TECHNOPEDIA

BIANNUAL NEWS LETTER

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CHAIRMAN'S MESSAGE

Dr.Chenraj Roychand Jain

We are a school that prides itself not in fostering academic excellence but also in making our learners append at the school satisfying, fulfilling and joyous. Iintend to take the JGI Group to the next level, employ more effective methods to make the students think differently and instill in them with positive attitude towards inclusive growth that benefits them and the society at large.

PRINCIPAL'S AND DIRECTOR MESSAGE

Dr. Ganesh D B

At JIT Davanagere all our actions are directed towards imparting quality education through theoretical learning with the virtue of practical learning. Delightful learning happens here as we club academics with sports and cultural activity. Students are trained to excel in their career, share knowledge, have overall growth & emerge as leaders.

Dr. Mouneshachari S

HEAD OF THE DEPARTMENT

More than activity conduction, its documentation plays a major role in any organization. These documents always have been key aspects in future planning of the system developments. I am very much glad to say that, the Department of Computer Science & Engineering has given priority for the same. Certainly, this progress indicates the right decisions and directions of the future endeavors.

EDITORIAL BOARD:

Mrs. Meghana G R, Asst. Professor |**Ms. Bindu N**, Instructor

Mr. Manu M M 4th Sem | **Mr. Vignesh Vinayak**, 6th Sem | **Mr. Ashwin S Mathad**, 8th Sem

VISION OF THE PROGRAM

To develop socially responsible **computer science engineers** and **entrepreneurs** with **strong academic excellence**, **technical backgrounds, research and innovation, intellectual skills and creativity** to cater the needs of IT Industry and society by **adopting professional ethics**.

MISSION OF THE PROGRAM

- **To impart center of excellence by offering technical education and imbibing experiential learning skills** to achieve teaching learning process.
- **Providing a Platform** to discover and engage research and innovation strengths, talents, passions **through collaborations, government, private agencies and industries.**
- **Creating an environment** to inculcate moral principles, professionalism and responsibilities towards the society.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: Graduates of the program will be employed in the computing profession and be engaged in learning, understanding and applying new ideas and technologies as the field evolves.

PEO 2: Graduates will be able to conduct Research, Innovation, Design & Development aspects of varying complexities of software and scientific systems.

PEO 3: Graduates exhibit high professionalism with ethical and moral values in their working environment.

PROGRAM OUTCOMES

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: 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.

PO3: 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.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: 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.

PO6: 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.

PO7: 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.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: 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.

PO11: 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.

PO12: 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.

National Board of Accreditation

The National Board of Accreditation (NBA), India is an independent autonomous body with effect from 7th January 2010 with the objectives of assurance of quality and relevance to technical education, especially of the programs in professional and technical disciplines, i.e., Engineering and Technology. It is a badge that adds credit to an engineering program.

The NBA expert team visited the department and institute on 6th ,7th and 8th of January 2023.

The institute is glad that, the college has stepped in with three departments namely Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering for NBA Accreditation, for the first time during the academic year 2022-23. The three departments have been accredited for 3 years by the NBA Expert Team.

Faculty Achievement

Attended ATAL FDP (16/09/2022)

Dr. Prashantha G R, Prof. Sameer B, Prof. H S Saraswathi, Prof. Latharani T R, Dr. Azizkhan F Pathan, Prof. Shafiulla Shariff, Prof. Kotramma T S and Prof. Meghana G R of Department of CS&E attended 12 days AICTE ATAL FDP from 5/9/2022 to 16/9/2022 on "**Intelligence scheme for cyber security" held at UBDTCE**, Davanagere**.**

Ph.D. Awarded (27/09/2022)

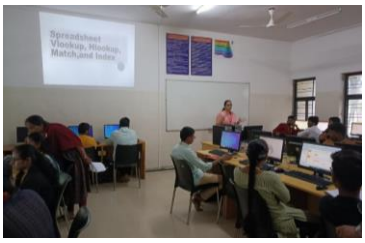
Visvesvaraya Technological University (VTU), Belagavi has awarded Ph.D. in Computer Science & Engineering to Azizkhan F Pathan for his thesis "**Framework for Opinion Mining using Natural Language Processing and Deep Learning- An E-Commerce Perspective**" under the guidance of **Dr. Chetana Prakash**, Professor, Department of CS&E, BIET, Davangere.

Faculty as a Resource Person (14/10/2022)

Prof. H.S. Latharani T R, Department of CS&E, delivered a guest lecture **on "IoT and its Applications"** in the orientation session for first year BCA students of Nutana Institute of Management, Davangere.

Faculty as a Resource Person (23/11/2022)

Department of Master of Business Administration, Jain Institute of Technology, Davanagere organised Microsoft Excel training sessions for the MBA students. **Prof. Meghana G R**, Department of Computer Science and Engineering addressed the students and shared the knowledge and conducted hands on sessions on Microsoft Excel by training the students on V Look up, H Look up, Index, Match and Index-Match functionalities of Microsoft Excel.



Faculty as a Resource Person (25/11/2022)

Dr. Mouneshachari S, Professor & HoD, Department of Computer Science & Engineering has delivered a talk on "**Introduction to e-Governance Initiatives, Introduction to key initiatives of Karnataka State and Portal Demonstration to explain RTI, and importance of using and accessing websites and Introduction to cyber security**" on 25th November 2022, which is organized by District Training Institute, Chitradurga, Government of Karnataka. Around 35 to 40 participants from various departments of Govt. of Karnataka were attended the event

Faculty as a Resource Person (24/11/2022)

Department of Master of Business Administration, Jain Institute of Technology, Davanagere organised Microsoft Excel training sessions for the MBA students. **Prof. Latharani T R**, Department of Computer Science and Engineering addressed the students and shared the knowledge and conducted hands on sessions on Microsoft Excel by training the students on Sorting, filtering, Data Validation, text to columns and removal of duplicates functionalities of Microsoft Excel.

Faculty as a Resource Person (24/11/2022)

Department of Master of Business Administration, Jain Institute of Technology, Davanagere organised Microsoft Excel training sessions for the MBA students. **Prof. Archana K N**, Department of Computer Science and Engineering conducted sessions on Group Discussions

Faculty as a Resource Person (19/01/2023)

District Skill training office organised a workshop on "**ICT and e- Governance**" in Zilla panchayat office, Davanagere. **Dr. Mouneshachari S** delivered a talk for C Group employees.

