



MIND SPARK

Volume VIII Issue I

Department of Computer Science and Engineering
Half Yearly Newsletter

January-June 2022

Sreyas Institute of Engineering and Technology



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Vision and Mission

Vision

- To excel in computer science engineering education with best learning practices, research, and professional ethics.

Mission

- To offer technical education with innovative teaching, good infrastructure and qualified human resources.
- Accomplish a process to advance knowledge in the subject and promote academic and research environment.
- To impart moral and ethical values and interpersonal skills to the students.

JANUARY-JUNE 2022

ICAIDS 2022

International Conference on Artificial
Intelligence and Data Science
(ICAIDS-2022)

Virtual Mode

Sponsored By



(Approval Pending)

Keynote Speakers



**Zuopeng Justin
Zhang, Coggin**
College of Business,
University of North
Florida, Jacksonville
USA



Prof. Johan DEBAYLE,
MINES Saint-Etienne,
France



**Dr. Mohammed
Usman, KKU, Saudi
Arabia**



Iztok Fister Jr.,
University of Maribor,
Slovenia



**Prof. Pradeep Kumar
Gupta, JUIT, India,**



SREYAS
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(NBA & NAAC ACCREDITED INSTITUTION)

INVITATION

We cordially invite you to the Inauguration of
**1st International Conference on Artificial Intelligence and
Data Science (ICAIDS-2022)**

Organized
By
Department of CSE (AIML), CSE & CSE (DS)

From 11th – 12th March, 2022
(Time: 9:00 AM - 5:00 PM)

Chief Guest
Sri. Gautam Mahapatra
Scientist DRDO, Fellow President, Computer Society of India (CSI)

Chief Patron
Sri. Ananthula Hriday Reddy
Vice-Chairman

Patron
Dr. S. Sai Satyanarayana Reddy,
Principal & Professor, Dept. of CSE

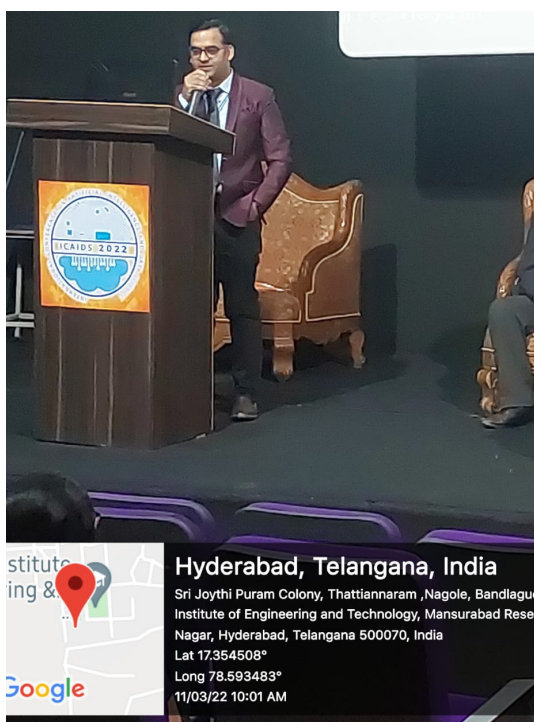
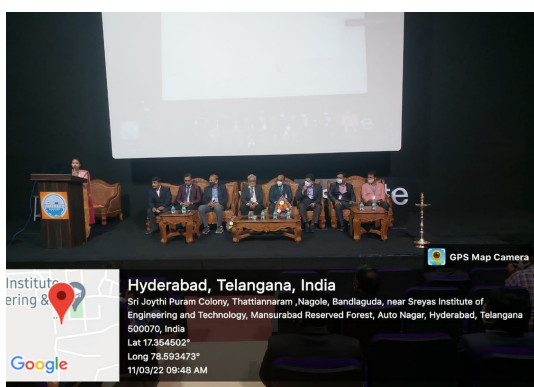


General Chair
Dr. Ashwani Kumar
HOD-CSE (AIML)

Convener
Dr. V Biksham
Associate Dean-R&D



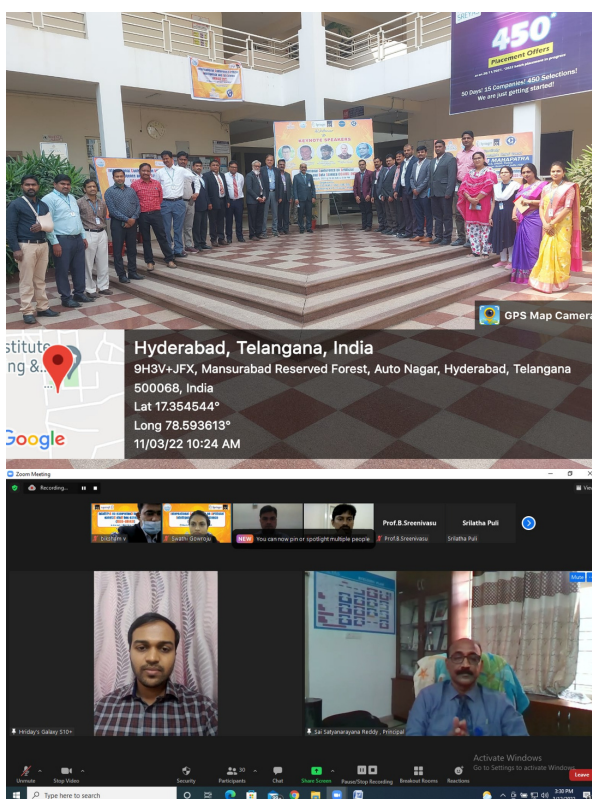
The International Conference on Artificial Intelligence and Data Science (ICAIDS-2022) was held on 11th and 12th March 2022, Organized by Department Of Computer Science & Engineering, CSE (AI&ML) and CSE (DS) in Sreyas Institute Of Engineering and Technology, Hyderabad, Telangana.



