DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING

Cse Bytes

NEWSLETTER
JULY 2023
(VOL. 6, ISSUE 7)

ACCREDITED WITH GRADE
A+
NAAC

CSE-BYTES

SVCE

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

CSE - BYTES

NEWSLETTER
ACADEMIC YEAR: 2022-2023
VOLUME 6, ISSUE 7
(JULY 2023)

Contents

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

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

- Providing competent and trained faculty members to enrich 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.

B.E - Computer Science and Engineering

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

- Create value to organizations as an employee at various levels, by improving the systems and the processes using appropriate methods and tools learnt from the programmme.
- Run an organization successfully with good social responsibility as an entrepreneur, making use of the knowledge and skills acquired from the programme.
- Contribute to the future by fostering research in the chosen area as an erudite scholar, based on the motivation derived from the programme.

PROGRAMME SPECIFIC OUTCOMES (PSOS)

- Ability to adapt to a rapidly changing environment by learning and employing new programming skills and technologies.
- Ability to use diverse knowledge across the domains with inter-personnel skills to deliver the Industry need.

PROGRAM OUTCOMES (POS)

- **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

- **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

- **Design / Development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, andsynthesis of the information to provide valid conclusions.

- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

- **Individual and team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend andwrite effective reports and design documentation, make effective presentations, and give and receive clear instructions.

- **Project management and finance:** Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

- **Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

B.Tech - Artificial Intelligence and Data Science

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

Artificial Intelligence and Data Science program will prepare its graduates:

- To solve real-world issues by developing intelligent computing systems to meet the emerging technology challenges in the industries.
- To apply professional and interpersonal skills through lifelong learning such as advanced degrees and research.
- To participate in collaborative learning and become successful entrepreneurs by ensuring ethical and moral values.

PROGRAMME SPECIFIC OUTCOMES (PSOS)

- Apply the engineering concepts and evolve Artificial Intelligence-based models to solve real-world problems in various domains and deliver solutions with innovative ideas.
- Apply the concepts and algorithms of various learning models for deep analysis of data to provide high-end business decisions for advancement in the data science fields.

PROGRAM OUTCOMES (POS)

Engineering Graduates will be able to:

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

- **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of theinformation to provide valid conclusions.

- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

M.E - Computer Science and Engineering

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

Computer Science and Engineering program will prepare its learners:

- To understand the foundational and advanced concepts in Computer Science and Engineering to excel in research by adapting to the rapid advances in new emerging technologies
- To critically analyze the emerging trends and technologies and future issues at multiple levels and propose research oriented solutions
- To effectively communicate technical information, function effectively on teams
- To provide innovative solutions to real-world problems of society by following ethical practices
- To pursue lifelong multidisciplinary learning as professional engineers and scientists

PROGRAMME SPECIFIC OUTCOMES (PSOS)

- Graduates will gain advance-level competency and skills in core and emerging technologies of Computer Science and Engineering.
- Graduates will develop viable solutions to real-world problems through continuous learning and research skills

PROGRAM OUTCOMES (POS)

- An ability to independently carry out research / investigations, identify problems and develop solutions to solve practical problems.

- An ability to write and present a substantial technical report/document.

- Students should be able to demonstrate a degree of mastery in the field of Computer Science and Engineering

- Use research based knowledge, methods,appropriate techniques, resources and tools to solve complex engineering issues with an understanding of the limitations.

- An ability to function effectively by applying technical knowledge, ethical practices as an individual and a team member in the career.

- Recognize the need for independent, life-long learning and engage in the broadest context of technological change.

MESSAGE FROM HOD

Dr. R. Anitha

Professor / CSE

    I would like to express my sincere appreciation for all the tremendous efforts put forth by the newsletter team in the month of July 2023. 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

Mr. Mohammed Nooh, IV/CS, had successfully completed his Internship received through SVCE Placements at Zoho & Prudent AI during March 2023-June 2023 & Jan 2023-July 2023.

Zoho Internship Certification

STUDENT ACHIEVEMENTS

Ms. K. Lakshmi Sruthi, IV/CS, had successfully completed her Internship received through SVCE Placements at Zoho & Prudent AI during March 2023-June 2023 & Jan 2023-July 2023.

