



**GAYATRI VIDYA PARISHAD COLLEGE
FOR DEGREE AND PG COURSES
(AUTONOMOUS)**

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ENGINEERING & TECHNOLOGY PROGRAM

Department of CSE



**A WEBINAR ON
Trends in Cyber Security
Resource Perrson: Prof ASN Chakravarthy
JNTUK, Kakinada.**

Date: 7th April, 2022 Time: 10AM to 1PM.



GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND P G COURSES (A)
ENGINEERING AND TECHNOLOGY PROGRAM
RUSHIKONDA, VISAKHAPATNAM -530045

WEBINAR ON
“TRENDS IN CYBER SECURITY”



HEARTY WELCOME

BY

Prof A S N Chakravarthy

07/04/2022

Organized by

Department of Computer Science and Engineering



Department Vision & Mission

Vision

The vision of the department is “Create and sustain as a Centre of excellence in Computer Science & Engineering and allied areas of research to pave the way for better technocrats to the society”.

Mission

The mission of the department is “To provide strong conceptual base (M1) for acquiring programming skills to develop high computational, innovative skills (M2) and to empower leadership qualities with strong ethical base (M3)”.

In view of creating awareness in student community regarding the various trends in Cyber Security and also as cyber security is one of the emerging fields of IT, the department of CSE take a step to conduct a webinar on “Trends in Cyber Security” on 7th April – 2022 through Google Meets (Virtual) exclusively for III Year II Sem students of CSE.

The department has invited **Prof. ASN Chakravarthy**, Dept of Computer Science and Engineering, JNTUK, Kakinada, as a resource person. The Moderator of the event, Dr. Bh. Padma has welcomed the gathering and given the brief introduction about the speaker. The Head of the Department of CSE, Dr. N V Ramana Murthy has briefed about overall objective of the workshop and welcomed the resource person.

The objectives of this webinar are:

- Understanding the cybercrimes and their classification.
- Detailed explanation on the real world cyber incidents.
- Defense mechanisms for preventing cyber-attacks.
- Exploring the signs of real cyber-attacks on cell phones.
- To explore the job opportunities and certification courses in cyber security.
- Detailed explanation and guidance for safe internet usage.

Prof. ASN Chakravarthy delivered a valuable and educated talk on current trends in cyber security. This webinar explored various real world examples of cyber-attacks, incidents and also defense mechanisms. He discusses most prominent cybercrimes and their classification. He mainly discussed about KYC frauds, fake messages, call forwarding, fishing and ransom ware etc. Students had a very good explanation about how BOTs are used in DoS and DDoS attacks. The resource person has given explanation about IoT device threats also. He has given tremendous guidelines to thwart the most common cyber threats and also gave fifteen clear signs that indicate our cellphones have been hacked.

All the students of the III/III B. Tech CSE have benefited from the workshop for the concepts of cyber security trends. Feedback from the students was collected and finally the session has end up with the vote of thanks from the moderator of the event.







**A
BRIEF REPORT
ON**

**Expert Talk & Interactive Session on
“ Fuzzy Interface System ”**

BY

Dr.Rudra Pratap Das

(Hons) IIT Kharagpur, Ph.D IIT Mumbai

Retd Professor & Director (R&D)

(26th November 2021)

ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE & PG COURSES (A)