INAUGURATION OF ICAIDS - 2022

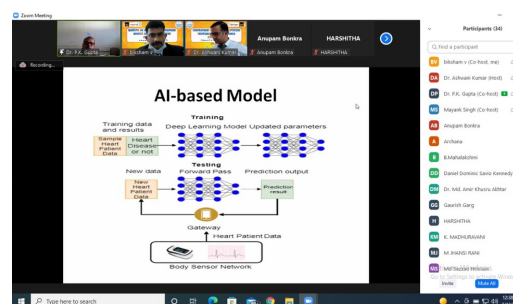
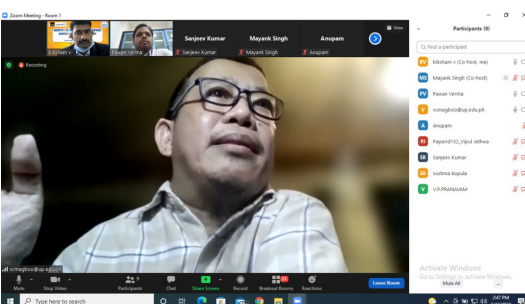
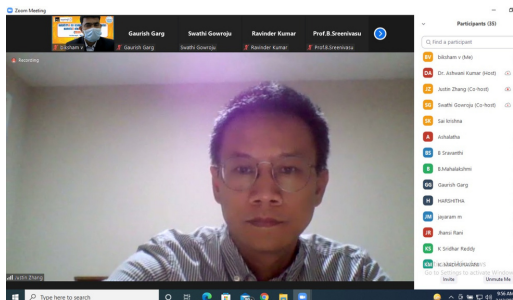
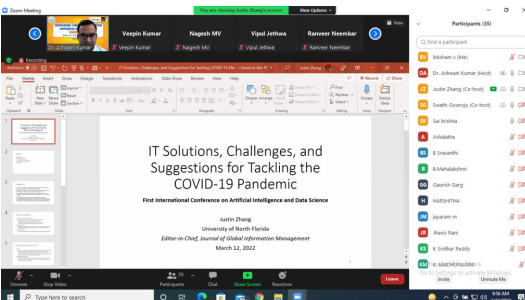
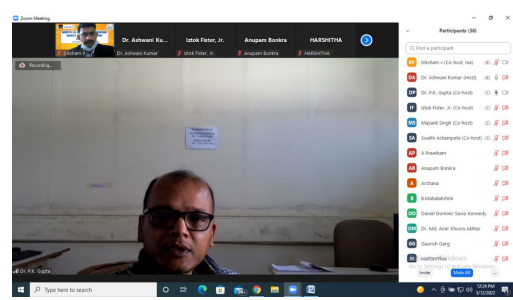
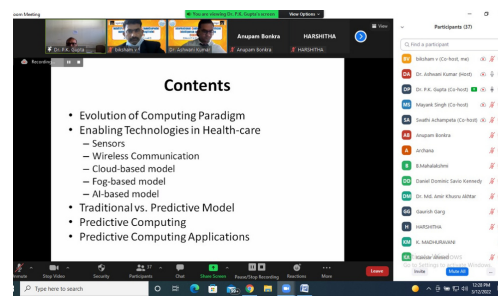
Plenary lectures were delivered by reputed personalities to introduce the theme of the conference followed by parallel sessions. Conference provided a platform to PG students, Researchers, young aspiring Engineers & Academicians to present their research findings of their respective domains of knowledge and share ideas and Views.

This conference was meant for researchers from academia, industries and research & development organizations all over the globe interested in the areas of Artificial Intelligence and Data Science. Special emphasis is put on the participation's of Ph.D students, Postdoctoral fellows and other young researchers from all over the world. It was beneficial in bringing together a group of experts from diverse fields to discuss recent progress and also to share ideas on open platform and also promote global collaborations. The conference featured world-class keynote speakers in the main areas.

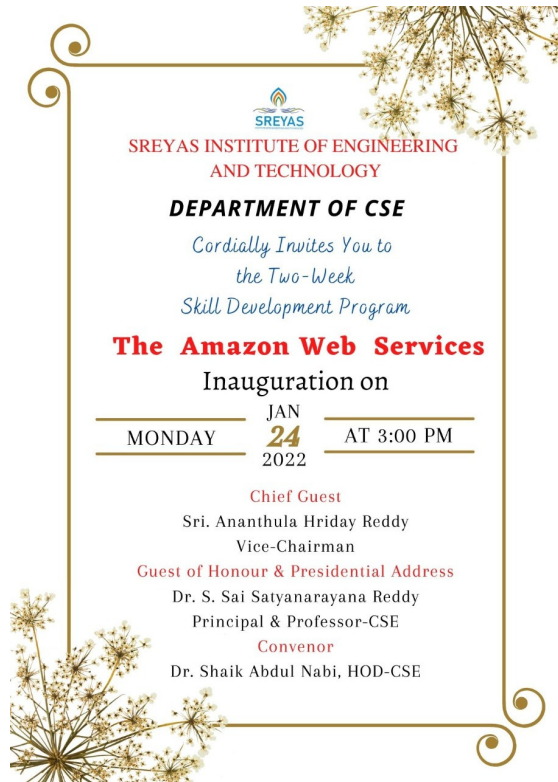


Prospective authors are encouraged to submit their latest research results to ICAIDS-2022, at Sreyas Institute Of Engineering and Technology, Hyderabad, Telangana, India.

All the accepted and presented papers expected to be published in Springer Series. The paper's will be indexed in Scopus, DBLP, ISI Web of Science, and Google Scholar.



AWS FDP



Two-Week skill development program on "Amazon Web Services" was organised by department of Computer Science and Engineering in online mode from 24th January 2022 to 5th February 2022.

Students from CSE,DS, AIML, ME, CE, EC departments have participated in the skill development program. The instructors for the course are Mrs G.Swathi, Mrs V.Swathi and Mr.Krishna Reddy.

Amazon Web Services, Inc. is a subsidiary of Amazon that provides on-demand cloud computing platforms and APIs to individuals, companies, and governments, on a metered pay-as-you-go basis. These cloud computing web services provide distributed computing processing capacity and software tools via AWS server farms.

A TWO-WEEK Skill Development Program on 'The Amazon Web Services'

24 Jan 2022 - 5 Feb 2022
(Times: 3.00 PM - 4.00 PM)

About College

Sreyas Institute of Engineering and Technology was established in the year 2011 under the aegis of Sreyas Educational Society. The Institute maintains its impact high quality, competence based technical education in Engineering and Technology to students with skills and abilities to face challenging needs of industry and society. The Institute is approved by all Indian Councils for Technical Education (AICTE), New Delhi and affiliated to JNTU.