Zoho Internship Certification

STUDENT ACHIEVEMENTS

Ms. M. Sanjana, III/AD, received Internship in Pantech Solutions Artificial Intelligence for the duration of 30 days.

Mr. Subham Sinha, III/AD, received Internship in Suggest Info Pvt Ltd, as a Front-End Developer for the duration of 14 days.

Mr. Suram Yashwanth, III/AD, received Internship in Pantech Solutions Artificial Intelligence for the duration of 30 days.

Mr. S. Akash, III/AD, has successfully completed 15 daysVirtual Internship Program on "Robotics" conducted by Kodacy in association with Scientific Platforms and Cosmic Explorations (SPACE) in July 2023.

Mr. S. Akash, III/AD, has successfully completed a certificate on Data Visualisation: Empowering Business with Effective Insights by TATA Forage in July 2023.

Mr. K. Guru murthy, III/AD, has Successfully completed a certificate course on Data Analytics in July 1st, 2023.

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Mr. Allen Manoj, Ms. Janani Karthikeyan, Mr. Ritunjay Murali, IV/CS, has presented a paper entitled "A Deep Learning Framework for Multiclass Categorization of Pulmonary Diseases" in IEEE World Conference on Communication & Computing (IEEE-WCONF) during 14th to 16th July 2023.

Certificate of Appreciation
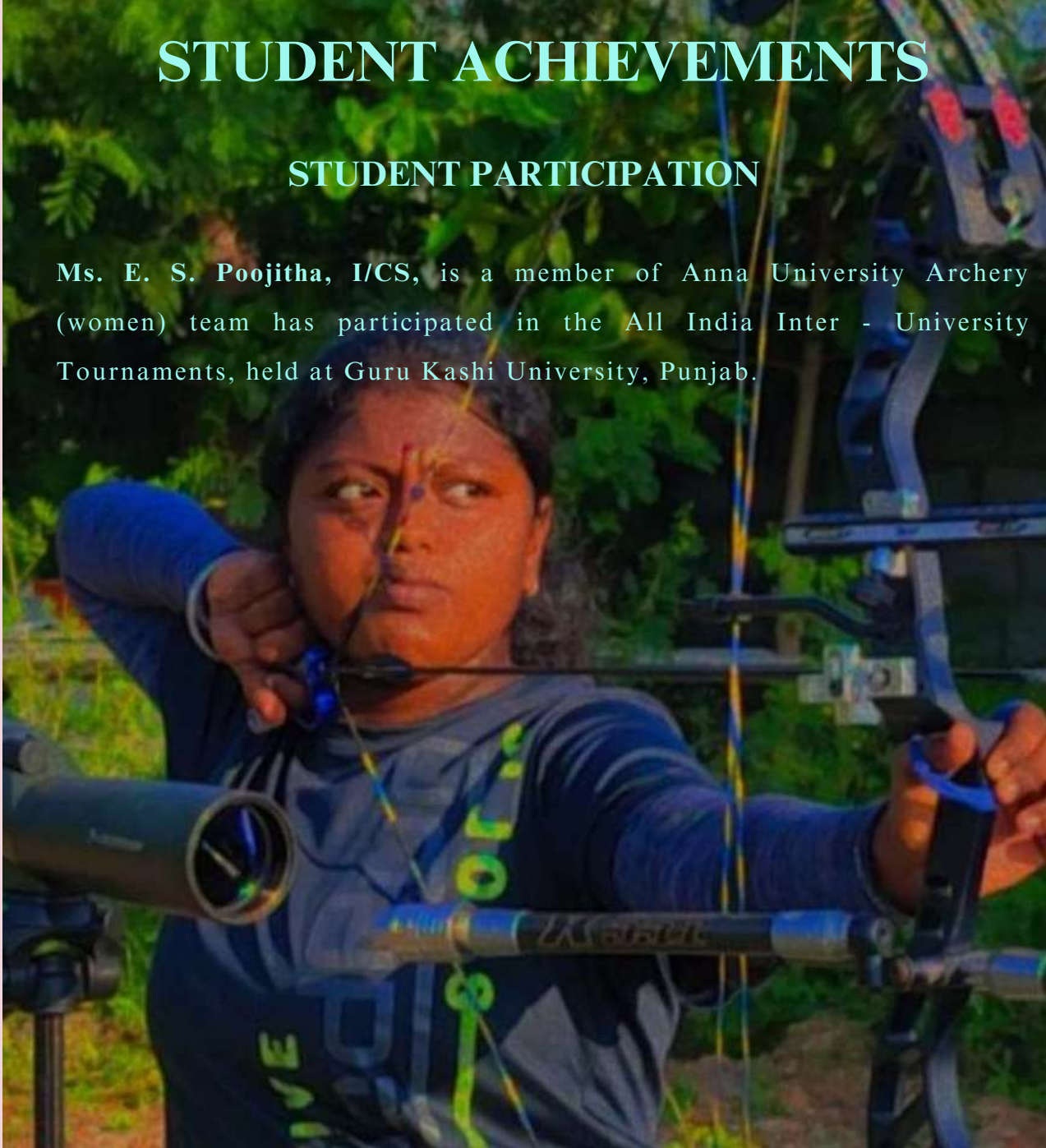
STUDENT ACHIEVEMENTS