ENGINEERING AND TECHNOLOGY PROGRAM

RUSHIKONDA, VISAKHAPATNAM – 530045

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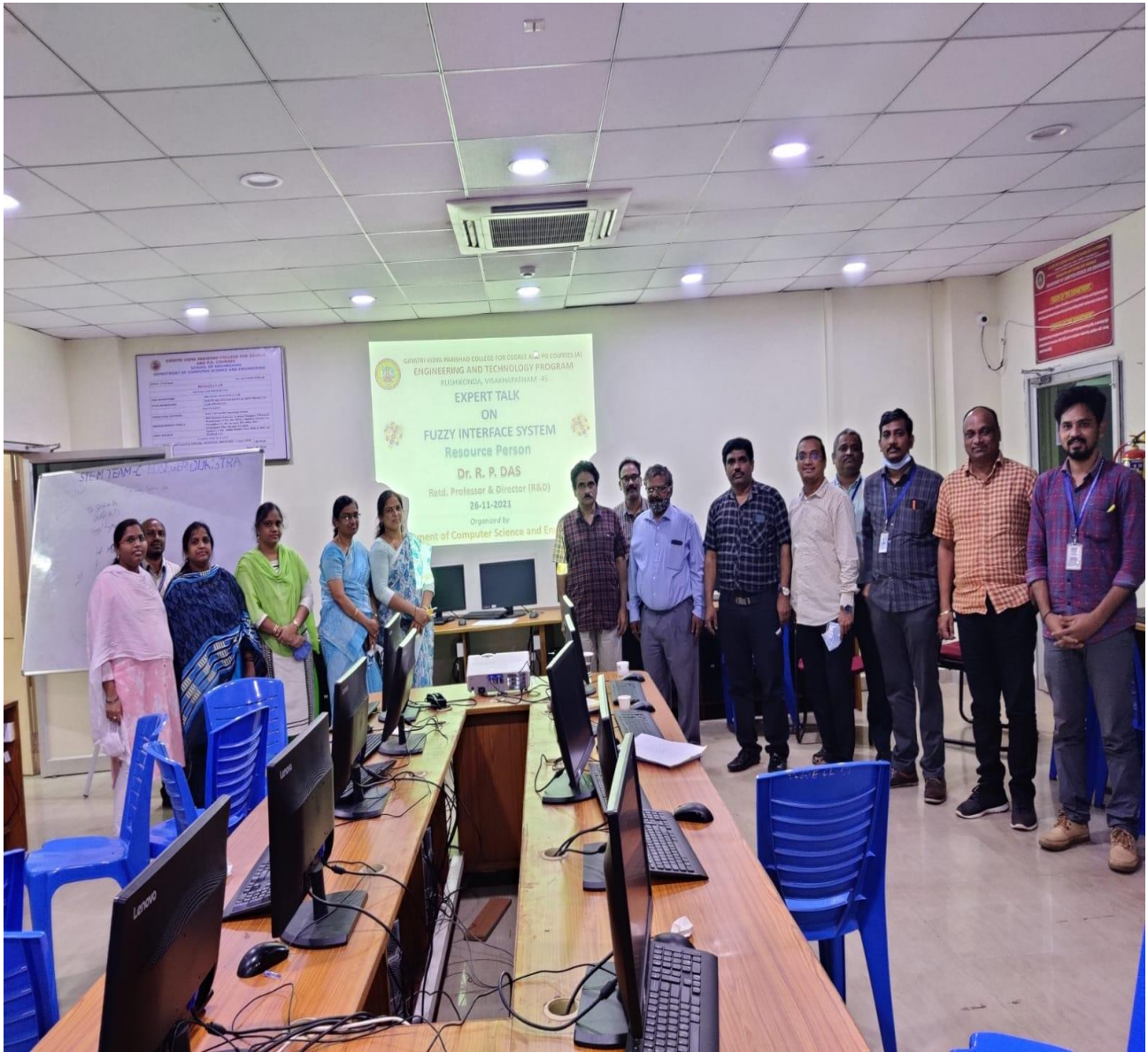
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Expert Talk & Interactive Session on “Fuzzy Interface System ”

The Department of CSE organized an Expert Talk and Interactive Session on “Fuzzy Interface System” on 26th November 2021. The Expert Dr.R.P.Das a Retired Professor and Director (R&D) has delivered his expert lecture on “**Fuzzy Interface System**”.

In his lecture, he explained the concepts of Fuzzy Logic Inference, Various Membership Functions, writing Fuzzy Rules and Fuzzy Logic Applications in real life. He suggested the faculty to apply projects related to fuzzy logic for example ... Fuzzy logic based green house, Fuzzy Logic based Navigation of Underwater Vehicles etc... . He also suggested the faculty to apply Research Projects in NSTL, DST, AICTE on Fuzzy Logic applications. In his talk, he has highlighted the Importance of writing and publishing Research Papers in SCI, SCOPUS and other UGC Journals. He deliberated many Applications related to Fuzzy Logic.

