



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

KOMMADI, MADHURABADA, VISAKHAPATNAM - 530 048

(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION [NBA] FOR B.TECH CSE, ECE AND IT - VALID FROM 2019-22 AND 2022-25)

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION [NBA] FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)

(ACCREDITED BY NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL [NAAC] WITH A GRADE- VALID FROM 2022-27)

(Phone: +91-891-2739144, 2739124, 2719125, 2719127 Email Id: gvpcew@gmail.com , info@gvpcew.ac.in)

BEST PRACTICE-I

VALUE BASED TECHNICAL EDUCATION

A) INCULCATION OF VALUES

VEDANTU ACADEMY



Excellence of Enlightenment | Online talk by Swami A. Parthasarathy External ⌵ Inbox x



S.V.Satyanarayana <satya.vedanta@gmail.com>

Jun 26, 2023, 10:37 AM



to Management, faculty, Chemical, Chemistry, Civil, CSE, Dean, ECE, EEE, English, A.B., Dean, somaraju, abkr_gvp, G.S., HOD, Department, Department, Department, Bhanu, Bhanu, MSN, Venugopa

As we look forward to next month's event, enjoy a short snippet of Swami A. Parthasarathy expounding a law of life:

"When you give, there's a smile. When you take, there's a frown."



The Master Speaks

Excellence of Enlightenment

3 JULY 2023 | 7-8 PM (IST)

LEARN MORE

WATCH NOW



Sent to: satya.vedanta@gmail.com

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Vedanta Cultural Foundation, 27 Malavli Karla Road, Malav Taluka, Pune. 410405, India



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Bhagavad Gita Class External Inbox x



S.V. Satyanarayana <satya.vedanta@gmail.com>

Thu, Jul 20, 2023, 1:09 PM ☆ ↶ ⋮

to Management, Mechanical, Chemical, Chemistry, Civil, CSE, Dean, Dean, ECE, EEE, English, faculty, MCA, somaraju, Srinivasa, A.B., Venkata, Dr

Dear all,

Hari om!



You are cordially invited for the Online zoom link.

<https://us06web.zoom.us/j/7765767526?pwd=V4ifUaw2UjPSaNIDaxU9svDmTZxhHT.1> live Study Class

Subject : Human Development

Topic 1 : Yogi(active), sannyasi(ascetic) and jnani(enlightened) (verses 1- 7)

Chapter 5: The Yoga of Renunciation of Action

Date : Thursday (Today)

Time: 7.00 pm to 8.00 pm

Bhagavad Gita is an Instructions Manual for life and living. Living is a technique that needs to be learnt and practised. The technique provides the formula for combining dynamic action with peace and equips one with clear Intellect to meet the challenges of the world.

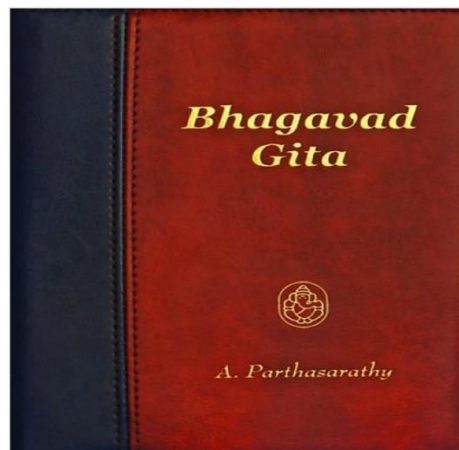
For e-learning pl visit <https://elearning.vedantaworld.org/>

All are welcome, no prior registration required.

Regards,

Vedanta Institute Visakhapatnam

www.vedantavisakhapatnam.org





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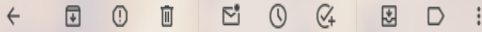
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75 of many < >

Vedanta Group Discussion today External Inbox x



S.V. Satyanarayana <satya.vedanta@gmail.com>

Sun, Jan 21, 5:51AM ☆ ↶ ⋮

to faculty, Chemical, Chemistry, Civil, CSE, Dean, ECE, EEE, English, somaraju, abkr_gvp, A.B., Dean, G.S., HOD, Department, Department, Admin, Bhanu, MSN, Bhanu, Dwiti, Venugopal, Satyanaray: ▾

Hari Om All



Inviting to participate in Vedanta Group discussion on Sunday through zoom. Please click the link below directly you will be entering class and no need of any passwords.

<https://us06web.zoom.us/j/7765767526?pwd=V4ifUaw2UIPSeNIDaxU9svDmTZxhHT.1>

Date & Time:

21st Jan Sunday, 2023, 09:00 AM - 10:15 AM (IST)

Please login 10 minutes before (8:50 AM sharp) and kindly adhere to this time as late entry is not possible.

Vedanta Small Group Discussion

Question

"True knowledge arises out of internal discipline of reflection and contemplation on the eternal truths."

- A Parthasarathy

Pl explain (Questioner - Jyoshika)

All are welcome and No prior registration required

Regards,

Vedanta Institute Visakhapatnam

www.vedantavisakhapatnam.org





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GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

Madhurawada :: Visakhapatnam – 530 041

No.GVPW/GC/20

Date: 27/04/2024

CIRCULAR

1. Refer to the yesterday's circular dated 26/04/2024 regarding the interaction/lecture session of **Dr. N. Jayasankaran, Former Vice-Chancellor, Kanchi University and Director General, BIM, Bangalore.**
2. The Lecture session is rescheduled today i.e., **Saturday the 27th April, 2024 at 11.00 AM instead of 9.30 AM.**
3. All the faculty and staff members are required to attend and be seated in the Auditorium at 10.30 AM without fail..


PRINCIPAL

To: -

All the Faculty & staff members

Copy to:

1. Secretary, GVP
 2. Vice-principal, GVPW
 3. All Heads of Departments
- } for information please



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CODE OF CONDUCT ORIENTATION BY SUSHILAJI MADAM OF VEDANTA WORLD



**GAYATRI VIDYA PARISHAD
COLLEGE OF ENGINEERING FOR WOMEN**

WELCOMES

SUSHILAJI

*Disciple of Swami Prathasarathy
for a talk on*

“THE GOAL OF HUMAN PURSUIT”
Mon 11 Dec 23 9 am to 10 am Campus Auditorium





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MEDITATION AND YOGA SESSIONS

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
Madhurawada :: Visakhapatnam – 530 048

No.GVPW/GC/41

Date: 21/06/2023

NOTICE

“9th International Yoga Day Celebrations” will be held in the College Auditorium today i.e., Wednesday the 21st June, 2023 at 2.30 PM followed by an awareness programme about the importance of the Yoga in the daily life.