Mr. S, Pradeep, Mr. M. Kishore, Ms. G. Oviya, Ms. S. Poorani, Ms. R. Anitha, IV/CS, presented a paper titled "XGBoost based Prediction and Evaluation model for Enchanting Subscribers in Industrial sector" published as a Part of the Lecture Notes in Networks and Systems book series (LNNS,volume 664), on 02-July 2023.

Ms. S. Saineha, Ms. M. Madhumithaa and Ms. A. Roshini, published a paper titled "WSA: A Navigation App For Women Safety" in NOVYI MIR Research Journal 8 (7), 185-195, Under the guidance of **Dr. R. Jayabhaduri, Prof. /CSE,** July 2023.

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Ms. E. S. Poojitha, I/CS, is a member of Anna University Archery (women) team has participated in the All India Inter - University Tournaments, held at Guru Kashi University, Punjab.

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Form III is issued to Meritorious Sports Persons for Employment.

FORM - III

(For representing University in anyone of the recognized Games / Sports)

Certificate No.						Aadhar Card No.	Game
2	2	0	0	3	4	9194 6859 5705	ARCHERY (W)

Certificate Issued to Meritorious Sports Persons for Employment

Certified that Mr. / Miss .... POOJITHA E S ....

Roll No. .... Son / Daughter of .... ELUMALAI P & SUMATHI E ....

Year & Branch of Study .... I – BE (CSE) .... College .... Sri Venkateswara College of Engineering, Sriperumbudur

College Code .... 2127 .... was a Member of Anna University .... Archery ....

(Men / Women) .... Team and Participated in South Zone / All India Inter - University Tournaments,

held at .... Guru Kashi University, Punjab .... during the period .... 23.12.2022 to 28.12.2022

Position obtained in the above Tournaments : .... NIL ....

The Certificate is being given on the basis of records available in the office of Anna University Sports Board, Anna University, Chennai - 600 025.

Place : Chennai - 600 025   Signature :

Date : ....   Name :

Name of the University : Anna University, Chennai   Designation & Seal :   Dr. S. BALAGANESH
Secretary
Anna University Sports Board
Anna University, Chennai - 600 025, India.

Office Seal :

Certificate of Appreciation (Received on July 2023)

Placement Activities

CSE-BYTES

SVCE

ACADEMIC YEAR

2022–2023

PLACEMENT EVENTS

CAMPUS PLACEMENT TRAINING (2022-2023)

The Training and Placement Cell (TPC) plays a vital role in the career development of students in educational institutions. It serves as a bridge between the students and the industries, facilitating the recruitment process and helping students acquire the necessary skills and knowledge to succeed in their careers. The Department of Training and Placements conducts several Technical Training programmes to our students to develop their technical knowledge and soft skills in the areas of Aptitude, Logical Reasoning, Quantitative Reasoning and Verbal through the qualified and reputed faculty members. Training and Placement Cell organizes the Mock Interview for Pre Final year students by HR Managers from different industries.