Faculty Achievement (17/03/2023)

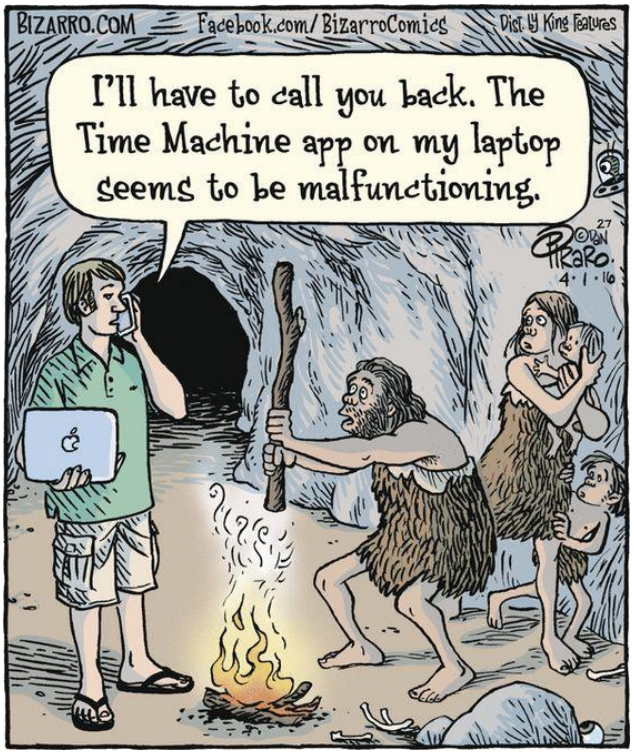
Prof. Shafiulla Shariff has successfully completed Ph.D course work on **"Image Processing and Machine Vision and Research and publication ethics"** Grade A and Grade B respectively from VTU, Belgavi. HOD and Staff members heartily congratulated.

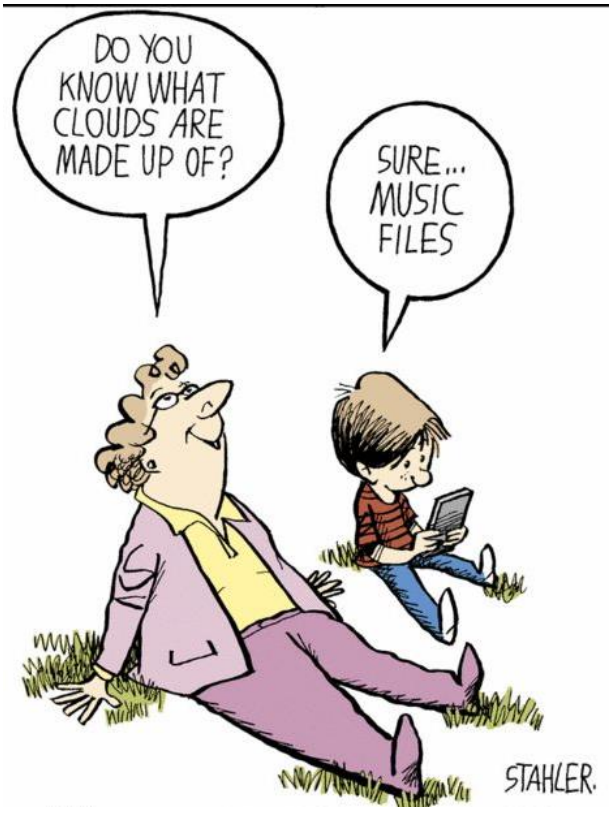
CySecks's FDP on Cyber security (28/03/2023)

Dr.Mouneshachari S ,Professor & Head of Computer Science and Enginering Department is attending **6 Day FDP on Cybersecurity** organized by kTech, KSCST,Bengaluru in association with IISc,Cisco and VMW are at Challakere campus.The objective is to train and support the faculty to deliver the cybersecurity specilization.The trainers for each day are from different Industry organization,the participants are given Hands-on session.

Invitee at UBDTCE, Davanagere (30/03/2023)

Dr.Mouneshachari S ,Professor & Head of Computer Science and Enginering was invited as a chief guest for inaugral function "Techno Mania" Organized by Departmnet of CS&E,UBDTCE,Davangere. Professor Inaugrated and gave inputs to students about advancements of technology in modern era and wished good luck to students participating in various events of "Techno Mania".





Student Achievement

Fifth Semester VTU Results

SHARANA B BANAKAR
1st TOPPER
4JD20CS023
89.13%

MIZBA KHAN M
2nd TOPPER
4JD20CS029
88.38%

POOJA G J
3rd TOPPER
4JD20CS027
83.50%

VTU 5th Sem CBCS Results for JAN - FEB 2023 Exams have been announced for all the regions on 18th March 2023. Department of Computer Science & Engineering has passing percentage of **86.76%** results. Further, **Sharana B Banakar has secured 1st place with 89.13%, Mizba Khan M has secured 2nd place with 88.38%** and **Pooja G J has secured 3rd place with 83.50%.** Department Head, teaching and non teaching congragulated the toppers.

Seventh Semester VTU Results

RADHIKA K S
1st TOPPER
4JD19CS042
88.71%

AISHWARYA H U
2nd TOPPER
4JD19CS002
87.29%

BHAVANA N S
3rd TOPPER
4JD19CS013
86.57%

VTU **7th** Semester CBCS Results for January 2023 Examinations have been released for all regions on 12th February 2023. Department of Computer Science & Engineering has achieved remarkable passing percentage of 92.54%in the 7th semester results. **Ms. RADHIKA K** Shas secured **1st place with 88.71%,Ms. AISHWARYA H U** has secured **2nd place with 87.29%,Ms. BHAVANA N Shas secured 3rd place with 86.57%**. Hearty Congratulations to all the toppers of CS&E Department on behalf of College Management, Principal, HOD, Teaching and Non-teaching staff members.

Student's Achievement (21/04/2023)

Karnataka State Council for Science and Technology (KSCST) has sanctioned Funds for the below listed batches. College Management, Principal, HOD,Teaching & Non-Teaching staff's have conveyed the best wishes.

Proposal Reference No	Project title	Guide's	Name of students
465_BE_0133	KISANKITCHEN-Automated price fixing,bidding & order confirmation aplication using image processing	Mrs.Kotramma T S Dr.Mouneshachari S	Prajwalreddy P R Megha H M Radhika K S Suhas R

Proposal Reference No	Project title	Guide's	Name of students
465_BE_0130	Predicting Missing words for dementia Patients.	Dr.Mouneshachari S	Tejas R Hasabavi Pradeep K Nandan Kudekar Vinay K N

(18/11/2022)

5th semester Student **Mallikarjuna S.** bearing the USN 4JD20CS020 participated in VTU Central karnataka **volleyball** division held at the Adichunchangri Institute of Technology in Chikmagaluru.