All the faculty, staff and students are invited to attend the celebrations.

To: -

All the Faculty, Staff and Students

Copy to:

1. Secretary, GVP
 2. Vice-principal, GVPW
 3. All Heads of Departments
 4. Coordinator, I Year
- } for information please





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MOUs WITH TOP COMPANIES



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3.5.2 e-copies of MoU with (Institution's name) along with dates of starting and completion year-wise signed by both parties for year 2022-23.

The copies of documents related to MoU are uploaded as detailed below.

S.NO	Name of the institution/ industry/ corporate house with whom MoU is signed	Page Nos
1	ICT Academy	2 - 3
2	UiPath	4
3	Hyderabad institute of Electrical Engineers	5 - 7
4	BSNL	8 - 9
5	Pam Ten	10 - 12
6	Nunet Cube Solutions (NuNet3)	13
7	Thrill Innovative Lab (3iL)	14
8	Media3	15
9	CoreEL Technologies	16 - 18
10	EDU Kills-MOU's with 9 compenies-AWS Academy,JUNPER,paloalto,,FORTINET,Zscalar, Blueprisam, Alteryx SparkED,UIpath,MICROCHIP,	19-20





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Certificate of Membership

This is to certify that

Gayatri Vidya Parishad College of Engineering for
Women, Visakapatnam, Andhra Pradesh

is an Institutional Member of ICT Academy.





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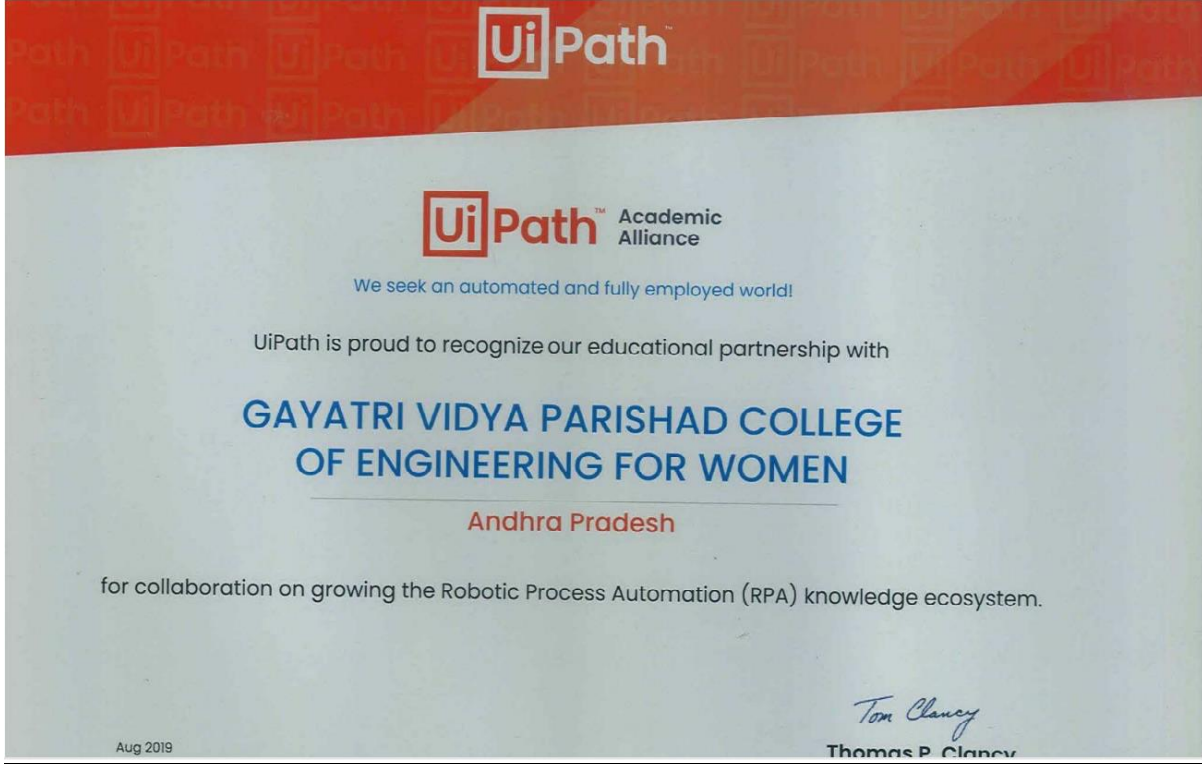
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HOLISTIC DEVELOPMENT OF STUDENTS

STOTRA GANA JHARI

EVENT-1





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2. Program Invitation :

The program invitations were meticulously crafted to resonate with the cultural ethos of the event. Distributed across the community, they were instrumental in drawing a large and enthusiastic audience to celebrate the occasion.

**SRI KANCHI KAMAKOTI SANKARA MATHAM
VISAKHAPATNAM**

INVITATION

With the Devine Blessings of
Sri Kanchi Kamakoti Peethaadheswarulu Jagadguru
Sri Sri Sri Sankara Vijayendra Sarswati Sankaracharya Swami Varu
Sri Kanchi Kamakoti Sankara matham, Visakhapatnam
and
Musicians of Visakhapatnam
Collectively Organizing

STOTRA GANA JHARI
(Group Chanting of Selected Stotras and Slokas)
at
TTD Kalyana mandapam, MVP Colony, Visakhapatnam.
From 5:30 pm onwards on Sunday 9th July 2023

Chief Guest
Prof. Sri. Pulugurta Somaraju
Secretary, Gayatri Vidya Parishad
Visakhapatnam

Guest of Honor
Smt. Lakshmi Mandhata
Sampradya Patasala
Tirupathi

Program Conducted
by
Smt. Dr. Pantula Rama
Sri. M.S.N. Murthy

Special Invitee
Smt. Suneeta Kotari
Director, A.P.& Telangana,
Sree Venkata Annamaacharya Seva Trust

We invite all the devotees to take part in this auspicious function
Executive Committee,
Sri Kanchi Kamakoti Sankara Matham
Visakhapatnam.

Sankara matham
Youtube Live Link will be shared
at 4:30pm

Handwritten signature/initials.