PLACEMENT EVENTS

Intern Offered Students 2023-2024

S. No	Reg. No	Student Name	Intern Company Name
1	2127200501131	Mr. SHAHID AHMED M S	Facilio Technologies
2	2127200501076	Mr. KOLLA MOHAN RAO	Flixjini
3	2127200502032	Mr. PRANAV VIGNESH A	Flixjini
4	2127200501074	Ms. KEERTHANA S K	GUVI
5	2127200501145	Ms. SOWNDARYA B	KLA Technologies
6	2127200501078	Mr. LAKSHMI NARAYANAN S	KriyaDocs-Intern

PLACEMENT EVENTS

Intern Offered Students 2023-2024

S. No	Reg. No	Student Name	Intern Company Name
7	2127200501099	Ms. NITYA SAMAVEDAM	Mad Street Den
8	2127200501141	Mr. SIBI MUGHIL T	Prident.AI
9	2127200501079	Ms. LAKSHMI SRUTHI K	Prudent.AI
10	2127200501036	Ms. DEEPIKA G	Rapid Acceleration Partners
11	2127200501092	Mr. MOHAMED NOOH H M	Rapid Acceleration Partners
12	2127200502309	Mr. VENKAT P R	Rapid Acceleration Partners
13	2127200501151	Ms. SWETHA A	Sahaj.AI
14	2127200501069	Mr. KARTHIK R	TestSigma

PLACEMENT EVENTS

Placed Students 2023-2024

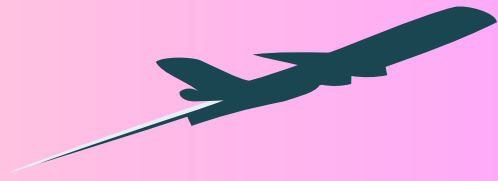| S. No	Reg. No	Student Name	Placed Company
1	2127200501117	Mr. ROSHAN R	EmbedUR Systems
2	2127200501124	Mr. SANJAY R	EmbedUR Systems
3	2127200501169	Mr. VIVEK MUNNAA D	EmbedUR Systems
4	2127200501131	Mr. SHAHID AHMED M S	Facilio Technologies
5	2127200501145	Ms. SOWNDARYA B	KLA Technologies
6	2127200502008	Ms. DEEPIKA M	Mad Street Den
7	2127200502027	Mr. NIYAS HAMEED R F	Mad Street Den

PLACEMENT EVENTS

Placed Students 2023-2024

S. No	Reg. No	Student Name	Placed Company
8	2127200501047	Mr. HAKASH M P	Mad Street Den
9	2127200501062	Mr. JASWANTH SINGH R	Mad Street Den
10	2127200502015	Ms. JANANI V	Mad Street Den
11	2127200502021	Ms. MEENAKSHI R	Mad Street Den
12	2127200501151	Mr. SWETHA A	Sahaj.AI
13	2127200501069	Mr. KARTHIK R	Tejas Networks

PLACEMENT EVENTS

EmbedUR Systems

Sahaj AI

Kanchipuram, Tamil Nadu, India
XXPC+WQF, Kanchipuram, Tamil Nadu 602105, India
Lat 12.987021°
Long 79.971701°

MAD STREET DEN

Placed Students

PLACEMENT EVENTS

Mock Placement Drive

The Math Company, a leading data analytics and technology firm, organized a comprehensive mock placement program for final-year students from various academic disciplines. The purpose of the mock placement was to prepare our students for the demanding recruitment process they would face when applying for jobs in the tech industry. The mock placement was designed to simulate the actual interview and selection process employed by top-tier companies in the technology sector. The students were put through a series of rigorous assessments, including technical aptitude tests, coding challenges, and problem-solving exercises related to data analysis, statistics, and programming. During the mock interviews, industry professionals and recruiters from The Math Company played the role of interviewers, providing valuable feedback and guidance to each student on their performance. This constructive feedback aimed to help students identify their strengths and weaknesses and enhance their interview skills, presentation, and communication abilities.

PLACEMENT EVENTS

Mock Placement Drive

A mock interview helps the students to learn how to answer difficult questions, develop interview strategies, improve their communication skills, and reduce the stress before an actual job interview. Such interviews are conducted in regular intervals for the benefit of students to get the taste of the entire placement process during the Campus Placements. Industry HRs attend the process to help the students in gauging their Aptitude, Technical and other skills and give them their valuable suggestions.