Enroll today

[Link to Register for the Program](#)

Resource Persons

- Prof. K. Krishna Reddy CSE Dept.
- Prof. Swathi Gauraju CSE Dept.
- Prof. V. Swathi CSE Dept.

Modules and Description

MODULE 1 - CLOUD CONCEPTS OVERVIEW
MODULE 2 - CLOUD ECONOMICS AND BUSINESS
MODULE 3 - AWS GLOBAL INFRASTRUCTURE OVERVIEW
MODULE 4 - AWS GLOBAL SECURITY
MODULE 5 - NETWORKING AND CONTENT DELIVERY
MODULE 6 - COMPUTE
MODULE 7 - STORAGE
MODULE 8 - DATABASES
MODULE 9 - CLOUD ARCHITECTURES
MODULE 10 - AUTO SCALING AND MONITORING

Pre-requisites

- A familiarity with cloud computing concepts
- A working knowledge of distributed systems
- Familiarity with general networking concepts
- A working knowledge of multi-tier architectures

About Department

The Department of Computer Science and Engineering since its inception in the year 2017 keeping in pace in technological advancement, currently Department offers Undergraduate courses in CSE with an intake of 240 students, AI and ML with an intake of 120 and also Data Science with an intake of 120 students. Department provides importance to practical training which has great impact on "hands on" experience besides a sound theoretical background is provided. Short term courses and technical lectures by eminent professors and professionals are arranged on a regular basis to broaden the knowledge spectrum of students. The Department motto is "Step into Learn and Step to Serve".

FACULTY ACHIEVEMENTS



Sri. V.Biksham, Assistant Professor of CSE has been awarded the Doctoral Degree on June 23, 2021, by JNTU Hyderabad. He has received the B.Tech Degree in Computer Science and Engineering from the SRTIST-Nalgonda (Affiliated to JNTUH), M.Tech. Degree in Software Engineering from the ATRI-Uppal, Hyderabad (Affiliated to JNTUH, and Ph. D. from the JNTU, Hyderabad, India. His current research area includes Cryptography, Cloud Computing, the Internet of Things, and Machine Learning.

HACKATHON 2022

|| Sponsored By ||

SREYAS **CODING HIRJAS** **CAREER BRIDGE IT SERVICES**

SIET HACKATHON 2K22
THINK IT | CODE IT | WIN IT

Idea Presentation **Coding Contest** **App Development** **Web Development**

Technical Quiz | Code Debugging | Technical Debate | Robotics Model Display

Students can also participate in

First Prize: INR 12K | Second Prize: INR 10K | Third Prize: INR 8K

|| Event Date: 12/03/2022 ||
Timing: 08:00 AM to 08:00 PM

Registration fee Rs. 100 per participant.
Last Date : 09th March 2022

CHIEF PATRONS	PATRON	COORDINATORS
Sri Ananthula Vinay Kumar Reddy Chairman	Dr. S.Sai Satyanarayana Reddy Principal	Dr.S.Venkata Achutha Rao Professor, CSE
Sri Chintala Ravindranath Yadav Secretary		Mr. Anish Srivastava Dean - Corporate Relations
Sri Nirvetta Sharath Reddy Treasurer		
Sri Ananthula Hriday Reddy Vice Chairman		

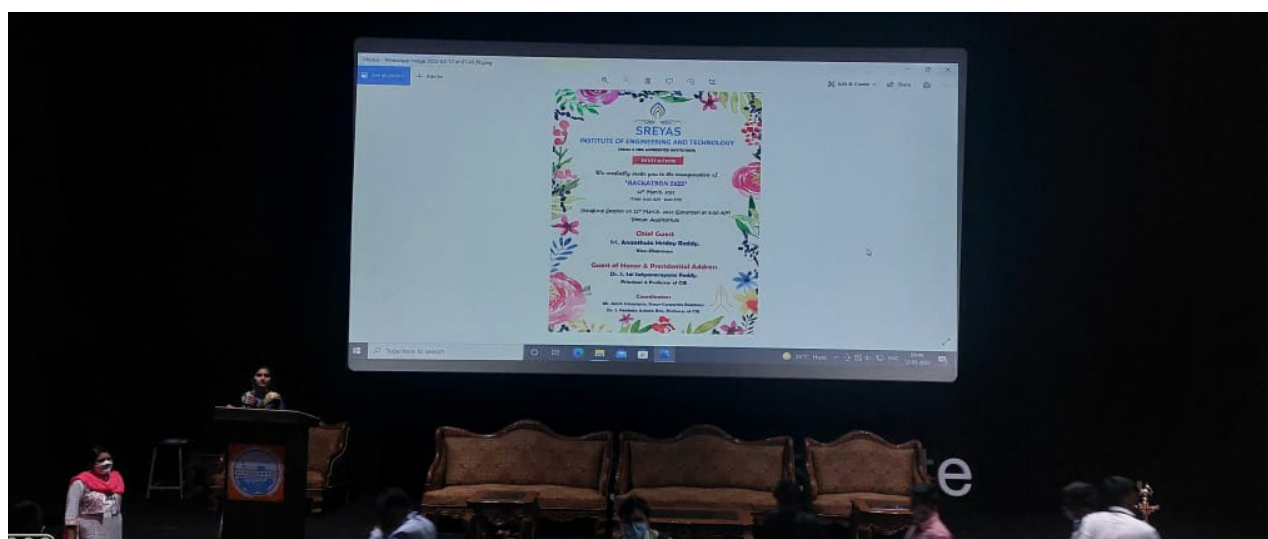
Sreyas Institute of Engineering and Technology
www.sreyas.ac.in | For any Query Call: 09885463131/ 09959655722

Hackathon-2K22 was conducted by the Department of CSE on 12th March 2022 with support and encouragement from principal sir Dr.S.Sai Satyanarayana Reddy(Principal, Sreyas Institute of Engineering and Technology) Sri Ananthula Hriday Reddy, Vice chairman, Sreyas Institute of engineering and technology and to inculcate knowledge amongst the youth. The coordinators of the event were Anish Srivastava (Dean corporate), Dr.S Venkata Achutha Rao, Profesoor, and Deputy HoD. The Judges for various events are Dr.Shaik Abdul Nabi Professor & HOD-CSE, Dr. M. Jayram Professor & HOD-DS, Dr. P. Shankar Professor, ECE, Dr.Haripriya, Professor, H&S, CH. Maruthi Rao, Professor, ECE, P.Bhanu, Professor, K.Sainath, Professor, MECH.