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4. Newspaper Clippings:

The program garnered attention from local media, with articles and features published in prominent newspapers. These clips showcased the event's success and its role in promoting cultural heritage, making it a proud moment for all involved.

The collage contains several newspaper clippings. The top row includes a clipping from 'Sakshat' with the headline 'సాక్షి స్థానికం తూర్పు విశాఖ' and another with 'సాక్షి స్థానికం తూర్పు విశాఖ'. Below these are more clippings with headlines like 'సాక్షి స్థానికం తూర్పు విశాఖ' and 'సాక్షి స్థానికం తూర్పు విశాఖ'. The clippings show a large gathering of people at an event, with some individuals in traditional attire. The text in the clippings is in Telugu and describes the event's success and its role in promoting cultural heritage.

This clipping has the headline 'వీనులవిందుగా సాక్షిత గాన ఝలి' (Musical feast of Sakshita songs) and 'ఆధ్యాత్మికం' (Spiritual). It features a large photograph of a crowd of people at an event. The text in Telugu describes the event as a musical feast and a spiritual experience. It mentions that the event was held at the college and was attended by a large number of people. The text also mentions that the event was a success and that it played a role in promoting cultural heritage.

Handwritten signature and initials.



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STOTRA GANA JHARI-EVENT-2

2. Program Invitation :

The program invitations were meticulously crafted to resonate with the cultural ethos of the event. Distributed across the community, they were instrumental in drawing a large and enthusiastic audience to celebrate the occasion.

శ్రీ శ్రీ శ్రీ చంద్రశేఖరేంద్ర సరస్వతి మహాస్వామి వారి
ఆరాధనా మహోత్సవములు

జనవరి 8-2024 సోమవారం,
మధ్యాహ్నం 1:45 గంటలకు

స్తోత్ర గాన ఝరి -2024

వేయిమంది విద్యార్థుల చే
"మహాభారత రత్నమాల పద్య పఠనం"

నిర్వహణ :
"సంగీత సుధానిధి" శ్రీమతి మండ సుధారాణి

సహ నిర్వహణ :
"సంగీత సుధానిధి" శ్రీమతి లలితా చంద్రశేఖర్
"సంగీత సుధానిధి" డా.మండపాక శారద
డా. ద్వారం త్యాగరాజు
శ్రీ ప్రాతా కృష్ణ మూర్తి

డా.పి.వి.ఎస్ లక్ష్మి శ్రీనివాస్ శ్రీమతి ఎస్.వి సుబ్బలక్ష్మి
శ్రీమతి ఆర్. కుసుమ కుమారి శ్రీమతి ఇవతూరి జగదంబ
కుమారి లక్ష్మి ప్రసన్న కుమారి ఇవతూరి కృష్ణ శృతి
కుమారి విష్ణు ప్రయా ఇందిర కుమారి అర్. ప్రీతి
కుమారి అర్. మహతి కుమారి గట్టి. శ్రీవిద్య
కుమారి అర్.ఎల్ కృష్ణ ప్రీయ

అపార కరుణాసింధుం మరియు మైత్రీం భజిత
"సంగీత కళాసాగరః" డా. పంతుల రమ

వేదిక : T. T. D. కళ్యాణ మండపం, MVP కోలనీ, విశాఖపట్టణం



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KOMMADI, MADHURABADA, VISAKHAPATNAM - 530 048

(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION [NBA] FOR B.TECH CSE, ECE AND IT - VALID FROM 2019-22 AND 2022-25)

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION[NBA] FOR B.TECH EEE VALID FROM 2023-24 TO 2025-2026)

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A lecture by Dr V. Sujatha

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN
Madhurawada :: Visakhapatnam – 530 041

No.GVPW/GC/14

Date: 15/04/2024

CIRCULAR

1. There will be a Lecture of Dr Sujatha, MD, DM (Cardiology), Chief Cardiologist, Indus Hospital and Consultant Cardiologist - GVP Hospital in the College Auditorium as detailed below:

Topic : "Cardiac Diseases in Women"
Date & Time : Tuesday the 16th April, 2024 at 2.00 PM

2. All the Faculty and Students are requested to attend the lecture.


PRINCIPAL

To: -

All the Students, Faculty and Non Teaching Staff members

Copy to:

1. Secretary, GVP
 2. Vice-principal, GVPW
 3. All Heads of Departments
- } for information please





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KOMMADI, MADHURAWADA, VISAKHAPATNAM - 530 048

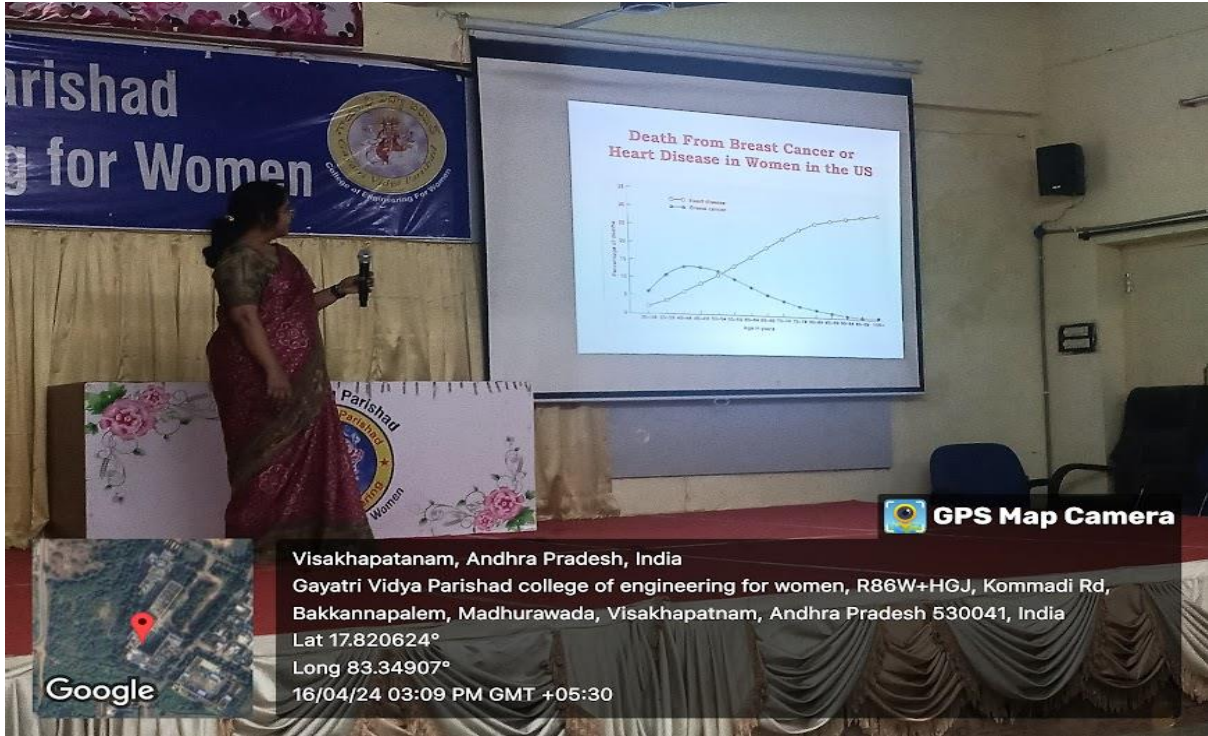
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EEE-TESLA





