



SVCE | Sri Venkateswara
College of
Engineering

SVCE IQAC
Consciousness for Quality

DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING



NEWSLETTER
AUGUST 2022
(VOL. 5, ISSUE 4)





CSE-BYTES



DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

CSE - BYTES

NEWSLETTER
ACADEMIC YEAR: 2022-2023
VOLUME 5, ISSUE 4
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ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 1985. Over the past few years, the department has acquired national and international importance. This has been achieved by the collective and responsive effort of the faculty, the supporting staff and the students. The department is well equipped with excellent computing facilities, and has highly qualified faculty specialized in areas like Cloud Computing, Artificial Intelligence, Machine Learning, Data Analytics, Cyber Security, Networking, Data Mining etc.

Programmes offered:

- B. E. Computer Science and Engineering
- B. Tech. Artificial Intelligence and Data Science
- M. E. Computer Science and Engineering
- Ph. D. Computer Science and Engineering

ABOUT THE DEPARTMENT

VISION

- To excel in providing education and research in the field of computer science and engineering in the cutting edge technology so as to produce competence professional at global level.

MISSION

- Competent and trained faculty enriching the aptitude of the student to generate innovative and effective problem solving skills with professionalism
- Providing strong research and state of the art facility to the students to face dynamic challenges of industry and society
- Educating the students to be successful, ethical and lifelong learners

MESSAGE FROM HOD**Dr. R. Anitha**

I would like to express my sincere appreciation for all the tremendous efforts put forth by the newsletter team in the month of August 2022. This Newsletter 'CSE - BYTES' is a forum to expose the events, happenings, and achievements in the department as well as provide a platform to exhibit the talents of the budding engineers and the faculty as well.

This newsletter will definitely create an impact in the minds of readers by providing a wider visibility and new dimension to the learning community. I hope that this culture of releasing newsletter will continue forever with the support from both the students and the faculty.

Student Achievements

STUDENT ACHIEVEMENTS

TECHNICAL EVENTS

Mr. B. Prathosh, Mr. M. Maanesh, Mr. Pradhesh Kumar and Mr. H M. Mohammed Nooh of III year CS, have won the 4th place in National Level iTech Hackfest 2022 organized by PSG institute of technology and applied research in collaboration with SAP and Kaar technologies. It's proud that out of 120 teams participated in a 48 hours hackathon our students were among the Top 5 teams and were nominated for the Internship offered by SAP.

STUDENT ACHIEVEMENTS

GLIMPSES OF HACKATHON



NATIONAL LEVEL ITECH HACKFEST '22 STUDENT'S AWARDS & CERTIFICATES

STUDENT ACHIEVEMENTS

TECHNICAL EVENTS

Mr. P. R. Venkat, Mr. K. Srirangan, Mr. V.A. Siddeshwar and Mr. T. Vishnuvasan, III year AD program of the CSE department and Mr. D. Bennett Joseph from IV year AE department have won the 2nd prize and bagged a total prize amount of Rs.75,000 in iTech Hackfest 2022. A National Level Hackathon conducted by PSG Institute of Technology and Applied Research in collaboration with SAP and Kaar Technologies from 25.08.2022 to 27.08.2022.



HACKATHON'22 STUDENT'S AWARDS & CERTIFICATES

STUDENT ACHIEVEMENTS**TECHNICAL EVENTS**

Mr. S. Nikhilesh (Team Lead), **Mr. R. Naveen Sriram**, **Mr. M.U. Poujhit**, **Mr. E. Rakesh**, **Ms. V. Sandhya**, **IV/CS** mentored by **Mrs. G. Janakasudha**, **AP/CSE**, (**HEXABYTE**) has won the First place with a cash prize of Rs. 1,00,000 in the 36 hour Smart India Hackathon 2022, two Days Online National Workshop on Edge Computing and its Applications for the problem titled “Digital solution for reducing food waste sent to landfills” given by International Council for Circular Economy (ICCE) under the domain Clean and Green Technology, conducted by AICTE at the nodal centre National Institute of Technology, Silchar, Assam from 25th to 26th August 2022.