Event Coordinators:

K.RamyaLaxmi,
M.V.Nagesh,G.AnilKumar,
V.VijayaBhaskaraReddy,
P.VijayaLakshmi,K.Anoosha,
M.NareshChoudary,
G.AnilKumar,SatishGoud,
A.Soujanya,Ronaldo,
V.Praveen,Dr.B.SureshBabu,
G.AnilKumar.





The goal of the Hackathon is to bring out creative ideas to develop new insights to create useful software applications for society. Students enjoyed and had their complete efforts in their teams to meet the challenges. It also provided a platform for students to bring out their capabilities and thus also bolster their confidence, which is highly desirable for students who tend to undervalue their skills or achievements. Hackathon also helped the students to improve Smart Management and Team Dynamics.

Hackathon 2022 was sponsored by coding Ninjas, Career Bridge IT and Overseas Services, Coign, and Hit bull eye. It was overwhelming that there were tremendous registrations of students from 1st, 2nd and also 3rd year from all the branches.

The events conducted are Idea Presentations, Coding Contests, App development, and Web Development. Students also participated in the events like Technical Quiz, Code debugging, Technical Debate, and Robotics Model Display.

All events took place simultaneously and started with great encouragement. The event ended at 8 pm. The Awards and rewards are handed over to the winners on Annual Day on 26th March 2022.

WINNERS



WEB DEVELOPMENT

1.M.Hima Bindu, G.Sushma, D.Sanjith, and Vinuth Chowdary from 3rd year CSE holding a reward of Rs.12,000 /-

2.Ch. Srijith, E.Srinivas Reddy, B.Vennela, G.Manusha from 1st year CSE (AI&ML) holding a reward of Rs.10,000/-

IDEA PRESENTATION

1.A. Manvitha, G.Krithika, R.Tanish and G.Visha from 1st year CSE (DS) holding a reward of Rs.8,000/-

TECHNICAL EVENTS

1.K.Bhavani Sai, and M.Navya Sree from 1st year CSE won a cash prize of Rs.1000

2.R. Uday Kumar, U.Rahul from CSE and CSE(DS)

3.T.Akshitha from CSE.

TECHNICAL DEBATE

1.V.Sravani, K.Riya from CSE, K.Thanuja from ECE winning a cash prize of Rs.1000.

2. N.Varsha from 1st year ECE, I.Shivani from 1st year CSE(DS), P.Vasavi from 1st year CSE.

3.P.Akhiranandan winning Rs.5,200.



WEB DEVELOPMENT

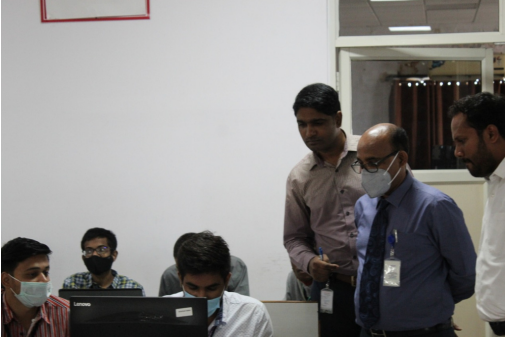
1. KL shiva Kanth reddy, U.Mahesh, D.Sathvik, R.Dinesh from CSE 3rd Year winning a cash prize of Rs.1000
2. M Roshini, V.Vishnu Madhuri from 3rd year CSE won a cash prize of Rs.500
- 3.S.Salman from 1st Year CSE(AI&ML) winning Rs.5,200 subscriptions.

IDEA PRESENTATION

- 1.Ch.Ashritha and M.Rushitha from 1st year CSE(DS) holding cash prize of Rs.1000.
- 2.A.Vignesh, Jayanth, Hrithik Verma, and Santhosh from 1st year CSE(AI&ML) winning Rs.500.
- 3.Third Prize Winners for Idea Presentation are R. Nethra, T. Sriya, K.Adithya, and M.Varun from CSE 1st Year winning Rs.5,200 subscriptions.

CODING CONTEST

1. S.Anish Reddy, P.Shyamchandra, A. Mahesh Vardhan, and V K Satwik from CSE(AI&ML) winning a cash prize of Rs.1000
- 2.A.Aravind, S S Surya Saroj, T.Aditya Vardhan, Pranab Kumar from 1st year CSE(DS) & CSE winning a cash prize of Rs.500
- 3.Aira Bhanu, V.Nitya Shree, P.Haritha, and R.Susanna from CSE(AI&ML) 1st year winning Rs.5,200 subscriptions.



w.manatlangana.news

హైదరాబాద్

శ్రీయాన్ కళాశాలలో 12 గంటల హ్యాకథాన్-2022

మన తెలంగాణ/అబ్దుల్లాపూర్ మేట్. నూతన టెక్నాలజీ దెవలప్ మెంట్ లో విద్యార్థులు రాకెండాంని సిఎస్ ఐ భార తదేశం అధ్యక్షులు దాక్టర్ గొతమ్ మహాపాత్ర, జేమి యూ నివర్షిటి ఆఫ్ ఇన్ ఫర్మేషన్ టెక్నాలజీ ప్రొఫెసర్ మహర్గం ప్లాలు అన్నారు. నగర శివారులోని తల్లిఅమ్మారం శ్రీయాన్ ఇన్ స్టిట్యూట్ ఆఫ్ ఇంజనీరింగ్ అండ్ టెక్నాలజీ కళాశాలలో కోడింగ్ యాద్ దెవలప్ మెంట్, వెబ్ దెవలప్ మెంట్, డిక్వికల్ క్విజ్, ఇన్ ఫర్మేషన్ ప్రాజెక్ట్ ల పై 12 గంటల హ్యాకథాన్-2022ని నిర్వహించారు. దాదాపు 400 కంటి ఎక్స్ ప్ మంది విద్యార్థులు చురుకుగా పాల్గొని బహుమతుల, అవార్డులు గెలుపొందారు. దీంతో పాటు అక్టివ్ యల్ ఇంటెలిజెన్స్ మరియు డెటా సైన్స్ (ఇసిఎఐఎస్-2022) పై అంతర్జాతీయ కాన్ఫరెన్స్ ను శుక్ర, శనివారంలలో నిర్వహించారు. ప్రపంచ వ్యాప్తంగా 16 దేశాలు మరియు భారతదేశంలోని 15 రాష్ట్రాల ద్వారా అధ్యాపకులు, పరిశోధ



కులు పాల్గొని 50 కంటి ఎక్స్ ప్ సాంకేతిక ప్రకాశం సమర్పించారు. ఈ కార్యక్రమంలో కళాశాల వైస్ చైర్మన్ అసంతుల హృదయరెడ్డి, ప్రెసిడెంట్ దాక్టర్ ఎస్.సాయి సత్యనారాయణరెడ్డి, జూనియర్ యూనివర్సిటీ ఆఫ్ మారిటోర్, ప్రొఫెసర్ దాక్టర్.ఇక్బాల్ ఖైరత్, మారిటోర్, స్టోవ్ నియా తదితరులు పాల్గొన్నారు.