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ECE-ECLAT-A



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ENGINEERING FOR WOMEN**
(Approved by AICTE, NEW DELHI, affiliated
to ANDHRA UNIVERSITY)
MADHURAWADA, VISAKHAPATNAM-530048
Website: www.gvpcew.ac.in

**Department of Electronics and
Communication Engineering**

ECLAT-A

**INVITES YOU FOR THE
INAUGURAL CEREMONY** ✨

On
18th November 2023
Saturday at 11:00am

CHIEF GUEST
Dr. M. Satya Prasad
Deputy General Manager, BSNL
Visakhapatnam

GUEST OF HONOUR
Prof. B. S Murthy
Retired professor
Andhra University & GVPCEW

VENUE: AUDITORIUM



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IT-SPIKE



The students and staff of the Department of
INFORMATION TECHNOLOGY

INVITE YOU TO THE INAUGURATION OF THE SPIKE CLUB

On 25 November ,2023 i.e.. Saturday
which is being held in our college Auditorium.
We are privileged to have your presence in the event.

Dr. Suri Babu Korada

Scientist, NSTL

Has kindly consented to be the chiefguest on the occasion

Date : 25 November 2023
Venue : GVPCEW Auditorium
Time : 2:00 PM onwards



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CSM-AIMERS

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

INVITES YOU TO THE INAUGURAL CEREMONY OF

AIMERS



THURSDAY
23 . 11 . 23

10:30 AM
AUDITORIUM

CHIEF GUEST

THIRUMALESH KONATHALA
PARTNER & CHIEF AI SCIENTIST
BYTEIQ ANALYTICS

GUEST OF HONOUR

ALOK SONI
CO-FOUNDER
VIZAG STARTUPS

DR. K. RAJA RAJESHWARI, DEAN (R&D)
WILL PRESIDE OVER THE FUNCTION

YOUR PRESENCE IS HIGHLY SOLICITED... TEAM AIMERS



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CSE-COSCENGERS

THE DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING
GAYATRI VIDYA PARISHAD COLLEGE OF
ENGINEERING, VISAKHAPATNAM

Invites you for the



INAUGURATION CEREMONY ON

DECEMBER

SATURDAY | 03 | AT 11 AM

2022

Prof. P.S AVADHANI

Former Director of IIIT Agartala
& former Principal, AU

has kindly consented to
be the **Chief Guest**

Principal- Dr. R K Goswami
HOD- Dr. P S V L Jagadamba

your presence is highly solicited

TEAM COSCENGERS



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MATHEMATICAL SCIENCES CLUB



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MATHEMATICAL SCIENCES CLUB

Empowering Minds in Exploring Thoughts

INVITATION

1. The Mathematical Sciences club is celebrating Mathematics Week from 18th – 23rd December 2023 to commemorate the Birth Anniversary of Sri. Srinivasa Ramanujan, the legendary Indian Mathematician.
2. We are happy to inform that National Mathematics Day celebration will be held in the college auditorium from 10 AM onwards on 22nd December 2023. You are cordially invited to attend the function and make it a grand success.
3. Dr. Y. Vasudeva Rao (Former Visiting Professor of IIT Bhubaneswar, Former Professor of Applied Mathematics Andhra University) has kindly consented to be the chief guest on the occasion.





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మధురవాడ గాయత్రీ మహిళా ఇంజనీరింగ్ కళాశాలలో
విజ్ఞేతలకు బహుమతులు అందిస్తున్న అతిథులు



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ECOTECH CLUB





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BEST-PRACTICE -2

PROJECT BASED LEARNING

INTERNSHIPS WITH INDUSTRIES

Hindustan Shipyard Ltd.

(A Govt. of India undertaking)
Gandhigram, Visakhapatnam - 530 005, INDIA.
CIN No. U74899AP1952GO1076711
(An ISO - 9001:2015,
ISO - 14001:2015,
ISO - 45001:2018 Company)



21561A4209
हिन्दुस्तान शिपयार्ड लि.

(भारत सरकार का उपक्रम)
गांधीग्राम, विशाखपट्टणम - 530 005, भारत
(आईएसओ - 9001:2015,
आईएसओ - 14001:2015,
आईएसओ - 45001:2018 कंपनी)

Ref: HSL/T&D/INT/497/24

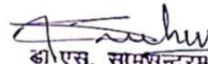
Date: 05 Aug 2024

CERTIFICATE

This is to certify that Ms. DIKKALA MANASA PRANEETHA, (photograph affixed below) is D/O of Sri. D.V RAMANA MURTY, studying 3rd Year B.TECH in GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN, VISAKHAPATNAM has undergone INTERNSHIP in Hindustan Shipyard Limited, Visakhapatnam from 05 Jun 2024 to 03 Aug 2024.

Her conduct during the above period was found to be GOOD.




डा.एस. सामसुन्दरम 05/8/2024
Or S Somasundaram
सिस्टम प्रबन्धक (प्रशिक्षण एवं विकास)
Sr Manager (T&D)



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21JG1A4218



Industrial Internship Certification



This Certificate is awarded to

JAMI SOWMYA

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

for successfully completing the Internship

"FULL STACK WEB DEVELOPMENT USING JAVA"

Scoring Grade: "A+"

Intern Id: HIMES2024FSJ3595

FROM : 19-06-2024 TO 23-07-2024



DINESH KUMAR HIRAWAT
CEO
HMI Engineering Services

no:101, Rajashekar Residency, Near V Hotel, srinagar, Dwarakanagar, Visakhapatnam:530016 www. hmies.in

21JG1A4239



CERTIFICATE OF INTERNSHIP

This certificate is presented to

Mothikivalasa Thanushya

for successfully completing her 6 week industrial training/internship at Candela Technologies India Pvt Ltd. During this period she was exposed to various technologies and interpersonal skills relating to a high tech product company in Wireless Domain.