TheMathCompany

Mock Placement held on July 07, 2023

PLACEMENT EVENTS

Faculty Development Program

The Faculty Development programs encourage faculty members to gain knowledge on the subject areas and provide innovative approaches to develop the teaching - learning process.

Faculty Interaction Program for Worldline's Innovative Training Model and Assessments:

The discussion on the Worldline Training Model and Assessments for students provided valuable insights into the innovative approach used by Worldline, a prominent global technology leader, to train and assess students. The training model is designed to equip students with the necessary skills and knowledge required to succeed in the fast-paced and competitive world of technology. This faculty development programme was attended by Prof. S. Muraleedharan, **Mr. M. Sureshkumar, Assoc. Prof./CSE, Dr. T. Rajasekaran, Assoc. Prof./CSE, and Mr. G. Ilamurugan, AP/CSE.**

PLACEMENT EVENTS

Faculty Development Program

Mr. S. Muraleedharan, Prof/CPO, Mr. M. Sureshkumar, Assoc. Prof./CSE, Dr. T. Rajasekaran, Assoc. Prof./CSE, and Mr. G. Ilamurugan, AP/CSE, attended faculty interaction at worldline held on 18.7.23.

Faculty Interaction @ Worldline held on 18-7-2023

PLACEMENT EVENTS

Tech talk

Training and Placement Cell organized a technical session conducted by SHL Technology on 26th July 2023. SHL Technology, a renowned IT solutions company, conducted an enriching training program for final-year students, imparting valuable insights and practical knowledge to bridge the gap between academia and industry. The comprehensive training covered cutting-edge technologies, software development methodologies, and industry trends, preparing students for the challenges of the tech world. Through hands-on projects, students gained real-world experience and honed their problem-solving skills. Moreover, the program focused on fostering effective communication, teamwork, and leadership abilities to enhance students' professional competence. SHL Technology's training empowered the students to be job-ready and equipped them to embark on successful careers, leaving a lasting impact on their professional journey.

Glimpses of Tech talk

PLACEMENT EVENTS

G- Cell (Global Education Cell)

The Global Education Cell at plays a vital role in guiding and supporting students towards their academic and career aspirations. Committed to excellence, the cell provides personalized counseling and advice to students seeking higher education opportunities. Through regular seminars, workshops, and interactive sessions, students gain insights into various fields of study and the latest trends in the job market. The cell also facilitates connections with reputed universities and industries, promoting internships, research collaborations, and placements. With a dedicated team of experienced faculty and professionals, the Global Education Cell empowers students to make informed decisions and pursue their dreams of a successful and fulfilling future.

Glimpses of G- Cell (Global Education Cell)
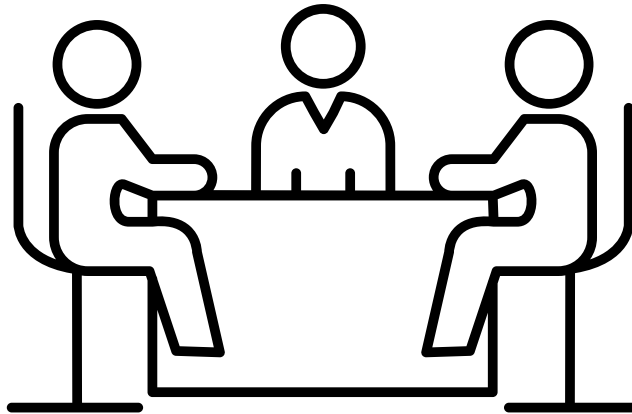
PLACEMENT EVENTS

Soft Skills Training

The college is organizing a soft skills (employability) program from 31st July to 5th August 2023 (36 Hours) conducted by **M/S. Springboards** to enhance students' aptitude, verbal, and logical reasoning skills. The objective is to improve their chances of clearing the aptitude test during their placements.

Glimpses of Soft Skills Training

Faculty Interactions & Achievements

FACULTY INTERACTIONS

Events Attended

·**Dr. R. Anitha, Prof/CSE,** attended a training programme on Innovation Ambassador (IA) training 'Foundation Level' for 30 contact hours by MoE's Innovation Cell& AICTE 0n 13th July 2023.

