chakravarthy,
   Professor and Head of the dept.
   Dept. of Mathematics,
   VNIT,Nagapur.

2. Dr M.Devakar,
   Associate Professor,
   Dept. of Mathematics,
   VNIT,Nagapur.

Prasad V. Potluri Siddhartha Institute of Technology

Freshman Engineering Department

Webinar Report in 2020-202I

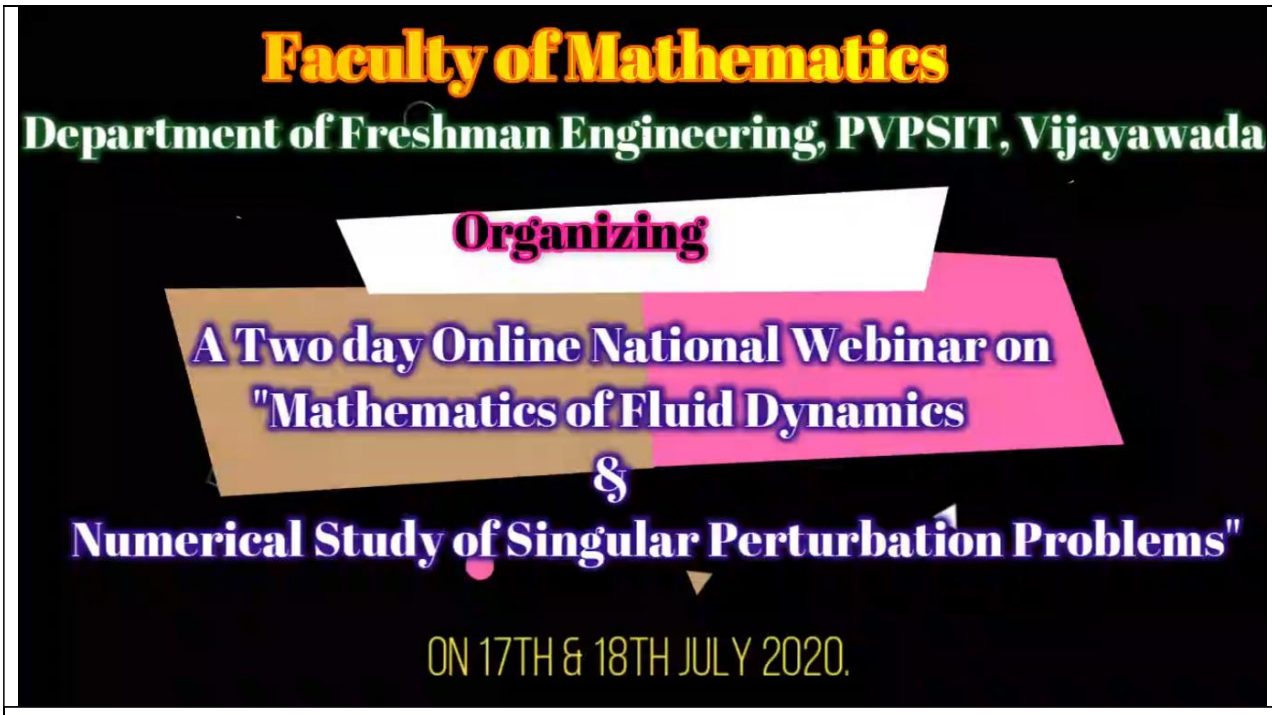
2020-21 Academic Year:

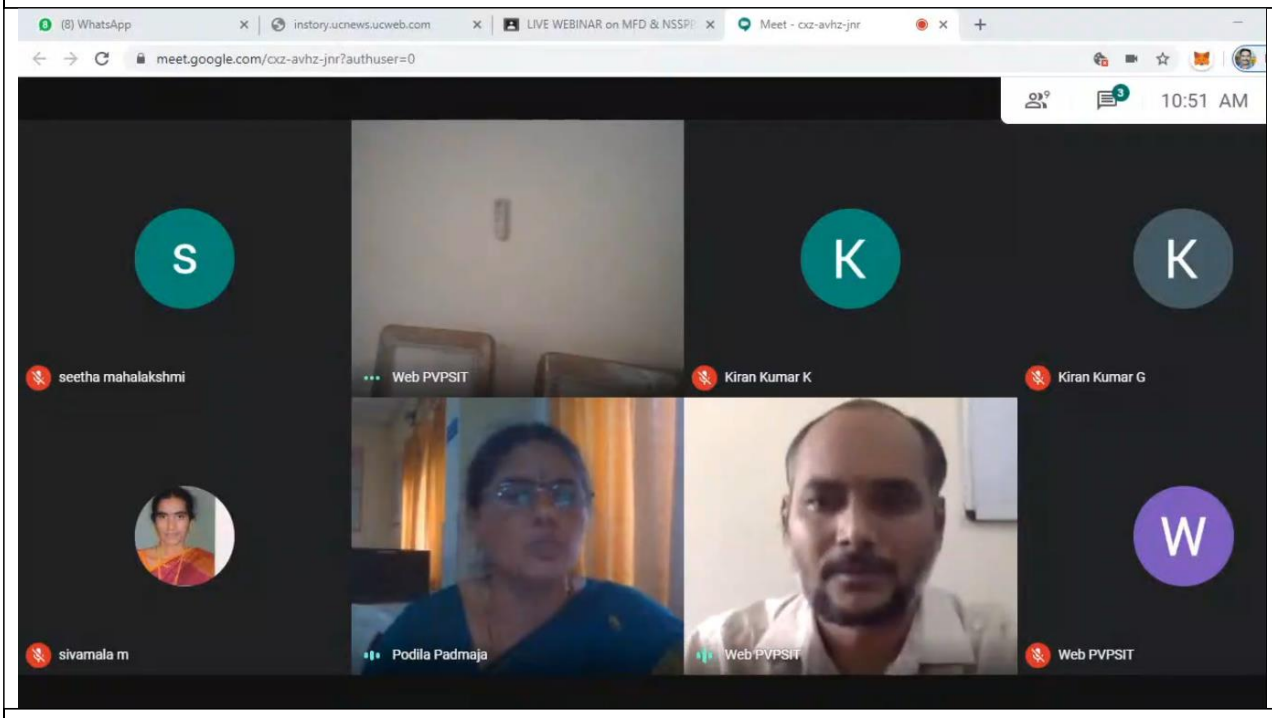
The faculty of Mathematics, Freshman Engineering Department, PVPSIT organized a live webinar for faculty on **Mathematics of Fluid Dynamics & Numerical Study of Singular Perturbation Problems** on 17th & 18th of July 2020 at 10 a.m. Number of faculty participated for webinar are 274 members.

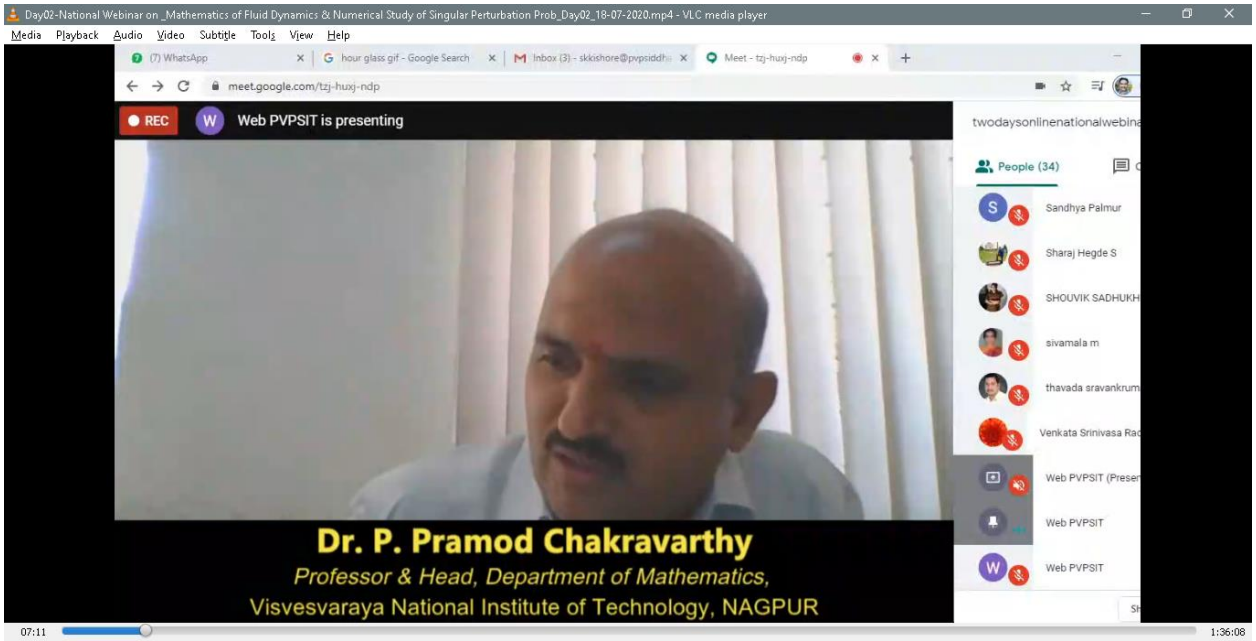
Resource persons are:

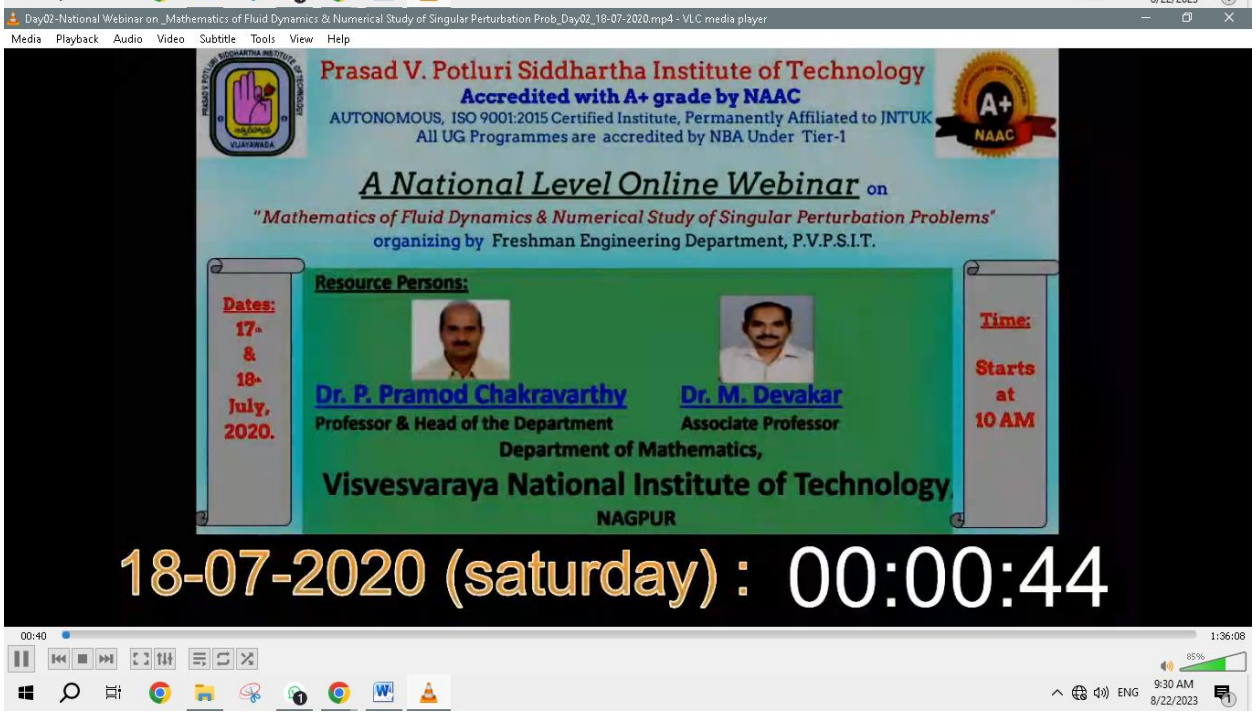
1. Dr P. Pramod Chakravarthy,
   Professor and Head of the dept.
   Dept. of Mathematics,
   VNIT,Nagapur.