Sitarama Penumetsa
General Manager



Sowjanya Sivavani
Operations & HR Manager



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INDUSTRY BASED PROJECT LEARNING



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(Approved by AICTE, New Delhi and Affiliated to Andhra University)

(Accredited by NBA & NAAC (Grade A))

Industrial Visit to Centre for Excellence in Maritime and Shipbuilding (CEMS), Visakhapatnam

Date: 26-07-2023

Title: Industrial Visit to “CEMS, Visakhapatnam” Date: 25-07-2023 10:00AM-3:00PM
Preamble: Industrial visits provide students with the opportunity to observe real-world applications of the concepts they learn in the classroom. It helps bridge the gap between theoretical knowledge and practical implementation. Students can witness how theories are put into practice and understand the functioning of various industrial processes. Also, provide insights into the functioning of different industries and the overall business environment. CEMS is a skill development initiative undertaken by Ministry of Shipping along with Siemens Industry Software India Pvt Ltd. & Indian Register of Shipping in line with Prime Minister's initiative of Skill India. The project aims to impart Industry 4.0 relevant training in latest software & hardware tools and technology used in the engineering industry with 18 state-of-the-art labs.
Participants profile: In total 46 students from various branches who are the members of IEEE and IIC have participated in the industrial visit. Two faculty members Dr.L.Ganesh and Mrs.P.Sridevi have accompanied the students. The participants include: 20 (IT), 08 (CSM), 03 (ECE), 12(EEE) and 03(CSE) students.
About the Visit: The industrial visit was organized by the IIC (Institute Innovation Council) and the IEEE Student Chapter at GVPCEW. It commenced on July 25th, 2023, at 10:00 AM and concluded at 3:00 PM. Upon our arrival at the company, the entire technical team, along with the HR and Operations Manager, warmly welcomed all the participants. Livingston Francis, the HR representative, delivered an informative presentation about CEMS, highlighting its facilities, career opportunities, research and development activities, training programs, internship opportunities and work environment. Following the presentation, the students were divided into groups and granted access to different sections of the company, includes IoT and IIoT lab, Process automation lab, Robotic Arch welding lab, Numerics and hydraulics and tube and plumbing. This allowed them to gain firsthand experience and insights into the company's operations. The visit culminated with visit to Augmented/Virtual and Mixed reality lab.
Registration/Sponsorship/Funding: <ul style="list-style-type: none">• Student members/representatives of IEEE and IIC are allowed to take part in Industrial visit.• Rs.150 per students is paid as registration amount to the company.
Report Submitted by: Dr.L.Ganesh, IIC & IEEE Coordinator, GVPCEW



L. Ganesh
Coordinator



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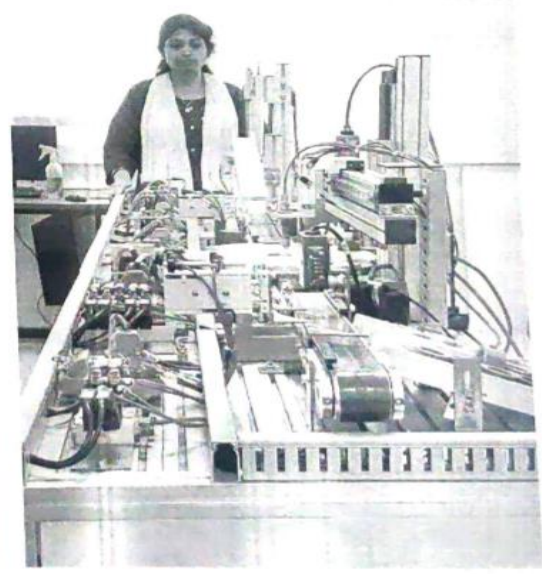
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Date 25-07-2023

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2.	R. KHYATHI	INFORMATION TECHNOLOGY	R. Khyathi
3.	A. SRIYA	INFORMATION TECHNOLOGY	A. Sriya
4.	B.SAI SRI	INFORMATION TECHNOLOGY	B. Sai Sri
5.	P.NISHA	INFORMATION TECHNOLOGY	P. Nisha
6.	K.B.S ANUSHA	INFORMATION TECHNOLOGY	K.B.S. Anusha
7.	U.JASWITHA	INFORMATION TECHNOLOGY	U. Jaswitha
8.	M.NIKHITHA	INFORMATION TECHNOLOGY	M. Nikhitha
9.	V.SANJANA	INFORMATION TECHNOLOGY	V. Sanjana
10.	G.YASASWINI PRIYA	INFORMATION TECHNOLOGY	G. Yasaswini Priya
11.	K.SAI LIKITHA	INFORMATION TECHNOLOGY	K. Likitha
12.	B.SAHITHI	INFORMATION TECHNOLOGY	B. Sahithi
13.	SHAIK NAFISA NAZ	INFORMATION TECHNOLOGY	Shaiq Naz
14.	R.DHATRI	INFORMATION TECHNOLOGY	R. Dhatri
15.	V.S.C.PRASANATHI	INFORMATION TECHNOLOGY	V.S.C. Prasanathi
16.	K.H.PRANAVI	INFORMATION TECHNOLOGY	K.H. Pranavi
17.	B.SARITHA	INFORMATION TECHNOLOGY	B. Saritha
18.	CH.DEEPTHI	INFORMATION TECHNOLOGY	Ch. Deepthi
19.	R.RUKMINI	INFORMATION TECHNOLOGY	R. Rukmini
20.	N.VIDYA VALLIKA	INFORMATION TECHNOLOGY	N. Vidya Vallika
21.	M.TEJASWINI	CSM (AI & ML)	M. Tejaswini
22.	N.KEERTHANA	CSM (AI & ML)	N. Keethana
23.	N.SRI RAMYA	CSM (AI & ML)	N. Sri Ramya
24.	J.SOWMYA	CSM (AI & ML)	J. Sowmya
25.	R.RENUKA SAI	CSM (AI & ML)	R. Renuka Sai
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27.	G.DEEKSHITHA	CSM (AI & ML)	G. Deekshitha
28.	D.MANASA PRANEETHA	CSM (AI & ML)	D. Manasa Praneetha
29.	B.NAVYA	ELECTRONICS AND COMMUNICATIONS ENGINEERING	B. Navya
30.	P.KANCHANA REKHA	ELECTRICAL & ELECTRONICS	P. Kanchana
31.	P.DEEPIKA	ELECTRICAL & ELECTRONICS	P. Deepika
32.	B.SOWMYA	ELECTRICAL & ELECTRONICS	B. Sowmya
33.	D.DHANUSHA	ELECTRICAL & ELECTRONICS	D. Dhannusha
34.	K.CHARISHMA	ELECTRICAL & ELECTRONICS	K. Charishma
35.	P.PUSHPA LATHA	ELECTRICAL & ELECTRONICS	P. Pushpa Latha
36.	T.SRILAKSHMI	ELECTRICAL & ELECTRONICS	T. Srilakshmi
37.	A.VASAVI	ELECTRICAL & ELECTRONICS	A. Vasavi
38.	M.JAYA CHANDRIKA	ELECTRICAL & ELECTRONICS	M. Chandrika
39.	R.RAMANI DURGA	ELECTRICAL & ELECTRONICS	R. Ramani
40.	R.HARI PRIYA	ELECTRICAL & ELECTRONICS	R. Haripriya
41.	V.RESHMA	ELECTRICAL & ELECTRONICS	V. Reshma
42.	G.PRAVALLIKA	COMPUTER SCIENCE	G. Pravallika
43.	I.KUSHYANTHI	COMPUTER SCIENCE	I. Kushyanthi
44.	K.PRANATHI	COMPUTER SCIENCE	K. Pranathi
45.	Y. Jahnvi Sivani	ECE	Y. Jahnvi
46.	Y. Kavya Reddy	ECE	Y. Kavya Reddy
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K. Anil
IEEE Coordinator



