DEPARTMENT OF COMPUTER SCIENCE AND DESIGN ENGINEERING

ABOUT THE DEPARTMENT:

The Department of Computer Science & Design offers B.E program. The department has well-qualified, knowledgeable, and dedicated faculty to provide qualitative, industry-tuned education to students. The department organizes various events like workshops and technical talks for students to interact with Industry Professionals and hone their skills. This empowers them to think beyond the regular course curriculum and possibly instill in them the concept of starting on the entrepreneurial journey.

Department staff and students are members of Professional bodies like ISTE, IEI, CSI & IEEE. The department club- Adroit encourages showcasing student's talent in programming, debugging, and teamwork and enhances their skills.

Dr Deepa S R

Vision and Mission of the Department

Vision
To prepare skilled and distinct professionals in Computer Science & Design with good research skills backed by ethics for addressing societal needs.

Mission

1. Instill a commitment to enhance innovative design skills on par with the technological advancements in the IT industry.

2. To make efforts to explore the research ideas in hardware and software design.

3. To groom the students with the design techniques to cater to the needs of society with professional ethics.

Memorandum of Understanding:

The Department signed a Memorandum of Understanding with Rubixe pvt Limited, Bangalore, on 25th Feb 2023 for providing student internship program from faculties/guides, training on Technologies, exposure and work on real time projects. This MOU is valid from 25th Feb 2023 to 31st December 2026.

DEPARTMENT WELCOMES:

Mrs. Surekha Byakod Assistant Professor

Mrs. Sushma.A Assistant Professor

Mr.Subhash Kumar S Assistant Professor

LATEST TECHNOLOGY:

● Graphic design is the practice of composing and arranging the visual elements of a project. Good graphic art streamlines communication. The objective of graphic design is to convey or enhance a message. Graphic design can have many applications from road signs to technical schematics and reference manuals. It is often used in branding products and elements of company identity such as logos, colors, packaging , and text as part of

advertising.It can be applied in advertising strategies, or it can also be applied in the aviation world or space exploration.

EVENTS ORGANIZED BY THE FACULTY

- Technical Talk on UI/UX Design conducted on 25-11-22 under IEI student chapter. Resource person is Mr Pravin Ghodke, UX Designer, Philips.

- Workshop on Cyber safety conducted on 17-1-23 under CySeck (CYBER SECURITY, KARNATAKA), ADROIT CLUB. Resource person is Mr. NITESH SINHA, FOUNDER & CEO, SACUMEN Mr. JEEVESHA, DIRECTOR OF HR & OPERATIONS, SACUMEN.

- Workshop on BUILDING COMPUTER VISION AI MODEL on 8-02-2023 under ISTE, CSD Adroit Club ,Resource person is Mr. Varun Poladiya, Head Marketing, navan.ai , Bengaluru.

- Industrial Visit to ISRO on 08-06-2023 , under Adroit club.

Events Attended By Faculty

1) Dr Deepa S R Attended faculty development program on "FDP on Angular and Node JS, JSS Academy of Technical Education, Bengaluru. 2-11-23 to 4-11-23
2) Surekha Byakod Attended 5 days faculty development program on "Introduction to python programming and its Applications" from 13 th to 17th March 2023.Organized by Visveswaraya Technological University VIAT,muddenahalli,Chikkaballapur.
3) Surekha Byakod Attended 5 days faculty development program on "Artificial Intelligence and Data science in Image Analysis" from 13th Feb to 17th Feb 2023.
4) Surekha Byakod has participated in 6 days faculty development program on "R Programming and Its Applications" from 27th march to 1st April 2023.
5) Sushma A has participated in 6 days faculty development program on "R Programming and Its Applications" from 27th march to 1st April 2023.
6) Sushma A, Attended faculty development program on "FDP on Angular and Node JS, JSS Academy of Technical Education, Bengaluru. 2-11-23 to 4-11-23

PUBLICATIONS BY FACULTY:

1) Dr Deepa S,"Tamper Proof Air Quality Management System using Blockchain" International Journal of Advanced Computer Science and Applications (IJACSA), 2023, Vol. 14, No. 2, pp. 263-271 DOI http://dx.doi.org/10.14569/IJACSA.2023.0140232 (Scopus Indexed-Q3 and Web of Science (ESCI))

2) Dr. Deepa .S.R "Tamper Proof Air Quality Management System using Blockchain International Journal of Advanced Computer Science and Applications (IJACSA), 2023, Vol. 14, No. 2, pp 263-271 Link:DOI : http://dx.doi.org/10.14569/IJACSA.2023.0140232 Journal Link:https://thesai.org/Publications/IJACSA
Paper Link: https://thesai.org/Publications/ViewPaper?Volume=14&Issue= 2&Code=IJACSA&SerialNo=32 Journal Scopus link: https://www.scopus.com/sourceid/21100867241.

3) Dr. Deepa .S.R,"The Smart Factory of tomorrow : Artificial Intelligence and Machine Learning Reshaping Manufacturing Process" Intrenational Conference on Smart Technologies for Smart Nation (SmartTechCon 2023), Amity Global Institute, Singapore, 18-19 August 2023, pp. 1477-1481, doi: 10.1109/SmartTechCon57526.2023.10391663.

4) Surekha Byakod "Lung cancer CT image classification using hybrid-SVM transfer learning approach" Soft Computing,/Published:May-26 2023, https://doi.org/10.1007/s00500-023-08498-x Soft Computing , 2023, 27(14), pp. 9845–9859 https://www.scopus.com/authid/detail.uri?authorId=55925539100

Achievements by Faculty

1) Dr. Deepa S R, Professor & HOD, recognized as Reviewer for International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE 2023) organized by Bellary Institute of Technology and Management, Bellari held on 29-30th April 2023

2) Dr. Deepa S R, Professor & HOD, recognized as Reviewer for,Fifth International Conference on Cognitive Computing and Information Processing (CCIP 2023) is being organized at JSS STU during 15th and 16th, December 2023, JSS Science and Technology University, Mysuru

3) Dr. Deepa S R, Professor & HOD, recognized as Reviewer for IEEE International Conference on Recent Advances in Science & Engineering Technology (ICRASET) is being organized at BGS Institute of Technology, BG Nagar, Mandya, India, during 23rd and 24th November 2023.

4) Dr. Deepa S R, Professor & HOD, recognized as Reviewer for International Conference on Evolutionary Algorithms and Soft Computing Techniques on (EASCT-2023) during 20-21, October 2023, RVITM, Bengaluru.

5) Dr. Deepa S R, Professor & HOD, successfully completed her course on Online certification course to "Introduction to Data Science" by Simplilearn

6) Surekha Byakod filed patent on "Automatic Recommendation system to overcome Depression in Dysfunctional Behaviour Using Machine Learning Techniques" date of application on 20-02-2023,in the field of invention field,Application ID:202341011358.

7) Surekha Byakod completed 12 -weeks NPTEL course on " Accreditation And Outcome Based Learning during August 2023 to Nov 2023.

Achievements By Students

1) Dhanush has won First prize in Marvel Quiz in university level on 15/7/2022.
2) Kushal has won 2nd prize in Fashion show in SJBIT university on 21/6/2023.

TOPPERS LISTs 2023

Varshitha Sridhar
1KS21CG055

ANAGHA SHASTRY
1KS21CG004