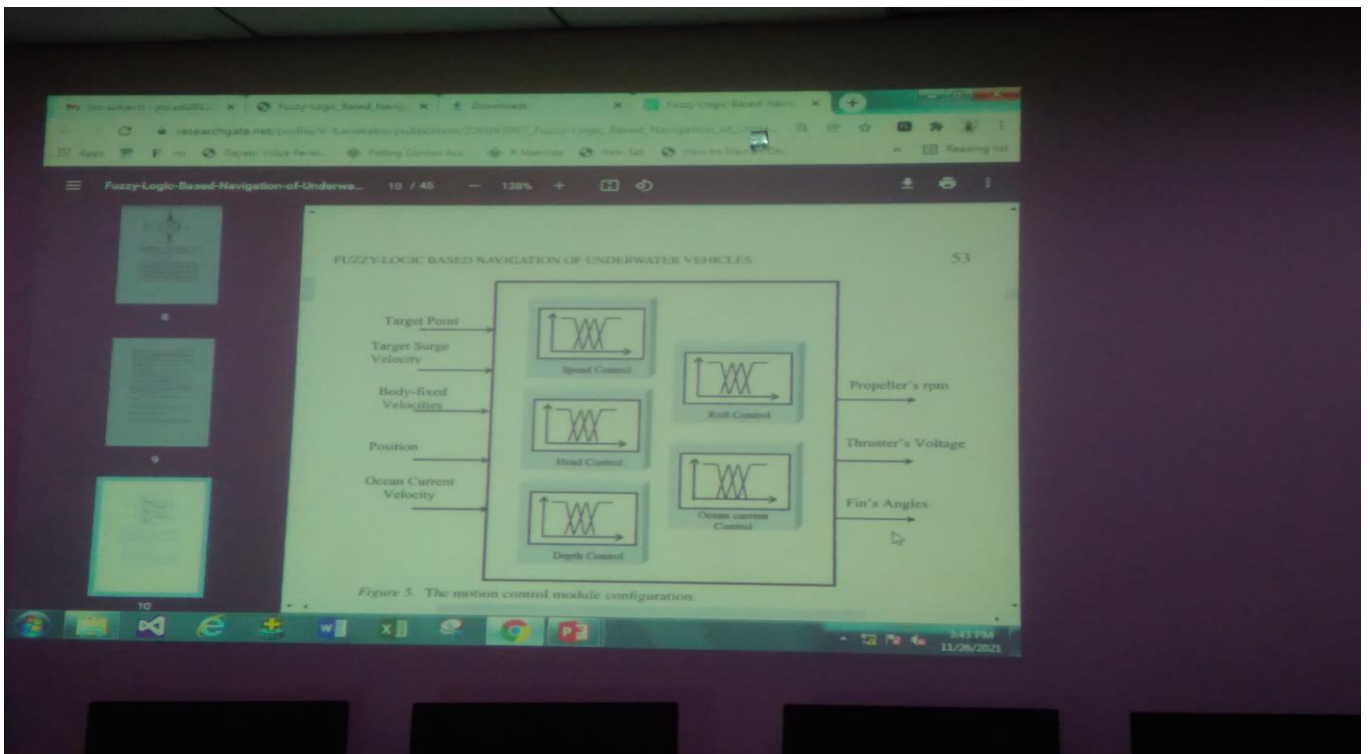
Faculty got interacted with him by sharing their views regarding applying projects and publishing good research papers. The Faculty of CSE Department, Doctorates in ECE Department & HoD of MBA Department, Deans, and Directors participated in this Session.



Faculty Participated in the Session



Expert Dr.R.P.Das garu with Prof. B.V.Ramana Murty garu Director, E&T Program



Expert Delivering his talk



Expert Delivering his talk

**Dr.N.V.Ramana Murty
Head of the Department**



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

**A
BRIEF REPORT
ON
2-Day Hands-on Session on
Networking Esentials
(6th Oct – 07th Oct 2021)**

ORGANIZED BY

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE & PG COURSES (A)
ENGINEERING AND TECHNOLOGY PROGRAM
RUSHIKONDA, VISAKHAPATNAM – 530045**

Head of the Department

Dr. N. V . Ramana Murthy

Associate Professor

Speaker of the Event

Dr. M. Vamsi Krishna, M.Tech, Ph.D.

Professor

Department of Computer Science and

Engineering, Aditya Engineering

college, Surampalem.