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ACADEMIC TERM PROJECTS



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EAPCET
Counselling
Code
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Department of Computer Science and Engineering (AI & ML)

21 BATCH 3CSM Term Projects

AY:2023-24

S.N	Roll No.	Name of the Student	Batch	Title of the Project
1	21JG1A4214	GORTHI SRI SIVANANDINI	B01	DIAGNOSIS OF DIABETIC RETINOPATHY USING TRANSFER LEARNING
2	21JG1A4242	PAALURU DIVYA		
3	21JG1A4206	Chatti Anu Sri		
4	21JG1A4257	TOOPATI DURGA PRASANNA		
5	22JG5A4205	RAVADA NAGA SUPRIYA		
6	21JG1A4217	GUNIMANIKALA SURYAJAYASRI	B02	ANALYSIS AND DETECTION OF AGE AND GENDER USING DEEP LEARNING HEURISTIC
7	22JG5A4203	MEESALA GEETHA GAYATHRI		
8	21JG1A4233	MOHAMMED ARSHIYA FIRDOUS		
9	21JG1A4215	GUDIVADA DEEKSHITHA		
10	21JG1A4235	MUDUDANA NANDINI		
11	21JG1A4228	Mallipeddi Prasanthi	B03	Stress detection using NLP and ML
12	21JG1A4263	Yavanamanda Sri Phani		
13	21JG1A4258	Trisha Jenna		
14	21JG1A4202	Annam Mallika		
15	21JG1A4208	DEVARAPALLI SANJANA		
16	21JG1A4256	Telukala Anitha	B04	Prevention And Detection Of Ddos Attacks Using Ensemble Technique
17	21JG1A4246	POSHITHA INAGANTI		
18	21JG1A4223	KOBIDASH YETENDRIYA LAMANI		
19	21JG1A4211	Gadiraju Satvika		
20	21JG1A4216	GUGGILI SIREESHA		
21	21JG1A4253	SURAPANENI DEEPIKA	B05	INTRUSION DETECTION SYSTEM USING GATED RECURRENT NEURAL NETWORKS
22	21JG1A4240	NAREMSETTI SHARMILA		
23	21JG1A4222	KATIKIREDDI SRIVAISHNAVI		
24	22JG5A4204	PALLAPATI BHAVITHA		
25	21JG1A4238	NALLA SRI RAMYA		
26	21JG1A4227	Malla Esha Thaniya	B06	A Hybrid Machine Learning Technique For Heart Disease Prediction
27	21JG1A4248	REDDI RENUKA SAI		
28	21JG1A4224	Kola Indu		
29	21JG1A4225	KOLLURU BHARATHI		
30	21JG1A4243	PENTAPATI RAJ TANUJA		
31	21JG1A4232	MOHAMMAD BASHEERA SULTANA	B07	CREDIT CARD FRAUD DETECTION USING AUTOENCODERS
32	21JG1A4205	Boni Pootha		
33	21JG1A4230	MANYAPURI TEJASWINI		
34	22JG5A4206	GUMMADI MEGHANA		
35	21JG1A4251	Yamini Seetapu		

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36	21JG1A4262	Voleti Vaishnavi	B08	FAKE NEWS DETECTION USING NLP
37	21JG1A4250	S S N SATVI ABHIGNYA NADAKUDIT		
38	22JG5A4202	KOKKILIGADDA MYTHILI		
39	21JG1A4244	PODUGUMATI SUSMITHA		
40	21JG1A4218	JAMI SOWMYA	B09	BRAIN TUMOUR IDENTIFICATION USING CONVOLUTIONAL NEURAL NETWORK
41	21JG1A4229	Mandapali Yasaswini		
42	21JG1A4239	NANDURI SAI HARIKA		
43	21JG1A4254	T SAI SREE MOKSHA		
44	21JG1A4260	V.B.Spoorthi		
45	21JG1A4220	JUSTIN JESLIN	B10	IDENTIFICATION OF BIRD SPECIES USING CONVOLUTION NEURAL NETWORKS
46	21JG1A4221	Kasarapu Harshitha		
47	21JG1A4231	Mogilipuri Keerthi		
48	21JG1A4252	CHINMAYI SISTA		
49	21JG1A4259	UPPALPATI PRAPADHYA		
50	21JG1A4261	DHANISHYA VADLAMUDI	B11	Cryptographic Approach For Detection And Prevention Of Ransomware Attack using Machine Learning Techniques
51	21JG1A4236	MULUPURI VENKATA		
52	21JG1A4201	Amirsetti Lakshmi Prasanna		
53	21JG1A4213	Gokiso, Evangelina		
54	21JG1A4249	REDDY DIVYA VARSHITHA		
55	21JG1A4204	Bonela Praveena	B12	HEART DISEASE PREDICTION USING MACHINE LEARNING ALGORITHMS
56	22JG5A4201	KAKI ROSHINI		
57	21JG1A4219	JETTI SRAVANTHI		
58	21JG1A4255	Tamma. Kanchana Rekha		
59	21JG1A4241	Nidamanuri Sirisha		
60	21JG1A4234	Mothikivalasa Thanushya	B13	Handwritten recognition using deep learning techniques
61	21JG1A4226	KORIBILLI PALLAVI		
62	21JG1A4207	CHINTAPALLI MEENAKSHI		
63	21JG1A4247	POTLADA .SWATHI SINDHUJA		
64	21JG1A4203	Baṅḍaru Shweta Evangelina		
65	21JG1A4237	Nagara.keerthana MUDI	B14	Multi Modal Learning with Deep Neural Networks
66	21JG1A4245	POLAROUTHU TULKA LAKSHMI		
67	21JG1A4210	Ejjada Nandini		
68	21JG1A4212	G Sri Chaahna		
69	21JG1A4209	DIKALA .MANASA PRANEETHA		
70	20JG1A4233	N JAYAVARDHINI		