Proposal Reference No	Project title	Guide	Name of students
465_BE_0094	Farmer Helpdesk APMC-App	Dr.Prashantha G R	Hoysala J J Nagashayan K Varuni K Tanu C

Central zone men football tournament

VTU Central zone men football tournament was held at JNNCE, Shimoga. Mr. Manu M P bearing USN 4JD21CS025, Mr. Vinay T S bearing USN 4JD21CS060, Mr. Prajwal B R, bearing USN 4JD21CS041 and Mr. Prateek P M bearing USN 4JD20CS033 participated in the tournament.

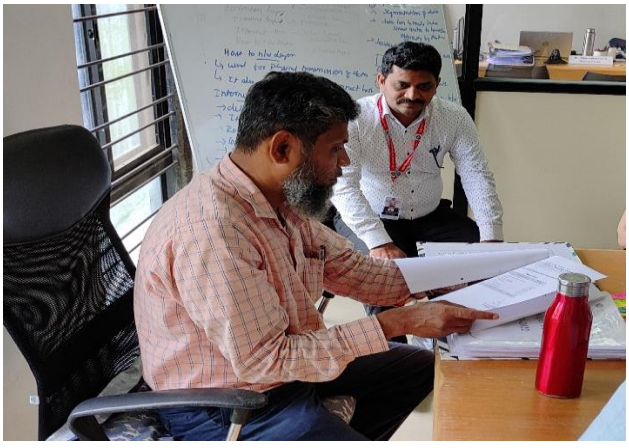
ACTIVITIES CONDUCTED IN THE DEPARTMENT

PU Students Visit to JITD (20/09/2022)

Second year PU Student's from Mothiveerappa College, Davanagere headed by Mrs. Shruthi C, Lecturer, visited, Department of CS &E, Jain Institute of Technology, Davanagere today at 10.40 AM as part of an activity from the college to enhance knowledge about IT. Dr.Ganesh D B, Principal & Director, shared information with students about JITD and JGI, Bengaluru. Dr. Mouneshachari S, Head of the department, CS& E, briefed out about IT, department and facilities available at the department. Students visited all the departmental labs. Mr. Vinay, Mr. Naveen and other staff members were present during the visit.

External NBA Audit (22/09/2022)

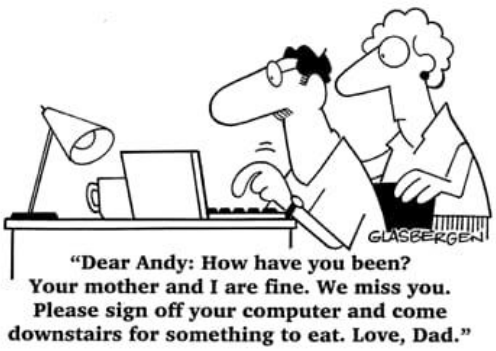
The External NBA Audit was conducted by **Dr. Mohamed Rafi**, Professor, Department of studies in Computer Science and Engineering, UBDTCE, Davanagere. He reviewed the P files of NBA and gave the valuable suggestions and improvements to be incorporated.



NBA Mock External Audit (07/10/2022)

NBA Mock External Audit was conducted in the Department of Computer Science and Engineering. **Dr.Gururaj K S**, Professor and Head of Information Science and Engineering, GSSSIET, Mysore, was invited as an External NBA Expert for the Evaluation.

The NBA External Audit started with the presentation by Dr. Mouneshachari S, Professor and HOD, Department of CS&E. The NBA External Evaluator reviewed all the criteria wise supporting Files and P-Files. He gave the suggests on few criteria documentation. He also and improvements required to face NBA visit. All the staff members and the non-teaching staff members of the Department were present during the audit.



NBA Mock External Audit Day 2 (08/10/2022)

NBA Mock External Audit continued today with the verification of criteria 6 and the criteria 7 and its supporting P files. **Dr. Gururaj K S**, Professor and Head of Information Science and Engineering, GSSSIET, Mysore, reviewed the files, he gave his valuable suggestions to improve the organization of files.

At the exit meeting of Mock audit, the expert team shared the areas to be improved and also educated all the teaching and non-teaching staff members about the procedure the NBA inspection will be carried out.

Intra and Inter Internship training (11/10/2022)

An Inaugural of Internship for the third semester students was organized in JIT auditorium. **Dr. Rakesh L**, Director, Ada Lovelace software Pvt. Ltd., Bangalore was the invited guest for the program. He addressed students about the current trends and technologies in the IT industry and he motivated students to involve in the internship**. Dr. Mouneshachari S,** Professor and Head of CS&E addressed students about the schedule and the areas on which the internship in CS&E is offered. He also gave insights on the importance of internship.

The Inauguration of internship was followed by the internship hands on sessions.

The following staffs are involved in the conduction of internship

Sl.No	Name of Faculty	Topic
1	Dr. Mouneshachari S	PHP, MySQL, certification courses
2	Dr. Prashantha G R	Big data and cloud services
3	Dr. Azizkhan F Pathan	Advanced C
4	H S Saraswathi	Basic C Aptitude
5	Latharani T R	Role of office Tools in Engineering Education
6	Meghana G R	Web Technology(HTML), CSS
7	Shafiulla Shariff	Basics of IOT
8	Usha K	Advanced C
9	Kotramma T S	Fun activities
10	Manjula P	Fun activities
11	Archana K N	Fun activities
12	Sameer B	Fun activities
13	Mr. Prakash C H	Talk on Placement and higher studies.
14	Jagadeesh H S	Explanation about Computer Parts
15	Vinay B T	Explanation about Computer Parts
16	Naveen A H	Industry Visit
17	Pradeep L M	Industry Visit

Valedictory of Internship for 3rd semester students

The valedictory of the internship for the third semester was held today. The certificates for the participation were given for all the stduents who actively participated in the three weeks internship. The faculties who assisted in conducting the internship were rewards and appreciated.