STUDENT ACHIEVEMENTS

TECHNICAL EVENTS

Team Meraki, **Mr. B. Kumaresh**, IV/CS mentored by **Dr. B Praveen Kumar**, Associate Professor/CS has received internship offers for their technical excellence in the 36 hour Smart India Hackathon 2022 for the problem titled "Making career choice and AI-based counseling accessible secondary level along with aptitude tests and detailed career paths", given by the Department of School Education & Literacy (DoSEL), Ministry of Education under the domain Miscellaneous - Software Category, conducted by AICTE at the nodal center JSS TECHNOLOGICAL UNIVERSITY, Mysore, Karnataka from 25th to 26th August 2022.

STUDENT ACHIEVEMENTS

TECHNICAL EVENTS

Team Blitzkrieg comprising of **Mr. M. Ritunjay** (Team Lead), **Mr. R. Praveen Raagul**, **Mr. M. Sankaranarayanan**, **Mr. S. Tarun**, **Ms. Shivane Ramesh**, **Mr. Koushik Cherukuri** mentored by **Mr. K. Srinivasan**, AP/CS has participated in 36 hour Smart India Hackathon 2022 for the problem titled “FORECASTING NATURAL GAS INTERNATIONAL PRICES USING ADVANCED TIME-SERIES TECHNIQUES” under the domain Gas Authority of India Ltd (GAIL) at the nodal center Noida Institute of Engineering and Technology, Greater Noida, from 25th to 26th August 2022.

Placement Activities

PLACEMENT ACTIVITIES

PLACEMENT TRAINING

OBJECTIVE:

- To create awareness about "career planning" and "career mapping" among the students.
- To train the students on "Technical skills".

OUTCOMES:

The students will be able to

- gain good technical skills
- face the interview confidently
- start their career in leading companies

TRAINING PROVIDED BY: "CSE Faculty"

PARTICIPANTS: Third year students of CS and AD

DATE: 01.08.2022 to 31.08.2022

PLACEMENT ACTIVITIES

Webinar

Placement Cell organised a Webinar on Topic : "How to tell a story with data and analytics" by Crion Technologies an IIT Madras Incubated Company at IITM Research Park on 6th August 2022.



LIVE WEBINAR

How to tell a story with Data and Analytics

Chaitanya GVM
Product Consultant - NEXT, Ex-Amazon.

- What is data analytics?
- Analytics in everyday life.
- How do large organizations use data to tell compelling stories and make decisions
- Understanding the use cases of analytics
- Analytics vs Data science vs Data Engineering
- Self learning material and DIY projects

6th Aug 11:00 AM REGISTER NOW SCAN ME

For Support - +91-9150914449

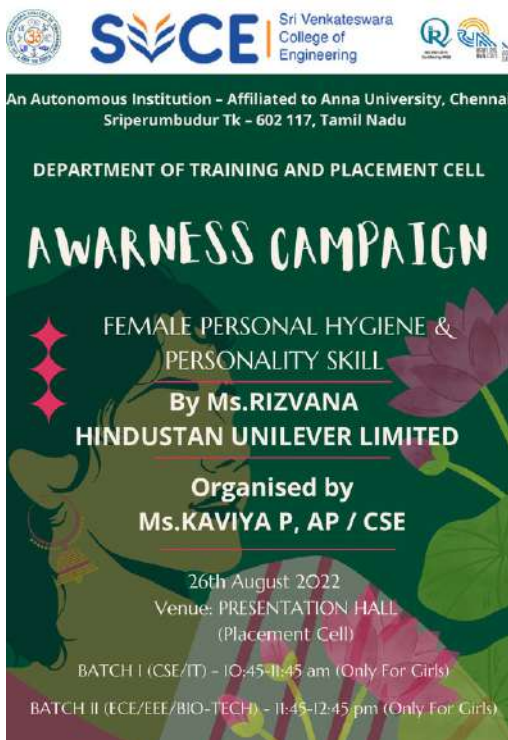
Speaker : **Mr. Chaitanya GVM**


Designation : Product Consultant - NEXT, Ex-Amazon

Description about the Webinar : What is data analytics, Analytics in everyday life, how do large organisations use data to tell compelling stories and make decisions, understanding the use cases of analytics, Analytics vs Data science vs Data Engineering, career in analytics, self learning material and DIY projects.