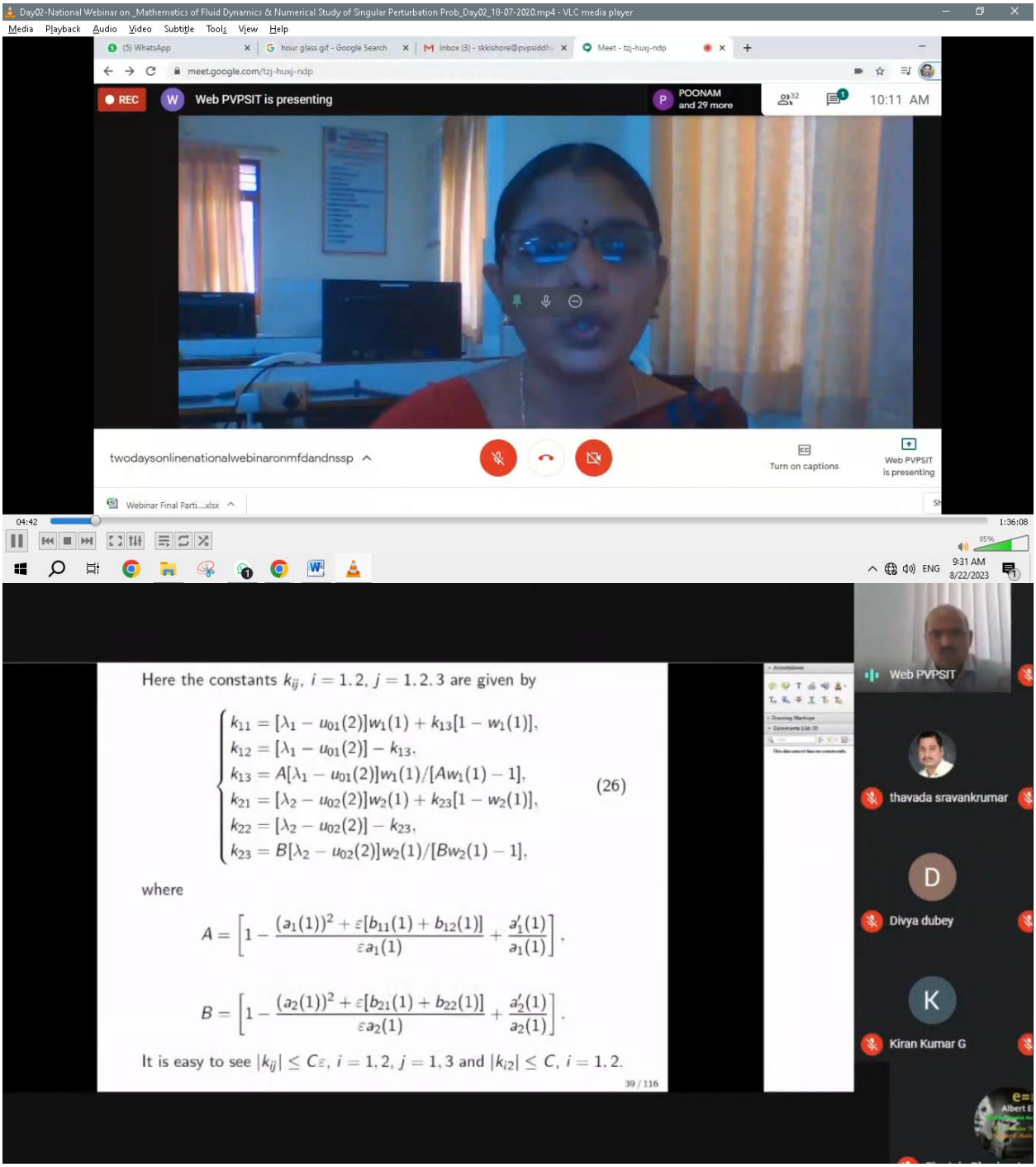
2. Dr M.Devakar,
   Associate Professor,
   Dept. of Mathematics,
   VNIT,Nagapur.