Applied for AICTE-Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)

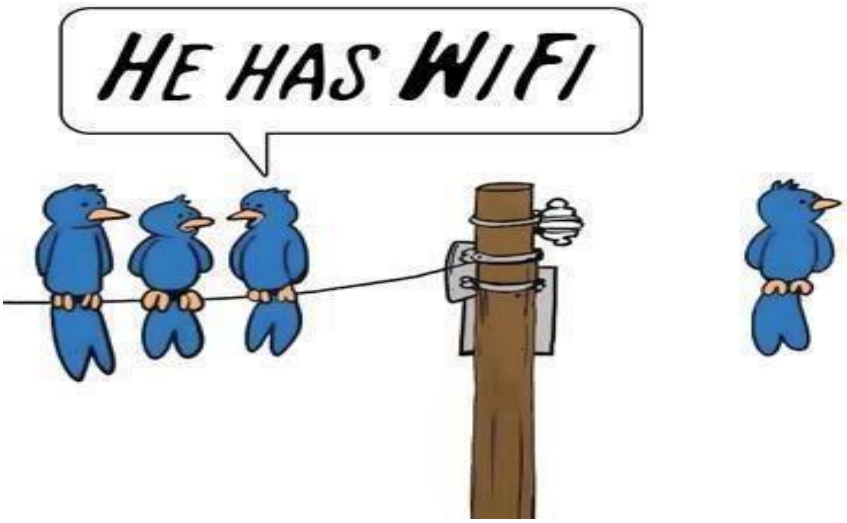
The SPICES is a Scheme provides that financial support to institutions for developing studentsclub for well-rounded development of students by promoting their interests, creativity and ethics.The objective of this scheme is To energize and position students club/ Chapters/ Societies as facilitating entity for pursuit of individual interests, creative work, showcasing talent, networking and teamwork opportunities, social experience, organization and management skills, exposure to professional ethics etc. **Dr. Azizkhan F Pathan**. and **Prof. Meghana G R.** of Department of CS&E successfully applied for this scheme.

MSME Proposal

Dr.Mouneshachari S Professor and Head of CS&E and **Prof. Manjula P** Department of CS&E submitted proposal for Micro Small and Medium Enterprises MSME , Govt .of India.

Election of Forum Bodies

Department of CS&E conducted an election for the Vice President, Forum representatives, Secretary, Treasurer of the CS&E forum **CS-UBIQUE.**



JITD Innovation Day (22/10/2022)

JITD Innovation Day was celebrated on 22nd October 2022. Programme was held at JIT Auditorium at 10.30am. The programme was presided over by **Dr Ganesh D B**, Principal and Director, **Dr Mouneshachari S**, IIC Vice President , **Dr Suhas D**, JITD NISP, **Prof Harish K S** , IIC Convener. The event was organized by JITD NISP unit. **Dr Suhas D** appealed students to embrace "**Innovation and Entrepreneurship.**" **Dr Mouneshachari** highlighted the importance of Innovation and **Dr Ganesh D B** gave insights on Innovation and how it plays a pivotal role in the current industry trends.

JITD Innovation Day was a tribute to birth anniversary of Dr. A P J Abdul Kalam.

Innovative products demonstration was also organised for the students where stand out students projects was depicted.

Product Exhibition in Institution Innovation Day

CS UBIQUE Forum Inauguration (04/11/2022)

The Forum of Department of Computer Science and Engineering **"CS-Ubique"** was inauguratedby the **chief guest Ms. Umme Rumana, Software Developer**, High Peak Software, Bengaluru, **Mr. Prashanth Nayak,** Author and Founder, Professional Career Alliance, Bengaluru, **Dr. Ganesh D B, Principal, Mr. Prakash C H**, Dean Placements and Training, and **Dr. Mouneshachari S.**

The Chief Guest **Ms. Umme Rumana** shared her professional experiences and also encouraged the students to participate in all the activities and make utilize of college resources including Library, Skill development labs etc.

Dr. Ganesh D B Principal and Director of the Institute, in his presidential address, focused on the importance of communication and the need to incorporate innovation in learning. He urged students to make use of every opportunity to learn.

Dr. Mouneshachari S, Professor and Head of CS&E addressed the gathering on the occasion and delivered a motivational speech to the students. He briefed about the "fear of failure".

Dr. Prashanth Nayak, concisely addressed the students about the requirements of industry and how to fill the gaps between industry and academia by participating in activities.

Prof. Usha K, Assistant Professor, Forum coordinator gave insight on the forum activites, the plan and schedule of forum activities for the upcoing semester.

The academic toppers of the academic year 2021-22 were felicitated. The prizes were distributed for the winners of the **JAVOS** and **PSP Poster presentations activites**.

Release of Technopedia

The newsletter of department of CS&E **Technopedia volume VI issue 2** was released today. The newsletter has the enclosure of all the activities conducted in the department, it highlightes the inter and intra institute students participation & achievements, academic toppers, details of students placed and also higlights the faculty achievments during the even semester of the academic year 2021-22.

The freshers to the department were welcomed by the final and pre final year students. Severals games were palnned and conducted to the freshers by final,prefinal year students. They also enterained by several cultural activities.

A Workshop on Project Development (14/11/2022)

A Workshop on **Project Development and KSCST Proposals** was organized from 2:00PM to 4:00PM for final year students. **Dr. Mouneshachari S**, HOD, Department of CS&E, JIT, delivered the talk on "**Issues in Final Year Project Development**", he educated students about different types of project. **Dr. Azizkhan F Pathan**, Assistant Professor of Department of Computer Science & Engineering, JIT, gave an insight on schedule of **project phase demos, phases of project and project rubrics**. **Dr. Prashantha G.R.**, Associate Professor, Department of CS&E, JIT, educated students about the formats of project synopsis, report and educated students about **funding schemes for the projects**.

A Workshop on Industry Oriented: Selenium using Java (15/11/2022)

Department of Computer Science and Engineering conducted a one day workshop on **Selenium using Java** to the final year CS&E students. The students were given an exposure to the industry oriented usage and working of selenium using Java.

Dr. Mouneshachari S, Professor and head of CS&E Inaugurated the workshop and addressed students about the importance of Selenium in industry.

Prof. Manjula P and **Prof. G C Divya** were the resource people who handled the hands on session on selenium.

The valedictory of workshop was conducted at 4:30pm, **Dr. Ganesh D B**, Principal, was present for the valedictory and he motivated students to actively participate in these kind of activities to gain IT exposure.

CS–UBIQUE Organized **Technical Quiz & Debate** competition for the students of **3rd** semester. Students actively participated & had a Good Talk Through.

In 2 Greater U – A Personality Transformation program (24th and 25th November 2022)

The Department of Computer Science and Engineering has oraganised a two days program "**In 2 Greater u- a personality transformation program**" for the third semster students. **Mr. Prashanth Nayak**, Author and Founder, Career Alliance, Bengaluru is the resource person for the session. He addressed students in todays session about how to gain self confiendence.