మన హైదరాబాద్ Sun, 13 March 2022
<https://epaper.manatlangana.news/c/65785169>

CODE DEBUGGING

1.D.Aravind, G.VijayPrashith from 1st year CSE (AI&ML) won a reward of Rs.1000.

2.D.Aravind, G.Vijay sai Parshith from 1 st year CSE (AI&ML) won a cash prize of Rs.500

3. A.Karthik, D.Sai Nishanth, C.Jaykanth, and Preetham from the 1st year of ECE.

ROBOTICS MODEL DISPLAY

The Prize Winners for Robotics Model Display are P.Sai Vishruth, V.Shiva, Maanveeth, V.Sai from 1st-year Mechanical Winning a cash prize of Rs.1000/-



INDUSTRIAL VISIT



An Industrial Visit to “**NALSOFT (P) Ltd.**”, Hyderabad was organized by the Computer Science Department of Sreyas Institute of Engineering and Technology on **30th March 2022**. 41 students from CSE visited “NALSOFT” which is a leading IT service, Business Solutions and Consulting firm to understand prospectus.





Mr. M. Pavan Kumar Software Engineer at NALSOFT demonstrated the process of software development, the role of applications, SDLC steps, and Testing and Automation of Software is briefed. An interactive session with the client and team lead enabled the students to have a clarification how to code modules are being assembled. Techniques on the structure of coding, bugs in code, different types of bugs, and how debugging is done were very well explained. The session was well presented on the latest technologies like Big data, Artificial Intelligence, Machine Learning, Blockchain Technology, Data Mining, and Automation. Students were very interactive and excited to ask questions like, how the algorithms which they are learning in their syllabus, can be related to the projects.

Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum, mainly seen in engineering courses. Objectives of industrial visit is to provide students an insight regarding internal working of companies.

Industrial visit successfully conducted and lead by Mr.Krishna Reddy, Assistant Professor,CSE and Student Coordinators Nishnath (20VE1A0557) and M.Sai Samarth (20VE1A05D1).

STUDENT ACHIEVEMENTS

Essay Writing



Bantu Bhumika of Third CSE -D bearing Roll no 19VE1A05J8 has won the second prize in **Essay Writing** competition at the University Level **National Youth day** celebrations - 2022 held on 12th January, 2022 at JNTUH, Kukatpally Campus, organised by **NSS cell, JNTU Hyderabad, Telangana.**

Volleyball Tournament



S.RaghavendraRao of 3CSE-B bearing Rollno 19VE1A05B0, **U.Revanth** of 3CSE-D bearing Rollno 19VE1A05P0, **J.Mahendar** of 2CSE-D bearing Rollno 20VE1A05D1 team has participated and won **Second place** in Volleyball tournament in **Two-day National Level Inter-college Sports fest** held at **Kommuri Pratap Reddy Institute of Technology(Kurukshetra-2022)**, Hyderabad on **7th and 8th April 2022**.



BADMINTON



I.Sri Charan of 2CSE-A bearing Rollno 20VE1A0525, **T.Badrinath** of 2CSE-A bearing Rollno 20VE1A0558, **D.Parushuram** of 2CSE-A bearing Rollno 20VE1A0518 has participated in the Badminton Event, Sports Bout-9.0 held at **Anurag University** during **22nd -23rd April 2022**.

International Hackathon "ZHACKS".



HIMABINDU 19VE1A05M8 and **SAI SANJIT** 19VE1A05K5 OF 3CSE have secured 3rd Prize with a cash Prize of 20000/- at International Hackathon event "ZHACKS".

International Space Apps Challenge

International Space Apps Challenge is an international mass collaboration focused on space exploration that takes place in different cities around the world. The event embraces collaborative problem solving with a goal of producing relevant open-source solutions to address global needs applicable to both life on Earth and life in space. NASA is leading this global collaboration along with a number of government collaborators and over 100 local organizing teams across the globe. 24 hours Space Apps challenge is organized at Sreyas Institute of Engineering and Technology ,Nagole on **25th – 26th June, 2022.**

The main aim of the event is :

- To bring forth innovative ideas and solutions to the problem statements provided by the Space Apps Team.
- To encourage students to know about hackathon culture and how to solve real time issues or problems using NASA open data.
- To form Space Apps student community in tier 2 and tier 3 colleges.
- People selected in Pre-Qualification will be sent to local level of hackathon where they will be competing with different zonal winners.

The pre-qualification hackathon conducted at SIET by SUMVN was very useful to the students in exploring their innovative skill and enhancing their knowledge levels. The bootcamp which was held before the hackathon made students very curious to be part of this hackathon. Students came up with unique and innovative ideas. Overall, it was a very good experience for the students as it was the first hackathon conducted in the college.

Future Development:

- To create a community called space Apps student community to ensure that the students learn about technology and build up their ideas into products and solve real time problem of world which will be addressing in upcoming hackathons which are going to be conducted in the future.
- To support the students selected to the next round of Space Apps Hackathon by providing relevant mentors and technical experts
- To support innovations in the community from layman and young students.