Signature of the Coordinators



Optimizing Heart Disease Prediction: Comparative Analysis of Machine Learning Algorithm for Early Detection

Purushotam Naidu K.^{1,*}, K. Roshini², J. Sravanthi², T. Kanchana Rekha², N. Sirisha², M. Thanushya²

Abstract

The expanding realm of data analysis holds considerable importance in healthcare, particularly in the medical sector where forecasting heart disease is considered a complex endeavor. Early prediction of serious health conditions can be the determining factor between survival and fatality, with heart disease being one such critical health issue. Over the past decade, the main reason for death has been heart disease. Heart disorders come in many different forms, and they are often referred to as cardiovascular diseases. These can range from heart rhythm issues to birth abnormalities to illnesses of the blood vessels. For several decades, it has continued to be the leading cause of death worldwide. It is imperative to find a precise and trustworthy method for automating the task in order to detect the sickness early and manage it effectively. Machine learning, a prominent application of artificial intelligence, is making significant strides in various research domains. This study examines supervised learning models, including logistic regression, naïve Bayes, support vector machine, K-nearest neighbors, decision tree, random forest, and the ensemble technique XGBoost, offering a comparative analysis to identify the most effective algorithm. Results indicate that random forest achieves the highest accuracy at 90.16% compared to other algorithms.

Keywords: Classification accuracy, logistic regression, naïve bayes, support vector machine, K-nearest neighbor, decision tree, random forest

INTRODUCTION

Since heart disease instances are increasing daily, it is both important and concerning to be aware of potential heart disease cases in advance. Making this diagnosis is a difficult undertaking that calls for efficiency and accuracy. The primary objective of the research article is to pinpoint individuals with an

elevated risk of developing heart disease by considering various medical criteria. We created a heart disease prediction algorithm based on the patient's medical history to ascertain whether or not a heart disease diagnosis is likely. It can improve the decision-making abilities of healthcare professionals in terms of identifying an appropriate treatment plan and aid in the process of accurate diagnosis. These characteristics have a dataset that is gathered and examined. Gathering information from the right source is essential when building a prediction model since it affects the model's accuracy.

In this work, we aim to create a comprehensive predictive model for heart disease by utilizing machine learning (ML) algorithms such as naïve

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Textual Clues to Stress: A Machine Learning Approach

K. Purushotam Naidu^{1*}, M. Prasanthi², Y. S. P. Kousalya³, Trisha Jenna⁴

Abstract

Nowadays, numerous individuals utilize social media platforms to share tweets about their daily lives, which often reflect their mental well-being. Recognizing and managing stress is essential before it becomes a serious issue. Each day, a significant volume of informal messages is posted on discussion forums, blogs, and social networking sites. This study introduces a method for detecting stress using information gathered from social media, with a focus on Twitter. The project encompasses various tasks, including data collection, data cleaning, system training, and stress identification for users. Natural Language Processing (NLP) and Machine learning [ML] methods like SVM, Random Forest [RF], K-Nearest Neighbour [KNN], Naïve Bayes [NB], Decision Tree [DT] will be used to do this. Detecting stress in a timely manner for preventive care is challenging. The proposed study consists of two main components: stress detection through machine learning methods and information extraction through natural language processing. The four primary stages of this study involve text mining, auto summarization, stress detection, and collection of social media data. The suggested model can predict an internet user's stress level or cognitive load. It incorporates several machine learning strategies, with Support Vector Machine demonstrating superior performance concerning F1 score, accuracy, recall, and precision compared to other methods. The early detection of stress offered by the current methodology will bring significant benefits to society. Therefore, the proposed system utilizes tweets as input to make informed decisions.

Keywords: SVM, random forest, k-nearest neighbour, naïve bayes, decision tree, text mining, auto summarization

INTRODUCTION

Over the last few years, the prevalence of stress-related issues has prompted observers to explore innovative methods for early detection and intervention. Leveraging the wealth of real-time data available on social media channels like Twitter, the present research paper investigates the feasibility of utilizing social tweets to detect and understand stress levels among users. By analyzing linguistic patterns, sentiment and content; researchers aim to develop computational models and algorithms capable of accurately identifying indicators of stress. This paper explores the methodological approaches, potential applications, and ethical considerations associated with stress detection using social tweets, contributing to the advancement of digital mental health research.