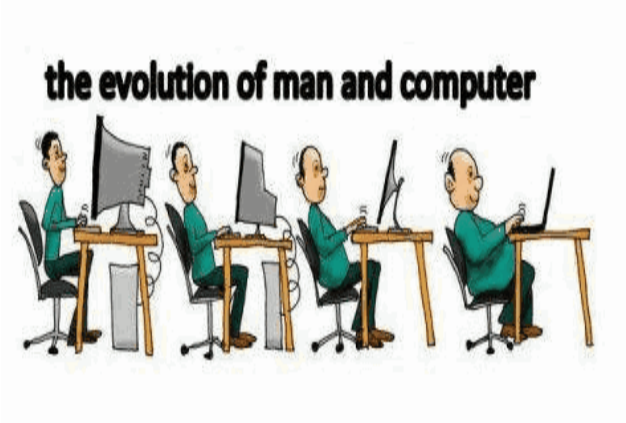
The valedictory of the program was conducted at 4:00pm in the auditorium, **Dr.Ganesh DB**, Principal, addressed students to make better utilization of these kind of activities. **Dr. Prashantha G R**, addressed studentsabout the imporatance of these kind of activities for Engineering students and students shared their feedback about the two days sessions.

Inauguration of E-Waste Collection Drive (28/11/2022)

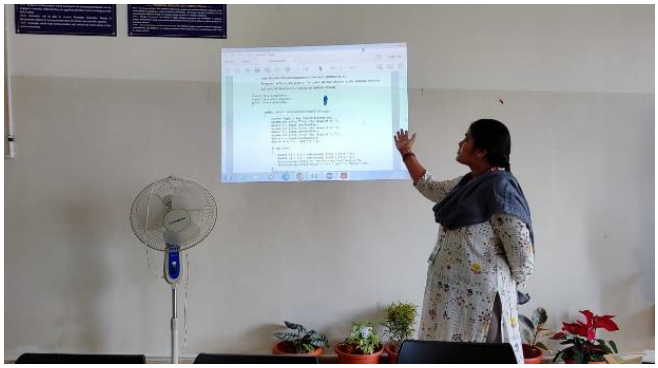
In order to bring the awareness about the dangers and consequences of E-waste, **Department of Computer Science and Engineering, Jain Institute of Technology in association with NSS Wing and CROMA** inaugurated the **E-Waste Collection Drive** on 28th November 2022. **Mr. Aftab Azhar Khan**, Store Manager, Croma Store, Davangere was the Chief Guest for the Inauguration of the event.

Dr. Mouneshachari S addressed the gathering and highlighted the importance of E- waste disposal. **Dr. Ganesh D B**, Principal & Director of JITD, motivated the students to actively participate in the E-waste collection drive.

The E-waste collection trashes are installed at the premises of the college campus where students and the staff dispose the E-waste collected.



Content sharing session (29/11/2022)



Prof. Manjula P, Department of CS&E, gave a content sharing session to all the teaching staffs, on the FDP attended topic **"Object Oriented Programming with JAVA".**

Mock Aptitude Test (01/12/2022)

Placement Aptitude mock test was conducted for 7th semester students by **Clicks campus** training Institute through online mode. 65 students attended the mock test. **Prof. Archana K N**, **Prof. Sameer B** and **Prof. Kotramma T S** coordianted the mock test.

ISRO Visit (02/12/2022)

The Computer Science and Engineering had orgainsed industry visit to "***Indian Space Research Organisation ISRO, Bangalore***" on 30/11/2022 for the 5th semester students.**Prof. Latharani T R**, **Mr. Jagadeesh** and **Ms. Bindu N** coordinated the industry visit.

Hasiru Usiru (05/12/2022)

Department of CS&E organized Hasiru Usiru event, plantation presentation competition and an education on adoption of plants and plantation process, as per the VTU curriculum 21UH36.All the third semester students gave presentation on the plant they adopted. **Prof. H S Saraswati** coordinated the event. **Dr. Mouneshachari, S** Professor and Head of CS&E, **Dr. Latha B M**, Professor and Head of IS&E and **Prof. Veeresh**, NSS coordinator, Inaugurated the event. Prof. Veeresh, NSS coordinator, **Dr. Prashantha G R**, **Prof. Meghana G R** and Prof. H S Saraswati judged the presentation.

Ganakotsava 2022

(09/12/2022 to 10/12/2022)

Department of Computer Science & Engineering, Jain Institute of Technology, Davanagere inaugurated Two-day technical battle between nine mentoring teams called **GANAKOTSAVA-2022,** An Activity based Revolutionary Paradigm for Counselling process, on 9th December 2022. **Dr. Shreedhara K S**, Professor, UBDTCE was the Chief Guest and **Mr. Basavaraj Doddamani**, Senior Reporter TV9 was the Guest of Honour for the Inauguration of the event. **Prof. Latharani T R,** Co-Ordinator, Ganakotsava-2022, JIT and **Dr. Suhas D**, Head of MBA department, JIT chaired the event.

Dr. Shreedhara K S addressed the gathering and gave the insights to the students regarding the importance of participation as an individual and team work in the event. **Dr. Mouneshachari S**, Professor and Head, Dept. of CS&E, JITD highlighted the importance of counselling and motivated the students to actively participate in the event. Prof. Latharani T R briefed about the different events in the Ganakotsava-2022 and their importance.

Ganakotsava Events

Valedictory of Ganakotsava 2022

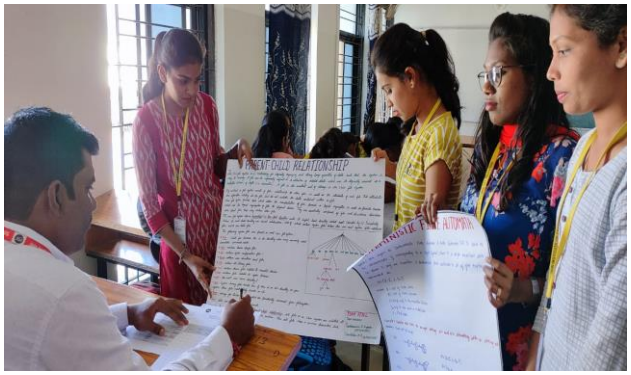
The valedictory of Ganakotsava 2022 was held on 10th Dec 2022. **Dr. Ganesh D B**, Principal, JIT presided over the event. Counselling Team leads by Ms. Archana K N, won the technical battle and were awarded. Dr. Ganesh D B, Motivated the students to actively participate in these kind of activity based learning events.