Certificate of Appreciation
MoE's Innovation Cell & AICTE

FACULTY INTERACTIONS

Events Participated

Dr. R. Anitha, Prof. & HoD/CSE, Dr. S. Rajalakshmi, Asso. Prof/CSE, Ms. J. Buvana, AP/CSE, has collaborated with VyVoxel, an AR VR company on to offer a course Augmented and Virtual Reality Programming. An MoU is exchanged between SVCE and VyVoxel, India Private Limited, a part of Vy Systems, Chennai on 10.07.2023 As a part of this MOU a special elective course titled "Augmented and Virtual Reality Programming" will be started in the month of August 2023.

Glimpse of "MOU was signed between SVCE and VyVoxel India Private Ltd"

FACULTY ACHIEVEMENTS

Dr. R. Anitha, Prof/CSE, has acted as a BoS member in the Board of studies meeting conducted at Panimalar Engineering College on 24th July 2023.

Dr. R. Anitha, Prof/CSE, Dr. T. Rajasekaran Asso. Prof/CSE and Mr. Ilamurugan AP/CSE, has coordinated and conducted the Industry Interaction under Industry Institute Interaction Cell on 21.07.2023

Dr. R. Anitha, Prof/CSE, has received an appreciation from SVCE for successfully completing the project sponsored by DST SERB Amount Sanctioned 20,97,660/-

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Certificate of Appreciation

FACULTY ACHIEVEMENTS

External Academic and Administrative Audit

External Academic and Administrative Audit (EAAA) was conducted in the department of Computer Science and Engineering on 11-07-2023 by 10.00 AM. Dr. Khanna Nehemiah, Professor, CEG, Anna University was appointed as an auditor to audit all the activities pertaining to academics and administration of the department.

Presentation by HoD and Discussion with Professors

FACULTY ACHIEVEMENTS

Events Attended

Dr. N. Rajganesh, Assoc. Prof. /CSE, has participated in five days online Faculty Development Programme on "Artificial Intelligence and Machine Learning" organized by Department of Electrical and Communication Engineering, Dhanalakshmi College of Engineering from 17.07.23 to 21.07.23.

Certificate of Appreciation

FACULTY ACHIEVEMENTS

Events Attended

Dr. S. Rajalakshmi, Asso. Prof/CSE, attended a "Start-up Awareness Program", Organized by SVCE-EPIC, SVCE on 25.7.2023.

Dr. T. Padmavathy, Assoc. Prof. /CSE, has successfully completed Create audio transcripts with Amazon Transcribe a online non-credit project authorized by Coursera Project network and offered through Coursera on 23.07.2023.

Certificate of Appreciation

FACULTY INTERACTIONS

Events Attended

Mr. V. Krishnamoorthy, AP/CSE, attended an online FDP programme on "Emerging Recent Trends and Research in Computer Science" organized by Panimalar Engineering College, Chennai during the period 17-07-2023 to 21-07-2023.

Dr. S. D. Nandakumar, AP/CSE, attended one day workshop on "Awareness on Regulation 2022", organized by SVCE on 25.07.2023

Ms. M. Shanthalakshmi, AP/CSE, attended faculty development program on " CURRENT AND FUTURE TRENDS:A DIGITAL ERA", organized by Department of AIDS, Kings Engineering College during the period 26.07.2023 to 28.07.2023.

RESEARCH ACTIVITES

RESEARCH ACTIVITIES

RESEARCH SUPERVISORS

Dr. R. Anitha, Prof. & HOD - CSE

Area of Interest: Cloud Computing, Data Mining, Large Scale Database, Data Structures and Algorithms & Big Data Analytics.

❖

Dr. J. M. Gnanasekar, Prof. - CSE

Area of Interest: Web Technology, Cloud Computing, Service Oriented Computing.

❖

Dr. N. M. Balamurugan, Professor - CSE

Area of Interest: Artificial Intelligence, Machine Learning, Intelligent Networks, Internet-of-Things.

❖

RESEARCH ACTIVITIES

RESEARCH SUPERVISORS

Dr. N. Rajganesh, Associate Professor - CSE

Area of Interest: Artificial Intelligence, Machine Learning, Cloud Computing, SOA.