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Mental stress is a medical or physical condition that affects a person and their life. Each year, an increasing number of individuals are experiencing higher levels of stress, which can sometimes result in thoughts of suicide. In 2021, there will be approximately 16.7 suicides per 100,000 people in India. Stress, which was considered harmful to human health, has become part of everyday life. Some of the current stress sensing methods are slow in nature and have many limitations such as



Intrusion Detection System Using Gated Recurrent Neural Network

Purushotam Naidu K.^{1,*}, S. Deepika², N. Sri Ramya³,
N. Sharmila⁴, K. Vaishnavi⁵, P. Bhavitha⁶

Abstract

In the realm of cybersecurity, the constant evolution of threats demands sophisticated intrusion detection systems (IDSs) capable of discerning intricate patterns in network traffic. This study proposes an IDS leveraging the capabilities of gated recurrent neural networks (GRNNs) to enhance the detection of anomalies and potential security breaches. The GRNN architecture, employing mechanisms like long short-term memory (LSTM) and gated recurrent unit (GRU), demonstrates efficacy in capturing long-range dependencies within sequential data, a critical attribute for analyzing network traffic. The proposed system undergoes a comprehensive process, including data collection, preprocessing, and training on a labeled dataset encompassing normal and malicious network behaviors. During the training phase, the GRNN refines its parameters to recognize patterns in network traffic. In the operational phase, the system continuously analyses incoming traffic, employing a predefined threshold to trigger alarms upon detecting potential intrusions. The benefits of employing GRNNs lie in their adaptability to changing traffic patterns and their capability to provide real-time intrusion detection. However, challenges include the need for substantial labeled training data and careful model optimization. The proposed IDS not only contributes to the arsenal of cybersecurity tools but also underscores the importance of leveraging advanced neural network architectures for effective and adaptive network security in the face of evolving threats.

Keywords: Neural networks, cybersecurity, GRU, IDS, real-time detection, XGBoost, GRNN, LSTM

INTRODUCTION

The escalating complexity of cyber threats in today's interconnected world necessitates robust and adaptive security measures. In safeguarding digital environments, intrusion detection systems (IDSs) play a crucial role by monitoring network activities and detecting anomalies that may signal security breaches. While conventional IDS methods have shown efficacy, the dynamic landscape of cyber threats necessitates more advanced approaches. Figure 1 illustrates two distinct types of IDS.

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A Host-Based IDS (HIDS) operates on a specific endpoint, aiming to safeguard it from both internal and external threats. It possesses capabilities such as monitoring network traffic to and from the endpoint, observing active processes, and examining system logs. While its scope is confined to the host machine, reducing contextual information for decision-making, it offers extensive insight into the internal workings of the host computer.

A Network-Based IDS (NIDS) is crafted to oversee the entirety of a secured network. It possesses insight into all network traffic and makes



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STRESS DETECTION USING NLP AND ML

A Term Project Report



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2023-2024



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A HYBRID MACHINE LEARNING TECHNIQUE FOR HEART DISEASE PREDICTION

A Term Project Report



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Kommadi, Madhurawada, Visakhapatnam-530048

2023-2024



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

KOMMADI, MADHURABADA, VISAKHAPATNAM - 530 048

(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)

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Department Of Computer Science and Engineering (AI&ML)

CERTIFICATE



This is to certify that the ~~internship~~ project report titled **A Hybrid Machine Learning Technique Heart Disease Prediction** is a bonafide work of following III B. Tech students in the Department of Computer Science and Engineering (AI&ML), Gayatri Vidya Parishad College of Engineering for Women affiliated to JNT University, Kakinada during the academic year 2022-2023, Semester-1.


Shrisha Thaniya (21JG1A4227)


Shravanika Sai (21JG1A4248)

Shraddha Tanuja (21JG1A4243)

K. Indu (21JG1A4224)

K. Bharathi (21JG1A4225)


Dr. K. Purushottam Naidu
Assistant Professor
(Project Guide)


Dr. Dwiti Krishna Bebartta
Associate Professor
(Head of the Department)



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INTERNSHIP CERTIFICATE

ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION
(A Statutory Body of the Government of A.P.)

Certificate of Completion

Certificate Id: BBAPSCHDEIIDT2024PART000444

This is to certify that Eeshita Sagiraju, bearing Reg. No: 20JG1A4217, from GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN, VISAKHAPATNAM of JNTU Kakinada, has successfully completed a long-term internship for 240 hours on AI-ML-DS. This internship was organized by International Institute of Digital Technologies, with its industry partner Blackbuck Engineers, in association with the Andhra Pradesh State Council of Higher Education (APSCH).

Anuradha Thota
Anuradha Thota
Chief Executive Officer
Blackbuck Engineers Pvt. Ltd.

Dr. Sundar Balakrishna
Dr. Sundar Balakrishna
Director General
International Institute of Digital Technologies

Date: 15/04/2024 Place: Tirupati, Andhra Pradesh

Virtual Internship Completion Certificate

This is to certify that

Sri Malvina Chadalavada

has successfully completed 10 weeks

Android Developer Virtual Internship
During January - March 2024

Supported By : India Edu Program
Google for Developers

Prof. K. Hemachandra Reddy
Prof. K. Hemachandra Reddy
Chairman, Andhra Pradesh State Council of Higher Education

Karthik Padmanabhan
Karthik Padmanabhan
Developer Ecosystem Lead
MDS&A India, Google

Dr. Satya Ranjan Biswal
Dr. Satya Ranjan Biswal
Chief Technology Officer, IITD
Ed 24-25

Certificate ID: 2d73b06524412341b959e0c09205c701



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CERTIFICATE



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CERTIFICATE OF COMPLETION

This is to certify that Ms./Mr. Gorthi Aravinda of Computer Science And Engineering (Artificial Intelligence And Machine Learning) with Registered Hall ticket no. 20JG1A4220 under Gayathri Vidya Parishad College Of Engineering For Women of JNTUK has successfully completed Long-Term Internship of 240 hours (6 months) on Full Stack Development (MIERN) Organized by SmartBridge Educational Services Pvt. Ltd. in collaboration with Andhra Pradesh State Council of Higher Education.

Certificate ID: EXT-APSCH E_FSD-13545

Date: 02-May-2024

Place: Virtual



Anand Kumar Katham
Smarter & CEO



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CERTIFICATE OF COMPLETION

This is to certify that

korada sharmila

has successfully completed Long-Term Internship for 240 hours on

Medical Inventory Management

Organized by 360DigiTMG in collaboration with Andhra Pradesh State Council of Higher Education.

Date : April 15, 2024

Place : Hyderabad

360DTMGIN23477

Certificate No.

Bharani Kumar Depuru
Director



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CERTIFICATE OF COMPLETION

This is to certify that Ms./Mr. GADIRAJU SATVIKA
B.Tech(CSE), 7th Sem, 21JG1A4211 under
GAYATHRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN of JNTU-K has successfully
completed Short-Term Internship for 120 hours on AI / ML Tools development
Organized by Innogeecks Technologies Private Limited
in collaboration with Andhra Pradesh State Council of Higher Education.

Place: Vijayawada

Date: 7th August 2024

Certification ID: 24SAI078



A. Eswar.
Authorized Signature