PLACEMENT ACTIVITIES

Awareness campaign




SVCE Sri Venkateswara College of Engineering
 An Autonomous Institution - Affiliated to Anna University, Chennai
 Sriperumbudur Tk - 602 117, Tamil Nadu
 DEPARTMENT OF TRAINING AND PLACEMENT CELL
AWARNESS CAMPAIGN
 FEMALE PERSONAL HYGIENE & PERSONALITY SKILL
 By Ms. RIZVANA
 HINDUSTAN UNILEVER LIMITED
 Organised by
 Ms. KAVIYA P, AP / CSE
 26th August 2022
 Venue: PRESENTATION HALL (Placement Cell)
 BATCH I (CSE/IT) - 10:45-11:45 am (Only For Girls)
 BATCH II (ECE/EEE/BIO-TECH) - 11:45-12:45 pm (Only For Girls)

Ms. P. Kaviya, AP/CSE, in association with the placement cell organized an awareness campaign on “FEMALE PERSONAL HYGIENE & PERSONALITY SKILL”, on 26/08/2022.

Speaker : Ms. Rizwana,
Procampus & hindustan Unilever team

Internship

Ms. Neha Bhende, has completed in a 6-week Training cum Internship in “Security Intelligence” conducted by AllSoft Solutions, India from 19th July 2022 to 27th August 2022.



Faculty Interactions & Achievements

FACULTY INTERACTIONS**EVENTS ORGANIZED**

Ms. P. Kaviya, AP/CSE, in association with the placement cell organized an awareness campaign on “FEMALE PERSONAL HYGIENE & PERSONALITY SKILL”, on 26/08/2022.

Objective:

- The primary aims of hygiene education is to improve behavior through useful practices connected to personal, water, food, domestic and public hygiene.

Outcomes:

After the completion of a awareness campaign, the participants understood:

- Keeping the body clean has positive effects on a person’s social life and their physical and mental health.
- Personal hygiene is simply looking after the body and keeping it clean and healthy.
- Developing and maintaining a personal hygiene routine is key to having a healthy body and mind.

Participants count: 250 (Girl Students from various department)

Speaker: Ms. Rizwana from procampus & hindustan Unilever team .

FACULTY INTERACTIONS

Events Attended

Dr. N. Rajganesh, Associate Professor/CSE, has attended a one day workshop on “INTELLECTUAL PROPERTY RIGHTS (IPR) & PATENTS AND DESIGN FILING”, organized by the IPR Cell of Dayananda Sagar Academy of Technology and Management, In Association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM) Government of India, Nagpur (Under National Intellectual Property Awareness Mission) on 17.08.2022.

Dr. P. Geetha, AP/CSE, attended One Week National Level FDP on “Amazon Web Services”, held from 22/08/2022 to 27/08/2022, VIT Chennai and Brainovision, Chennai.

Ms. R. Kapilvani, AP/CSE, attended One Week National Level FDP on “Amazon Web Services”, held from 22/08/2022 to 27/08/2022, VIT Chennai and Brainovision, Chennai.

Ms. V. Radha, AP/CSE, attended Online Workshop on “Design and Modeling of IoT, AI and ML systems” from 01/08/2022 to 05/08/2022 organized by the Aicte Atal Academy, Arm Education and STMICROELECTRONICS.

Mr. P. Selvamani, AP/CSE, has attended a two days National workshop on Edge computing and its application organized by SSN College of Engineering during 26th and 27th August 2022 in association with Siemens India Pvt. Ltd.

FACULTY INTERACTIONS**Events Attended**

Ms. D. Sasikala, AP/CSE, has attended a two days National workshop on Edge computing and its application organized by SSN College of Engineering during 26th and 27th August 2022 in association with Siemens India Pvt. Ltd.