Python Mini Project Exhibition

(13/01/2023)

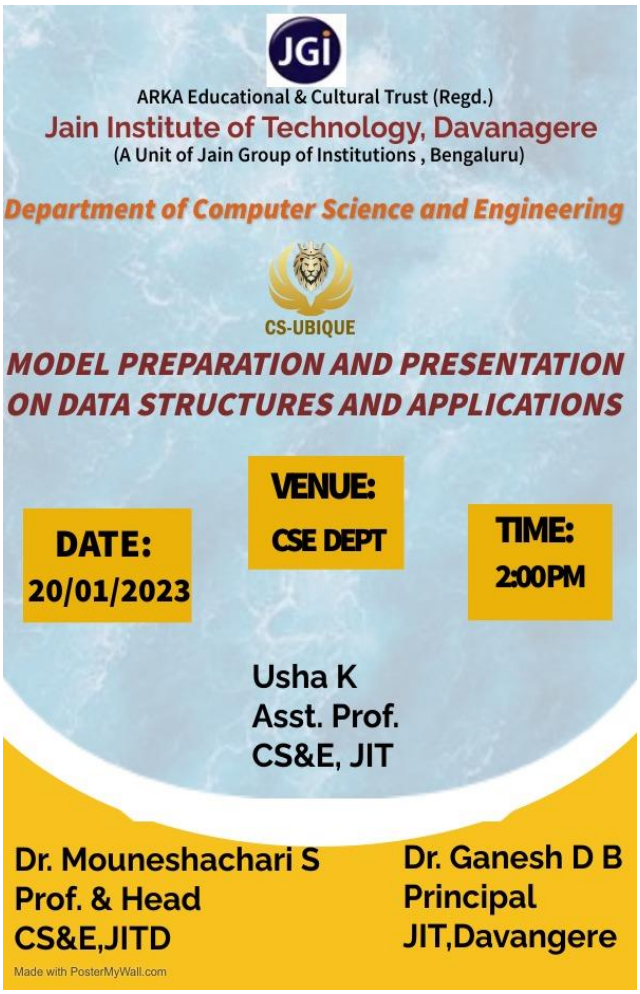
Prof. Kotramma T S organised aPython mini project exhibition as a course activity,which was conducted for 5th semester students. The students exhibited their programming skills through the projects and presentation. The students presents their ideas through posters and charts.**Prof. Meghana G R**, **Prof. Archana K N** and **Prof. Usha K** evaluated the projects and gave the inputs to the students.

Model and Poster Presentation (18/01/2023)



Prof. Archana K N and Prof. Meghana G R organised a **Model and Poster Presentation** event as a course activity, which was conducted for 5th semester students. The students exhibited their skills and concepts through the models and posters. **Dr. Prashantha G R**, **Prof. H S Saraswathi**,**Dr. Azizkhan F Pathan**, , and **Prof. Latharani T R** evaluated the models and posters and gave the inputs to the students.

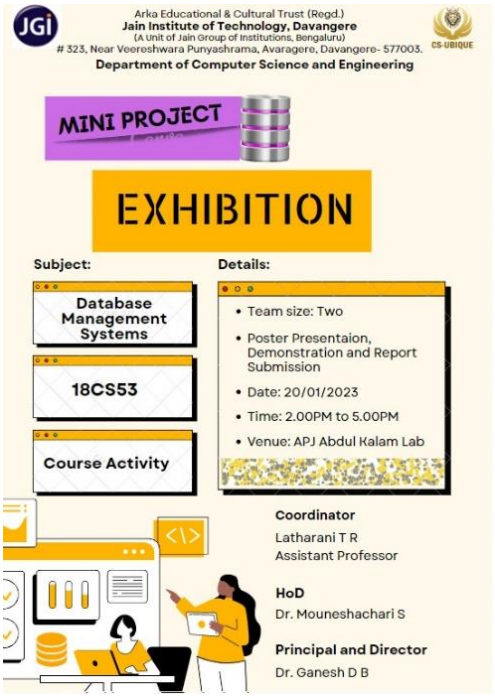
Model Presentation by 3rd semester students (20/01/2023)



Prof. Usha K organised a **Model Presentation** event as a course activity, which was conducted for 3rd semester students. The students exhibited their skills and concepts through the models and posters. **Prof. H S Saraswathi**, and **Prof. Shafiulla Shariff** evaluated the models and posters and gave the inputs to the students.

Mini Project Exhibition by 5th semester students

Prof. Latharani T R organised a **DBMS mini project exhibition** as a course activity, which was conducted for 5thsemester students. The students exhibited their skills through the projects and presentation. The students presents their ideas through posters and charts. **Dr. Latha B M**, **Dr. Prashantha G R** and **Prof. G C Divya** evaluated the projects and gave the inputs to the students.



Paper Presentation by 5th semester students

Prof. Manjula P organised a **Paper Presentation** event as a course activity, which was conducted for 5th semester students. The students exhibited their skills by presenting the papers. **Prof. Meghana G R**, and **Prof. Archana K N** evaluated the event and gave the inputs to the students.

MOU (21/01/2023)

Department of CS&E has succesfully signed a **MoU** with **Infosys Springboard, Bangalore**.

6 Day Faculty Development Programme On "Master Math By Python" (06/02/2023)

Department of Computer Science and Engineering conducted **6 day Faculty Development Programme on "Master Math By python"** . The JITD Auditorium featured the inaugural event. chief guest was **Mr. Mallesh** from Abeyantrix SoftLab Pvt. Ltd. **Dr. Mouneshchari S**, Professor & Head, and **Dr. Ganesh D. B.**, Director & Principal, unveiled the FDP by illiuminating the lamp. The co-ordinators were **Dr. Latha B. M & Dr. Azizkhan F. Pathan.**

The inaugral function started with invoke song By Dr.Mouneshachari S & Team to seek the blessing of almighty. **Dr. Prashanatha G R** ,Associate Professor ,Welcomed the gathering. **Dr.Latha B M** gave insights about FDP. **Dr. Mouneshachari S** presented convener address. **Ms. Archana K N,** Assistant Professor , Introduced the Chief Guest to the gathering.

Mr.Mallesh spoke about how python finds its application in different domains. Dr. Ganesh D B gave presidential Reamrks. **Dr. AzizKhan F Pathan** gave vote of Thanks.

The programme was hosted by Mrs. **G C Divya** Assistant Professor and **Mrs. Usha K** Assistant Professor.

FDP saw enthusiastic participants from several colleges. The sessions began at 11:30 a.m. Mr.Mallesh was the day's resource person. Anaconda navigator was used to design the hands-on sessions.