Event Moderator

Mrs. G.Preethi

Assistant Professor,

Dept. of CSE

GVPCDPGCA

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Visakhapatnam-530045



Two-Day Hands-on Session on Networking Essentials

Organized by Department of Computer Science and Engineering

Date :

• 06th & 07th OCT
2021

Time :

• 2.00 PM to 5.00
PM

Venue:

• Google Meets
(Online)

Target Audience:

• IV/IV ,III/IV B.Tech
CSE Students



Speaker

Dr. M.Vamsi Krishna,
Professor in CSE, Aditya Engineering
College, Surampalem

Event Moderator

Mrs. G.Preethi,
Assistant Professor, Dept of CSE,
GVPCDPGCA.

In view of creating awareness in student community regarding the various networking concepts the department of CSE take a step to conduct “2-Day Hands-on Session on Networking Essentials” on 06th October – 07th October 2021 through Google Meets (Virtual) exclusively for IV Year I Sem and III Year I Sem students of CSE.

The department has invited **Dr. M.Vamsi Krishna**, Professor, Dept of Computer Engineering, Aditya Engineering College, Surampalem as a resource person. The Moderator of the event, Mrs. G.Preethi has welcomed the gathering and given the brief introduction about the speaker. The Head of the Department of CSE, Dr. N V Ramana Murthy has briefed about overall objective of the workshop and welcomed the resource person.

Main objective of the session is to explore the various Networking Concepts

On the Day-1 the speaker has covered the following concepts.

- Creating Sockets and implementing a generic network client
- Retrieving files from an http server
- Retrieving web documents by using URL Class

On the Day-2 the speaker has covered the following concepts.

- Network Programming
- Creating Socket object from a server socket
- Creating input and output streams
- A generic network server

Overall a total of 72 students from the IV/IV and III/IV B.Tech CSE has benefited from the workshop for the concepts of Networks. Feedback from the students was collected and finally the session has end up with the vote of thanks from the moderator of the event.

Photographs of the Event:



REC Vamsikrishna Mangalampalli is presenting

```

// File Name: GreetingServer.java
import java.net.*;
import java.io.*;

public class GreetingServer extends Thread {
    private ServerSocket serverSocket;

    public GreetingServer(int port) throws IOException {
        serverSocket = new ServerSocket(port);
        serverSocket.setSoTimeout(10000);
    }

    public void run() {
        while(true) {
            try {
                System.out.println("Waiting for client on port " +
                    serverSocket.getLocalPort() + "...");
                Socket server = serverSocket.accept();
                System.out.println("Just connected to " +
                    server.getRemoteSocketAddress());
            }
        }
    }
}

```

In-call messages

Let everyone read messages

Messages can only be seen by people in the call and are deleted when the call ends.

You 14:31 any doubts

5191411021 DAYATHRI DHANA LAKSHMI 14:31 no sir

Send a message to everyone

2:52 PM | 2-day Hands on Session ... Track Attendan...

Links ENG 14:52

REC

5191411012 CHE... Vamsikrishna ... Łucifer Zaheen Ansar 318129210041 ... 318129210051 J... Abhishek Nani SYAMALA RAJ... Rajeev Ammu

5191411027 KO... 318129210064 ... Poojitha GV Devashish 318129210028 ... 5191411009 BO... 5191411042 PE... 5191411008 BE... Kundana Ponn...

5191411030 KU... 318129210015 ... SAI CHAKRA A... Suneel Donaka Goutham sai kr... 5191411007 BET... 5191411065 BO... 5191411025 KA... 5191411026 KA...

VENKATA SAI N... 5191411068 EM... 5191411021 GAY... 5191411001 ALL... Leela Gayathri GV Devashish 318129210046 ... 14 others You

3:10 PM | 2-day Hands on Session ... Track Attendan...

Links ENG 15:10



**A
BRIEF REPORT
ON
2-Day Hands-on Session on
Classification and Clustering using
Python**

(30th Sep – 01st Oct 2021)

ORGANIZED BY

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE & PG COURSES (A)
ENGINEERING AND TECHNOLOGY PROGRAM
RUSHIKONDA, VISAKHAPATNAM – 530045**

Head of the Department

Dr. N. V . Ramana Murthy

Associate Professor

Speaker of the Event

**Dr. P. Sai Prasad,
Associate Professor,
Department of Computer Engineering,
Sanjivani College of Engineering(A),
Kopergaon, Maharashtra.**

Event Moderator

**Dr. Ssvr Kumar Addagarla
Assistant Professor,
Dept. of CSE**

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Visakhapatnam-530045.