Ms. S. Senthamizhselvi, AP/CSE, has attended a two days National workshop on Edge computing and its application organized by SSN College of Engineering during 26th and 27th August 2022 in association with Siemens India Pvt. Ltd.

Mr. P. Selvamani, AP/CSE, has attended “One week FDP on Ethical Hacking” conducted by VNR Vignana Jyothi Institute of Engineering and Technology from 08th August 2022 to 13th August 2022.

Mr. M. Lakshmanan, AP/CSE, has attended “One week FDP on Ethical Hacking” conducted by VNR Vignana Jyothi Institute of Engineering and Technology from 08th August 2022 to 13th August 2022.

Mr. M. Suresh Kumar, AP/CSE, has attended “One week FDP on Ethical Hacking” conducted by VNR Vignana Jyothi Institute of Engineering and Technology from 08th August 2022 to 13th August 2022.

Mr. R. Senthil Kumar, AP/CSE, has attended 5 Days FDP on Power BI Data Analyst Associate conducted by ICT Academy from 30/08/2022 to 05/09/2022.

Ms. P. Kaviya, AP/CSE, has attended 5 Days FDP on Power BI Data Analyst Associate conducted by ICT Academy from 30/08/2022 to 05/09/2022.

FACULTY ACHIEVEMENTS

Ms. V. Radha, AP/CSE, completed an AICTE NITTT course on Module 2- Professional Ethics and Sustainability from July-August 2022.

Ms. V. Radha, AP/CSE, completed an AICTE NITTT course on Module 3- Communication skills, modes and knowledge dissemination from July-August 2022.

Dr. P. Vinothiyalakshmi, Associate Professor/CSE, received the recognized Research Supervisor status from Anna University.

Ms. D. Vinodha, AP/CS successfully defended her public viva voce for the thesis titled, "Novel Secure Data Aggregation Schemes for Wireless Sensor Networks" and was awarded Doctoral degree on 12.08.2022.

Ms. G. Janakasudha, AP/CSE mentored Team Hexabyte has won the First place with a cash prize of Rs. 1,00,000 in the 36 hour Smart India Hackathon 2022 for the problem titled "Digital solution for reducing food waste sent to landfills" given by International Council for Circular Economy (ICCE) under the domain Clean and Green Technology, conducted by AICTE at the nodal center National Institute of Technology, Silchar, Assam from 25th to 26th August 2022.

FACULTY ACHIEVEMENTS

Dr. B Praveen Kumar, Associate Professor/CSE mentored Mr. B. Kumaresh, IV CS has received internship offers for their technical excellence in the 36 hour Smart India Hackathon 2022 for the problem titled "Making career choice and AI-based counseling accessible secondary level along with aptitude tests and detailed career paths", given by the Department of School Education & Literacy (DoSEL), Ministry of Education under the domain Miscellaneous - Software Category, conducted by AICTE at the nodal center JSS TECHNOLOGICAL UNIVERSITY, Mysore, Karnataka from 25th to 26th August 2022.

RESEARCH ACTIVITIES

RESEARCH ACTIVITIES

RESEARCH SUPERVISORS



DR. R. ANITHA, PROF. & HOD - CSE



DR. M. GNANASEKAR, PROF. - CSE



DR. N. RAJGANESH, ASSOC. PROF. - CSE



DR. P. VINO THIYALAKSHMI, ASSOC. PROF. - CSE



RESEARCH ACTIVITIES

RESEARCH PUBLICATIONS

Dr. P. Geetha, AP/CSE, Dr. Dipesh M Patel, Dr. Mukesh Kumar, Mr. Vimal Kumar Singh, Dr. Ghayathri, Prof. Ramesh Chandra Panda and Dr. P. Karthigeyan, granted a Design patent titled “Hydroponic Plant Stand”, on 19/8/2022.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWSLETTER

EDITORIAL TEAM

Dr. N. RAJGANESH, Assoc. Prof/CSE

Dr. S. D. NANDAKUMAR, AP/CSE

Ms. R. POORNI, AP/CSE

Ms. P. KAVIYA, AP/CSE