Winners of Space Apps Challenge

WINNER 1

TEAM 26

PROJECT TITLE:

APP ON ESCAPE DEBRIS

1. M.ROSHINI
2. N.PRAVALLIKA
3. V.VISHNU MADHURI
4. P.SNIGDHA

WINNER 2

TEAM 10

PROJECT TITLE:

APP ON CARE CLUB

- 1.K.SUPRABHATH
- 2.M.NIKHITA
- 3.V. MAHALAKSHMI
- 4.S.NITHISH REDDY

WINNER 3

TEAM 38

PROJECT TITLE:

CONSTRUCTION

RESISTING EARTH QUAKE

- 1.R.VAMSHI
- 2.G.MAHESHWARAO
- 3.S.KARTHIK
- 4.B.VIJAY KUMAR

WINNER 4

TEAM 25:

PROJECT TITLE:

APP ON MENTAL HEALTH

- 1.K.ANANTH
- 2.PURBA SENAPATI
- 3.MOHAMMED ZUBAIR AHMED
- 4.D. SAI MADHULIKA

WINNER 5:

TEAM 13:

THROUGH VOTING

1. C. SRUTHI SRI
2. V.ROSHINI
3. G.MEGHANA
4. T.MANASA

WINNER 6:

NON- TECHNICAL

TEAM 22:

PROJECT TITLE: DOCUMENTARY ON
HACKATHON EVENT

1. D.GOUTHAM
2. SHREYAS
3. HANEESH
4. JAYANTH



NPTEL Certifications

LIST OF FACULTY WHO ACHIEVED NPTEL CERTIFICATIONS IN VARIOUS SUBJECTS.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING				
NPTEL Certification				
A.Y 2021-22				
S.No	Name of The Faculty	Name of The Programme	Duration	
1	Dr ABDUL NABI SHAIK	Python for Data Science	Jan-Feb 2022	4 weeks
2	JOSHI PADMA NARASIMHACHARI	Python for Data Science	Jan-Feb 2022	4 weeks
3	Mr N SANTHOSHRAMCHANDER	Python for Data Science	Jan-Feb 2022	4 weeks
4	VADDHIRAJU SWATHI	Python for Data Science	Jan-Feb 2022	4 weeks
5	B MAHALAKSHMI	Python for Data Science	Jan-Feb 2022	4 weeks
6	RAMYA LAXMI K	Python for Data Science	Jan-Feb 2022	4 weeks
7	A SWATHI	Python for Data Science	Jan-Feb 2022	4 weeks
8	ANANDA R KUMAR MUKKALA	Cloud Computing and Distributed Systems	Jan-Mar 2022	8 weeks
9	Dr ABDUL NABI SHAIK	An Introduction to Programming through C++	Jan-Apr 2022	12 weeks
10	K MADHURAVANI	An Introduction to Programming through C++	Jan-Apr 2022	12 weeks
11	G ANIL KUMAR	An Introduction to Programming through C	Feb-Apr 2022	8 weeks
12	P VIJAYA LAKSHMI	An Introduction to Programming through C	Feb-Apr 2022	8 weeks
13	K KRISHNA REDDY	Cloud Computing	Jan-Apr 2022	12 weeks



NPTEL-AICTE Faculty Development Programme

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



This certificate is awarded to

SHAIK ABDUL NABI

for successfully completing the course

Python for Data Science

with a consolidated score of **75 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Feb 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22CS32S43582592

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

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



NPTEL-AICTE Faculty Development Programme

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



This certificate is awarded to

MUKKALA ANANDA RANJITH KUMAR

for successfully completing the course

Cloud Computing and Distributed Systems

with a consolidated score of **82 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

(Jan-Mar 2022)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22CS18S43582366

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

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
B MAHALAKSHMI
for successfully completing the course
Python for Data Science

with a consolidated score of **70** %

Online Assignments	22.5/25	Programming Exam	25/25	Proctored Exam	22.34/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32543583888

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



NPTEL-AICTE Faculty Development Programme

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



This certificate is awarded to
KUNTA RAMYA LAXMI
for successfully completing the course
Python for Data Science

with a consolidated score of **75** %

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras

(Jan-Feb 2022)

Prof. Dileep N. Malkhede

Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22CS32533580337

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

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RFD / FDP through MOOCs / 2017-18



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
N SANTHOSH RAMCHANDER
for successfully completing the course
Python for Data Science

with a consolidated score of **75** %

Online Assignments	22.92/25	Programming Exam	25/25	Proctored Exam	27/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32533580097

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



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
JOSHI PADMA NARASIMHACHARI
for successfully completing the course
Python for Data Science

with a consolidated score of **69** %

Online Assignments	22.5/25	Programming Exam	25/25	Proctored Exam	21.34/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32533580103

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



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SWATHI GOWROJU
for successfully completing the course
Python for Data Science

with a consolidated score of **65** %

Online Assignments	20/25	Programming Exam	23.25/25	Proctored Exam	21.84/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32533580763

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



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
K KRISHNA REDDY
for successfully completing the course
Cloud Computing

with a consolidated score of **71** %

Online Assignments	21.72/25	Proctored Exam	49.73/75
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Total number of candidates certified in this course: **4701**

J

Prof. Jayanti Mukhopadhyay
Dean Outreach
IIT Kharagpur

Jan-Apr 2022
(12 week course)

Prof. Debjani Chakraborty

Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CS20533531474

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



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VADDHIRAJU SWATHI
for successfully completing the course
Python for Data Science

with a consolidated score of **77** %

Online Assignments	23.33/25	Programming Exam	23.25/25	Proctored Exam	30.67/50
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Total number of candidates certified in this course: **3390**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jan-Feb 2022
(4 week course)

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS32533581752

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



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to
P VIJAYA LAKSHMI
for successfully completing the course
Introduction to Programming In C

with a consolidated score of **70** %

Prof. Andrew Thangaraj

NPTEL Coordinator
IIT Madras

(Feb-Apr 2022)

Prof. Dileep N. Malkhede

Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22CS40524440202

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RFD / FDP through MOOCs / 2017-18