Resource Person	Topic Delivered
Mr. Mallesh	Anaconda navigator
Dr.Mouneshachari S	Mathplotlib functions
Mrs. H S Saraswathi	Partial derivates, jacobian, Taylor series extension and L Hospitals Rule.
Mrs. Kotramma T S	Installation of pacakages required to run the python programs and numpy and simpy
Ms. Archana K N	Math Library functions

Valedictory of Six Day Faculty Development Programme On "Master Math by Python" (11/02/2023)

The valedictory of six day Faculty Development Programme on " Master Math By Python" held today in JITD auditorium at 11.30am. Dr. Suresha M, BOS, Basic Science and Humanities, VTU, Belagavi was the Guest of Honour and Dr. Basavarajappa K S, Professor and Head of Department of Mathematics, BIET, Davanagere, was the invited Chief Guest for the programme.

Mrs. Usha K and Mrs. G C Divya, Assistant Professor, Department of CS&E mastered the Ceremony. Dr. Suresha M, gave insights on application of Mathematics using different Progrtamming. Dr. Basavarajappa K S, addressed students and staffs about the evolution of Programming languages and its applications in Mathematics.

Dr. Ganesh D B, Principal, addressed staff and students to involve and learn the new emerging technologies of all streams.

All the participants were awarded with the certificates of participation.

The resource people who contributed in the conduction of FDP were also rewarded with the certificate of appreciation.

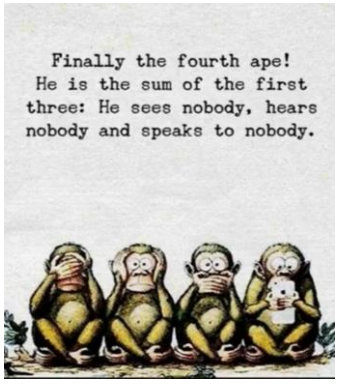
Dr. Mouneshachari S, Professor and Head of Computer Science and Engineering proposed thanks giving to the everyone involved in the conduction of FDP and also to the participants for their active participation in the FDP.

Activity based learning on Introduction to IOT (22ETC15H)

Mrs. G C Divya, Assistant Professor, Department of CS&E organized the IOT course activity for students of 1st year CS&E B sec. Students were given hands on session on design of simple circuits using LED's, IR Sensor & Buzzer.Based on this activity session students are asked to build a simple real life model.

Activity based learning on Introduction to IOT (23/02/2023)

Prof. G C Divya, Department of CS&E organized the course activity for students of 1st year CS&E B sec. The Students were given hands on session on design of simple circuits using LED's, IR Sensor &Buzzer. Based on this activity session students are asked to build a simple real life model.



State level Competition on POC/ Prototype Demonstration (03/03/2023)

In association with IIC and sponsered by SPICES, Department of CS&E organised a state levelcompetition on POC/Prototype Demonstartion as a course activity of Innovation and Design Thinking (22IDT18/28) for the first year CS&E and IS&E students.

Dr. Manjappa Sarathi, Director Research at Sahyadri College of Engineering and Management, presided over the inaugural cermony as a chief guest. He addressed the students and shared the valuable insights on the importance of innovation, he also addressed the students to convert an idea into product/prototype.

Dr. Ganesh D B, Director and Principal, addressed the students to actively participate and make the best utilization of the facilities provided by the institution.

Dr. Mouneshachari S, Professor and Head, Department of CS&E, vice president, JITD, IIC, inscribed the purpose of the event.

Prof. Harish K S, Assitant Professor, Department of Civil Engineering, Convener, JITD, IIC, Prof. Manjula P, Assistant Professor, Department of CS&E, and Prof. Savitha M, Assistant Professor, Department of EC&E also presided over the inaugural cermony.

Post completion of the inaugural cermony, the students exhibited their prototype to the judges. Dr. Madhukeshwara N, Professor & Dean, Dr. Prashantha G R, Associate Professor, Dr. Ramesh R S, Associate Professor, Department of Mechnaical Engg, Dr. Latha B M, Professor, Department of CS&E, Prof. Pushpalatha O, Assistant Professor, Department of EC&E, Prof. Nagaraj B, Assitant Professor, Department of E&E and Prof. Bharat, Assistant Professor, Department of Civil Engg, were the judges for the event.

Prof. H S Saraswathi, and Prof. Shafiulla Shariff, Assistant Professor, Department of CS&E coordinated the event.

The valedictory cermony of the POC/ Prototype demonstration was held at 3:30PM where the best three prototypes were been awarded the prizes.Ms. Sneha M H and team, 1st sem C Section were the winners of the competition, Ms. E.Anusha and team, 1st sem C Section were the first runnerups, Ms. Moulya S and team, 1st Sem C Section were the second runnerups and Anilkumar N & Sanjay Reddy S, 8th sem E&E were awarded the special prize.

Industry Visit to IISc, Bengaluru (04/03/2023)

Department of CS&E organised a one day industry visit to Indian Institute of Science, Bengaluru for the third semester students. **Prof. Archana K N, Prof. Manjula P** and **Mr. Jagadesh H S** coordinated the industry visit .

ANUSHA N
3rd SEM, CSE

ARTICLE ON "INDUSTRIAL VISIT TO IISC" by Anusha N

Industrial visit was organised by department of computer science & engineering, in which we had visited Indian institute of Science, Bengaluru got an exposure to enlighten current research areas in IISC.During the Visit, Research scholars has insights about areas they are working and demonstration of experiential projects. Industry visit provides an insight into the real working environment of the current trends and technology. So that we can identify our prospective areas of work in overall organisational visit and also helps in enhancing interpersonal skills and outer world techniques. The main objective of this program is to identify the domain wisdom and practical outlook towards technical fields and requisite skills for industry and moreover, gained the knowledge of technical trends. This industrial visit was highly useful to us to understand the research of interdisciplinary areas.

ANUSHA N
3rd SEM, CSE

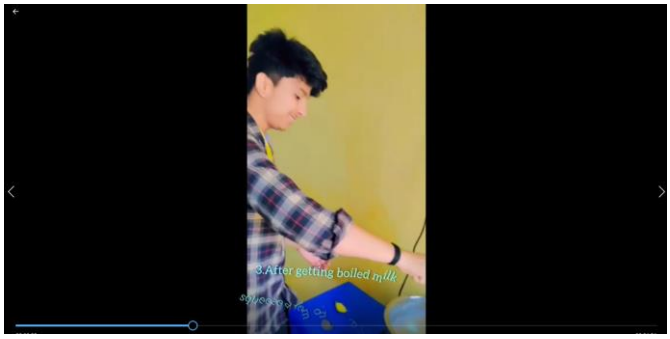
ARTICLE ON" INDUSTRIAL VISIT TO IISC" by Anusha N

An industrial visit to "Indian institute of science" Bangalore. on the occasion of open day in IISC .Volunteers of IISC give us instruction about mapping of campus, concept of go green save green. initially school students of IISC campus exhibited projects on various models .we visited department of computational and data sciences gained the knowledge of interdisciplinary projects. In super computer education and research centre, they exhibited generations of computers India's first Peta scale (CRAY).Later they visited department of Aerospace gained the knowledge of many aeronautical models. In department of centre Ecological sciences they witnessed about projects like solar car, shocking coil, MEME gas sensor,SONAR,accelerated materials property prediction and novel materials discovery . journey with lots of fun ,enjoyment and returned with massive technical knowledge .