**INSTITUTION'S
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(Ministry of Education Initiative)

Two-day hands-on session on Classification and Clustering using Python

Organized by
Department of Computer Science and Engineering

Date : 30-09-2021 & 01-10-2021

Time : 2.00 PM to 5.00 PM

Venue: Google Meets (Online)

Target Audience: IV/IV B.Tech CSE Students

Speaker

Dr. P. Sai Prasad
Associate Professor,
Department of Computer Engineering,
Sanjivani College of Engineering (A),
Kopergaon, Maharashtra.

Event Moderator

Dr. Ssvr Kumar Addagarla,
Assistant Professor, Dept of CSE.

In view of creating awareness in student community regarding the various Classification and Clustering algorithms the department of CSE take a step to conduct “2-Day Hands-on Session on Classification and Clustering using Python” on 30th September – 01st October 2021 through Google Meets (Virtual) exclusively for IV Year I Sem students of CSE.

The department has invited **Dr. P. Sai Prasad**, Associate Professor, Dept of Computer Engineering, Sanjivani College of Engineering (A), Kopargaon as a resource person. The Moderator of the event, Dr. Ssvr Kumar Addagarla has welcomed the gathering and given the brief introduction about the speaker. The Head of the Department of CSE, Dr. N V Ramana Murthy has briefed about overall objective of the workshop and welcomed the resource person.

Main objective of the session is to explore the various classification and clustering algorithms.

On the Day-1 the speaker has covered the following concepts.

- Understanding of the Supervised and Unsupervised learning
- Detailed explanation on the Classification approach
- Algorithmic and Mathematical approach for Decision Tree classification
- Hands-on Session using Python implementation for Decision Tree classification by taking real world dataset.
- Practically explored the concept of Confusion Matrix for classification.
- Explored the concept of Random Forest classification using python.

On the Day-2 the speaker has covered the following concepts.

- Understanding the Concepts of the Unsupervised Learning
- Detailed explanations on the various clustering approaches
- Algorithmic and mathematics approach for K-Means Clustering Algorithm
- Hands-on Session using Python impletemation for K-Means clustering by taking real world dataset.

Overall a total of 60 students from the IV/IV B.Tech CSE has benefited from the workshop for the concepts of classification and clustering algorithms. Feedback from the students was collected and finally the session has end up with the vote of thanks from the moderator of the event.

Photographs of the Event:



REC Sai Prasad Potharaju is presenting

Classification

Historical Data
 Training Data
 Ex: 100 Instances/Record Data Point/Row
 Split
 Testing Data

tejaswi balla 318129210003 ... 318129210019 S... Sai Prasad Pot... Deeprakshi Pat... 45 others You

2:23 PM | Classification and Clustering Session

2:23 PM 9/30/2021

Google Meet - Classification and Clu... x

meet.google.com/spb-xmww-fqq?authuser=0&hl=en

Apps F no Gayatri Vidya Parishad College f... Polling Control Acc... R Matrices New Tab How to Train an Ob... php - Displaying 5 r... VEDA Online Exam... Reading list

REC

318129210066 - So... Sai Prasad Potharaju GADDIPALLI BHAV... swapnali jagtap Deeprakshi Patnaik tejaswi balla

318129210003 NIT... 318129210019 SAR... 318129210024 SAI ... 318129210057 Che... Nani Teja Dr.GRS MURTHY

318129210044 ARA... MUKESH RAJ PULLI... Jyothi Bhavani Suk... 318129210035 AAS... 318129210053 UDA... sandesh kumar

SAI DIVYA PENTAK... 318129210042 HO... 318129210027 SWA... Ganesh Gani 318129210015 HARI... Sai Prasad Potharaju

Arun Kumar 318129210046 LALI... 23 others You

2:38 PM | Classification and Clustering Session

2:38 PM 9/30/2021

People

Mute all Add people Host controls

SAI DIVYA PENTAKOTA Sai Prasad Potharaju Meeting host Sai Prasad Potharaju Meeting host sandesh kumar Ssvr Kumar Addagarla Meeting host swapnali jagtap tejaswi balla Venkat VENKATA SAI NEERAJ MA...