FACULTY PUBLICATIONS

LIST OF FACULTY PUBLICATIONS IN VARIOUS CONFERENCES AND JOURNALS

Scopus National/International Conference-Proceedings						
Department of CSE						
A.Y. 2021-22						
S. No.	Name of the Author/s	Title of the paper	Title of the proceedings of the conference	National / International	Year of Publication	ISBN/ISSN number of the proceeding
1	Dr.Sai Satyanarayana Reddy	Cloud Computing in a Distributed Environment Implemented with Networking Technologies	ICT Analysis and Applications	International	Jan-22	Lecture Notes in Networks and Systems book series (LNNS, volume 314) DOI: 10.1007/978-981-16-5655-2_54
2	Dr.M.Jayaram	Security Implementation Through Image Based Smart Grid Authentication System in Smartphone AdHoc Network (SPAN)	7th International Conference on Technical Advancements in Computer Science and Engineering (ICTACSE-2022)	International	28-29th January 2022	ISBN:978-93-90631-83-4
3	Dr.Shaik Abdul Nabi	Improved CNN Based Feature Extraction for Data Mining	IEEE sponsored 2022 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI2022)	International	28-29 January 2022	Accepted
4	Dr S Venkata Achuta Rao, Dr R Kiran Kumar Kumar and M Hima Bindu.	Design & Deployment of A Smart Chatbot Using Emerging Technologies	"International Conference on Research Advancements and Innovations in Computing, Communications and Information Technologies" – ICRAIC2I, conducted by NRI Institute of Technology, A.P.	International	22-24 April 2022	Accepted
5	Dr S Venkata Achuta Rao, Samudrala Vinay Kumar and Fahad Zakria Damudi.	Facial Recognition System Using LBPH Algorithm by Open Source Computer Vision Library	"International Conference on Research Advancements and Innovations in Computing, Communications and Information Technologies" – ICRAIC2I, conducted by NRI Institute of Technology, A.P.	International	22-24 April 2022	Accepted

National/International Book Chapter							
Department of CSE							
A.Y. 2021-22							
S. No.	Name of the Author	Title of the book chapters published	Title of the Book	Publisher	National / International	Year of Publication	ISBN/ISSN number of the proceeding
1	Dr. S. Venkata Achuta Rao Mrs.P.Srilatha	Introduction to Drones– An Eye Witness for Flying Devices to the New Destinations.	"The Art of Drone Technologies"	Wiley	International	2022	Accepted
2	Dr.Abdul Nabi	Chapter9: A Comprehensive Survey of Geographical Routing in Multi-Hop Wireless Networks	Cloud Computing Enabled Big-Data Analytics in Wireless Ad-Hoc Networks	CRC Press	International	2022	978-0-367-75442-6

National/International Books
Department of CSE
A.Y. 2021-22

S.No.	Name of the Author/s	Title of the paper	Publisher	National / International	Year of Publication	ISBN/ISSN number of the proceeding
1	K.Ramya Laxmi	Data Mining and Machine Learning Applications	Scrivener	International	2022	ISBN 978-1-119-79178-2
2	Dr.S.Venkata Achuta Rao Dr.Seelam Sai Satyanarayana Reddy	Object -Oriented Programming with C++	Lulu press	International	18 January,2022	ISBN:978-6781-8944-0
3	Dr.S.Venkata Achuta Rao	Playing Smart Artificial Intelligence	Notion	International	2022	ISBN: 9798885553940
4	Dr.Ashwani Kumar Dr.S. Sai Satyanarayana Reddy	handbook of digital watermarking with cloud computing capabilities	Scholars' Press	International	2022	9786138961543

UGC Journals

Department of CSE

A.Y. 2021-22(JANUARY-JUNE)

S.No.	Title of paper	Name of the author/s	Name of Journal	Year of Publication	ISSN
1	Analysis of Security Sytem for IOT Environment	Archana Pinnoji and P.VijayaLakshmi	International Journal of Creative Research Thoughts	Feb-22	2320-2882 V10,Issue2
2	Accuracy Driven Classification Model For Age Prediction	K.Ramya Laxmi	International Journal of Creative Research Thoughts	Feb-22	V10,Issue2
3	Uplifting the Farmer through Connected Ecosystems	Mr. M.Aananda Ranjith Kumar	YMER	Apr-22	0044-0477
4	Finding Data Deduplication Using Cloud	Mr. M.Aananda Ranjith Kumar	YMER	May-22	0044-0477