Dr. P. Vinothiyalakshmi, Associate Professor - CSE

Area of Interest: Cloud Computing, Internet of Things (IoT), Machine Learning, Data Structures, OOPS, Operating System, Computer Networks, Data Mining.

Dr. M. S. Girija, Assistant Professor - CSE

Area of Interest: Wireless Sensor Networks, Artificial Intelligence and Machine Learning, Data Science and Analytics, Natural Language Processing

RESEARCH ACTIVITIES

REVIEWER CONTRIBUTIONS

Dr. R. Anitha, Prof. & HoD/CSE, has acted as a DC Member for the research scholar Mr. Thanigesan registered under **Dr. P. Vinothiyalakshmi, Assoc. Prof. /CSE,** on 24.07.2023.

Dr. J. M. Gnanasekar, Prof. /CSE, acted as reviewer in Imaging Science Journal.

Dr. N. Rajganesh, Assoc. Prof. /CSE, acted as reviewer in Wireless Personal Communications, Springer.

Dr. N. Rajganesh, Assoc. Prof. /CSE, acted as reviewer in Artificial Intelligence Review, Springer.

Dr. N. Rajganesh, Assoc. Prof. /CSE, acted as reviewer in Multimedia Tools and Applications, Springer.

Dr. S. Rajalakshmi, Assoc. Prof/CSE, acted as reviewer in Journal of Autonomous Intelligence.

RESEARCH ACTIVITIES

RESEARCH PUBICATIONS

JOURNALS

Dr. R. Jayabhaduri, Prof. /CSE, Ms. S. Saineha, Ms. M. Madhumithaa and Ms. A. Roshini, published a paper titled "WSA: A Navigation App For Women Safety" in NOVYI MIR Research Journal 8 (7), 185-195, on July 2023.

Dr. V. Rajalakshmi, Assoc. Prof. /CSE, published a paper titled "Face Mask Detection and Social Distance Monitoring with Deep Learning", Indian Journal Of Science And Technology, Vol. 16, No. 25, pp. 1888-1897, on July 2023.

RESEARCH ACTIVITIES

RESEARCH PUBICATIONS

CONFERENCES

Sai Madhuree Gopavaram, **Dr. P. Vinothiyalakshmi**, Assoc. Prof./CSE, published a paper titled "Cloud Based Credit Card Fraud Detection System in Banking using Machine Learning and Deep Learning algorithms", IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT), July 6-8, 2023, IIT Delhi.

Dr. V. Rajalakshmi, Assoc. Prof./CSE, published a paper titled, "Climatological Rainfall Forecasting using LSTM: An Analysis of Sequential Input and Data Window Input Approaches", 4th International Conference on Data Science and Applications, To be published in Springer Book Series on July 2023.

Ms. G. R. Khanaghavalle, AP/CSE, has presented a paper entitled "A Deep Learning Framework for Multiclass Categorization of Pulmonary Diseases" in IEEE World Conference on Communication & Computing (IEEE-WCONF) during 14th to 16t h July 2023.

RESEARCH ACTIVITIES

RESEARCH PUBICATIONS

CONFERENCES

Ms. Rupa Kesavan, AP/CSE, presented and published paper titled "IoT Based Modern Poultry house With Enhanced Accuracy," Proceedings in the 2nd International conference on Edge computing and applications (ICECAA-2023) held on 19th -21st July 2023.

International conference on Edge computing and applications (ICECAA-2023)

ALUMNI TESTIMONIAL

ALUMNI TESTIMONIAL

Name of the Alumni: **RAJESWARI N**
Year of Passing:**2008**
Designation: **Senior Assistant Professor**
Address of the Company: **SASTRA University,**
SRC Campus Kumbakonam

As an alumni of Computer Science department, I have to say that I had a mostly positive experience during my time there. The faculty were knowledgeable and passionate about their subjects, and they always made themselves available to help students. I also appreciated the sense of community within the department, which helped me to form lasting relationships with my peers and professors.

I feel that my department provided me with a solid foundation for my future career. The faculty, resources, and community that I found there helped me to develop my skills and interests, and I am grateful for the experience.

CSE-BYTES

**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**

**SRI VENKATESWARA COLLEGE OF ENGINEERING
(AUTONOMOUS)
P.B NO: 1, PENNALUR, SRIPERUMBUDUR - 602 117**