Faculty of Mathematics
Department of Freshman Engineering, PVPSIT, Vijayawada
Organizing
A Two day Online National Webinar on
"Mathematics of Fluid Dynamics
&
Numerical Study of Singular Perturbation Problems"
ON 17TH & 18TH JULY 2020.


meet.google.com/cxz-avhz-jnr?authuser=0
10:51 AM
seetha mahalakshmi
Web PVPSIT
Kiran Kumar K
Kiran Kumar G
sivamala m
Podila Padmaja
Web PVPSIT
Web PVPSIT


Day02-National Webinar on _Mathematics of Fluid Dynamics & Numerical Study of Singular Perturbation Prob_Day02_18-07-2020.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
meet.google.com/tzj-huxj-ndp
REC
Web PVPSIT is presenting
People (34)
Dr. P. Pramod Chakravarthy
Professor & Head, Department of Mathematics,
Visvesvaraya National Institute of Technology, NAGPUR


Day02-National Webinar on _Mathematics of Fluid Dynamics & Numerical Study of Singular Perturbation Prob_Day02_18-07-2020.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
Prasad V. Potluri Siddhartha Institute of Technology
Accredited with A+ grade by NAAC
AUTONOMOUS, ISO 9001:2015 Certified Institute, Permanently Affiliated to JNTUK
All UG Programmes are accredited by NBA Under Tier-1
A National Level Online Webinar on
"Mathematics of Fluid Dynamics & Numerical Study of Singular Perturbation Problems"
organizing by Freshman Engineering Department, P.V.P.S.I.T.
Resource Persons:
Dates: 17th & 18th July, 2020.
Time: Starts at 10 AM
Dr. P. Pramod Chakravarthy
Professor & Head of the Department
Dr. M. Devakar
Associate Professor
Department of Mathematics,
Visvesvaraya National Institute of Technology,
NAGPUR
18-07-2020 (saturday) : 00:00:44


Day02-National Webinar on _Mathematics of Fluid Dynamics & Numerical Study of Singular Perturbation Prob_Day02_18-07-2020.mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help
meet.google.com/tzj-huxj-ndp
REC
Web PVPSIT is presenting
POONAM and 29 more
10:11 AM
twodaysonlinenationalwebinaronmfdandnssp
Turn on captions
Web PVPSIT is presenting
Webinar Final Parti....xlsx
04:42
1:36:08
9:31 AM
8/22/2023
Here the constants k_{ij}, $i = 1.2$, $j = 1.2.3$ are given by
$$\begin{cases} k_{11} = [\lambda_1 - u_{01}(2)]w_1(1) + k_{13}[1 - w_1(1)], \\ k_{12} = [\lambda_1 - u_{01}(2)] - k_{13}, \\ k_{13} = A[\lambda_1 - u_{01}(2)]w_1(1)/[Aw_1(1) - 1], \\ k_{21} = [\lambda_2 - u_{02}(2)]w_2(1) + k_{23}[1 - w_2(1)], \\ k_{22} = [\lambda_2 - u_{02}(2)] - k_{23}, \\ k_{23} = B[\lambda_2 - u_{02}(2)]w_2(1)/[Bw_2(1) - 1], \end{cases} \quad (26)$$
where
$$A = \left[1 - \frac{(a_1(1))^2 + \varepsilon[b_{11}(1) + b_{12}(1)]}{\varepsilon a_1(1)} + \frac{a_1'(1)}{a_1(1)}\right],$$
$$B = \left[1 - \frac{(a_2(1))^2 + \varepsilon[b_{21}(1) + b_{22}(1)]}{\varepsilon a_2(1)} + \frac{a_2'(1)}{a_2(1)}\right].$$
It is easy to see $|k_{ij}| \leq C\varepsilon$, $i = 1, 2$, $j = 1, 3$ and $|k_{i2}| \leq C$, $i = 1.2$.
39 / 116
Web PVPSIT
thavada sravankumar
Divya dubey
Kiran Kumar G