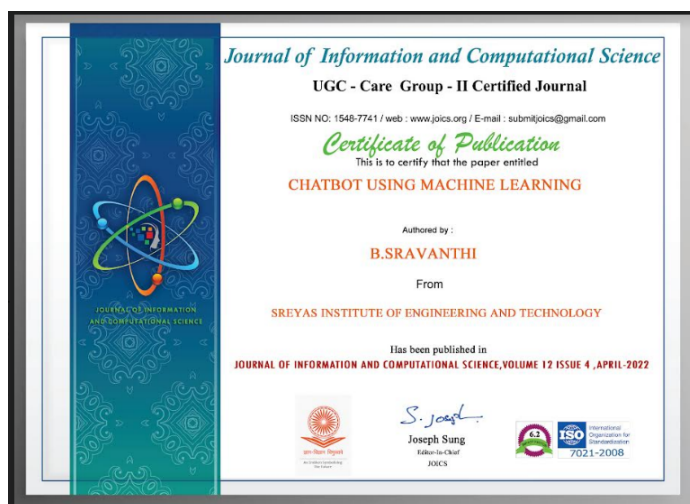
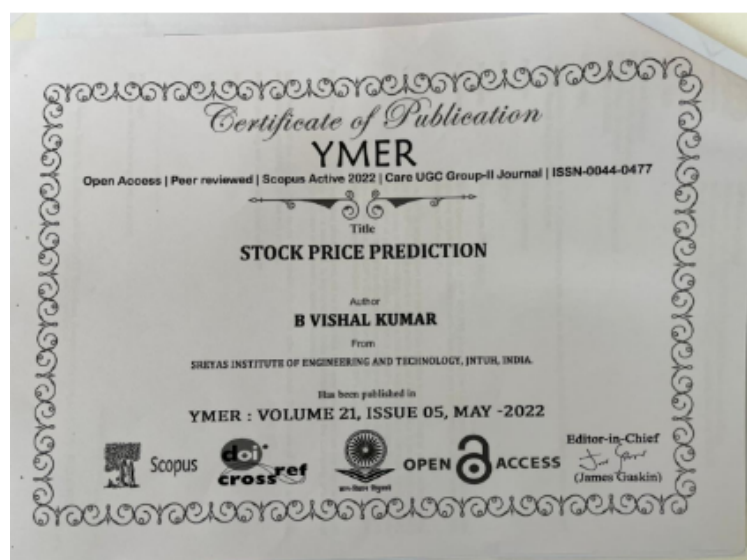
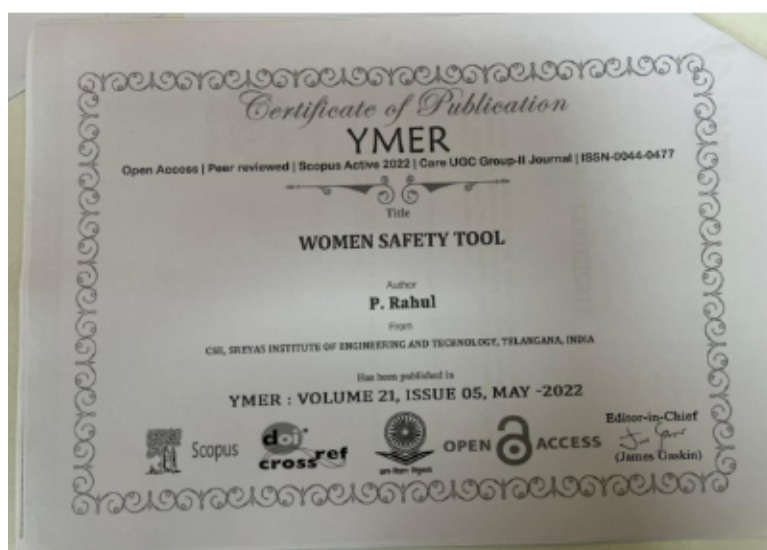
Scopus/SCI Journals						
Department of CSE						
A.Y. 2021-22						
S.No.	Title of paper	Name of the author/s	Name of Journal	Indexing	Year of Publication	ISBN/ISSN number
1	Smart Algorithms to Secure Web based Applications from SQL Injection Attacks	Joshi Padma N	Journal of Xidian University	Scopus	Feb-22	1001-2400
2	Surgical Striking SQL Injection Attacks Using LSTM	Joshi Padma N	Indian Journal of Computer Science and Engineering (IJCSE)	Scopus	Feb-22	0976-5166
3	A cloud-based buyer-seller watermarking protocol (CB-BSWP) using semi-trusted third party for copy deterrence and privacy preserving	Ashwani Kumar	Multimedia Tools and Applications	SCI	Mar-22	13807501
5	CoySvM-(GeD): Coyote Optimization-Based Support Vector Machine Classifier for Cancer Classification Using Gene Expression Data	S.Sai Satyanarayana Reddy Ashwani Kumar	Hindavi Journal of Sensors	SCI	May-22	1687-7268
6	Smart Healthcare: Disease Prediction Using the Cuckoo-Enabled Deep Classifier in IoT Framework	Ashwani Kumar, S.Sai Satyanarayana Reddy	Hindavi Scientific Programming	SCI	May-22	1875-919X
7	SmHeSol (IoT-BC): Smart Healthcare Solution for Future Development Using Speech Feature Extraction Integration Approach with IoT and Blockchain	Ashwani Kumar	Hindavi Journal of Sensors	SCI	May-22	1687-7268
8	Novel Techniques for Components Classification and Adaptation	V Bikksham	Journal of Theoretical and Applied Information Technology	Scopus	May-22	1992-8645

Department of CSE		
Paper Publication Index		
A.Y. 2021-22		
Sl. No.	Indexing	Total No. of Papers
1	SCI Journals	4
2	Scopus Journal	4
3	Scopus Indexed Conferences	21
4	Books	5
5	Book Chapters	2
6	UGC Journal	9

STUDENT PUBLICATIONS

THE LIST OF STUDENT PUBLICATIONS FOR THE ACADEMIC YEAR 2021-22

Academic Year	No.of Publications	No.of Students
2021-22	72	216



STUDENT PLACEMENTS

PLACEMENT DETAILS OF THE STUDENTS FOR THE YEAR 2021 - 2022			
S. No	Name of the Company	Number of students placed	CTC per annum
1	ADP	2	5,00,000.00
2	Broadridge Financial Solutions (India)	10	5,00,000.00
3	Capgemini	33	4,00,000.00
4	Coditas	2	6,00,000.00
5	CSS Corp	2	3,20,000.00
6	DBS	10	8,90,000.00
7	Dhruvsoft	4	3,20,000.00
8	Ennea Solutions	2	5,70,000.00
9	EPAM	4	6,00,000.00
10	Ernst & Young Global	4	4,50,000.00
11	FACE PREP	4	3,40,000.00
12	Harman Connected Services	6	5,50,000.00
13	Hexaware	21	3,50,000.00
14	HPC	3	5,00,000.00
15	Infosys	5	3,60,000.00
16	Infosys	1	6,25,000.00
17	Innovacx Tech Labs Pvt. Ltd	2	4,00,000.00
18	Intellect Design Arena	1	5,00,000.00
19	ITC Infotech	10	4,25,000.00
20	Mevant ic	1	3,80,000.00
21	Mindtree	7	4,50,000.00
22	Mphasis	95	4,00,000.00
23	NALSOFT	7	6,00,000.00
24	NNIT	19	5,00,000.00
25	Poornam	6	3,20,000.00
26	Popcorn Apps	5	2,40,000.00
27	Qspiders	11	3,50,000.00
28	Quest Global	4	3,60,000.00
29	Rakuten India Enterprise Pvt Ltd	1	12,00,000.00
30	Revature	1	6,00,000.00
31	Sasken	1	5,00,000.00
32	TCS	138	3,40,000.00
33	TCS digital	1	7,00,000.00
34	Tech Mahindra Limited	12	3,25,000.00
35	TuringMinds.Ai	4	6,20,000.00
36	Verzeo	19	3,00,000.00
37	Wilco Source	3	3,50,000.00
38	WinWire Technologies	2	4,20,000.00
39	Wipro - ELITE	82	3,40,000.00
40	Wipro -Velocity	16	6,50,000.00

EDITORS

Faculty Editors:

Dr.Venkata Achyutha Rao.S - Professor
V. Swathi- Associate Professor
K.Madhuravani- Assistant Professor

Student Editors:

MD.Fahad - IV Year,CSE 18VE1A05K3
B.Ramya - IV Year,CSE 18VE1A0566
Rishab Jain - III Year,CSE 19VE1A05D1
M.Sudheshna- III Year,CSE 19VE1A05F3
Nishnath Bharadwaj-II Year,CSE 20VE1A0557
A.Gouthami- II Year,CSE 20VE1A0502



SREYAS
INSTITUTE OF ENGINEERING & TECHNOLOGY