Food Walk (09/03/2023)

Food Walk

Food Walk



Department of CS&E in association with NSS cell organised an activity and competition on Social connect and Resposibilties named **Food Walk** as part of **21UH36** course for third semester students of all the branches.

The event was inagurated at 10:00 am in JIT Auditorium. **Dr. Ravi Kumar Patil**, Professor, Department of Food Technology, Davanagere University, was the invited chief guest for the event. He addressed the students about the importance of food and advantages of consuming nutricious food.

Dr. Ganesh D B, Director and Principal, addressed and advised the students to implement best engineering techniques to improve the food quality. He also appreciated the students creativity in making the video of food walk.

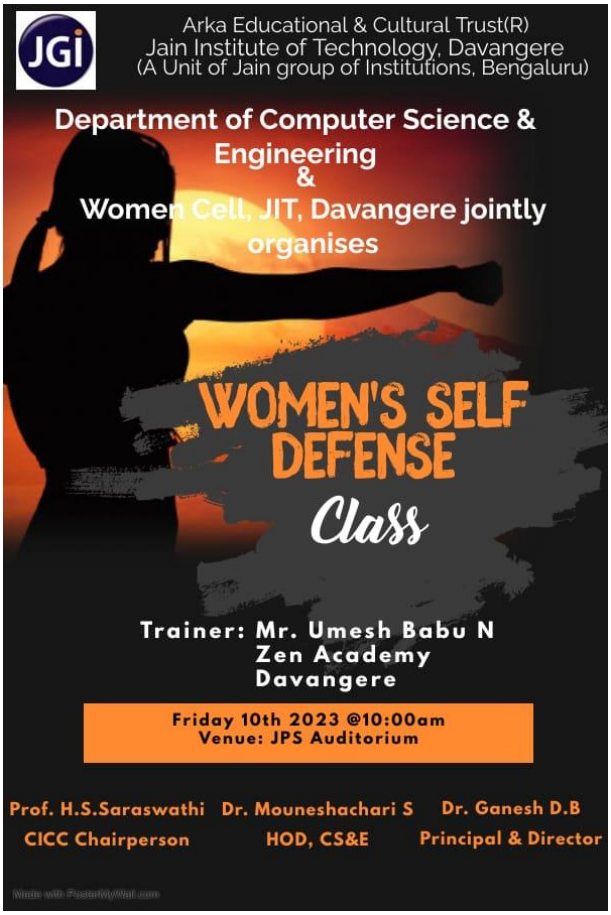
Dr. Mouneshachari S, Professor and Head of CS&E, inscribed the purpose of the event.

Prof. H S Saraswathi, Assistant Professor, Department of CS&E, coordinated the event.

The inaguration was followed by the competition, where students exhibited their food walk video, which described the procedure of cooking nutrious food.

Dr. Ravi Kumar Patil and Dr. Suhas, Professor and Head, MBA were the judges for the event, they reviwed the food walk videos and awarded the best three videos.

Women's Self Defense (10/03/2023)



Department of CS&E in association with Women cell, JITD organised Women's Self Defense class for the girl students of JIT. **Mr. Umesh Babu N, Trainer, Zen Academy**, Davangere handled practical session on self defense techniques and **Martial Arts**. The Self Defence techniques like Martial Arts will aid students to defend themselves in dangerous situations.Dr. Mouneshachari S, Professor and Head of CS&E, Presided over the event. Prof. H S Saraswathi, Department of CS&E coordinated the event.

Educational Trip to HAMPI (16/03/2023)

Department of Computer Science and Engineering organized One day Educational Trip to HAMPI For students of 3rd semester,Which is apart of Curriculum 21UH36. Mrs. H S Saraswathi, Mr.shafiulla Shariff ,Mr.Sameer B ,Mrs.Kotramma T S, Mr.Jagadeesh H S Co oridinated the trip.Students were exposed about UNESCO World Heritage Site HAMPI .

Special Lecture Programme on "HISTROY AND TRADITION of HAMPI"

Students were given insights about history & tradition of HAMPI in a special lecture programme jointly organized by Department of CS& E with Archaeological Museum and culture Department, Government of Karnataka ,Kamlapura-Hampi Division.

The programme started with invocation song by Ms.Aishwarya. Mr. B Ishanna Welcomed the gathering. Mr.Prahlad G,Deputy Director, Inaugurated the programme.Dr.R.Manjunaik Assistant archaeologist gave insights about the rich culture of hampi, and made students to virtually predate HAMPI during the Vijayanagara Empire .Mr.HanumantappaGave vote of thanks.Ms.Disha matered the ceremony.Mrs. H S Saraswathi, Mr.shafiulla Sharif ,Mr.Sameer B ,Mrs.Kotramma T S ,Mr.Jagadeesh H S were present.

Inspiration Day Celebration (17/03/2023)

The Department of Computer Science and Engineering celebrated the late Veteran actor Dr.Puneeth Rajkumar 48th Birth Aniversary.Department Proffesor & Head Dr.Mouneshachari S ,Faculty members,Non-Teaching Staff's,Students took part in the celebrtaion.

LIST OF STUDENTS RECRUITED IN THE YEAR 2022-23

cognizant

Radhika K S

Vasiha Fathima R

Ganesh B S

Bindu G S

Prajwal Reddy P R

TCS TATA CONSULTANCY SERVICES

Varuni K

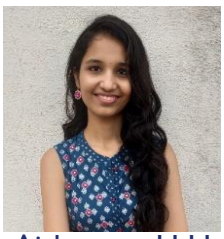
Vinay K N

Tejaswini B R

Shivasali Rajendra Babu

Radhika K S

Palle Technologies


Aishwarya H U

Bhavana N S

genpact

Akshatha C K

Ashwin S mathad

Ganesh G S

eTHNUS
Explore | Expand | Enrich

Ganesh B S

Bhavana N S

Tousifulla H

Likith P

Anjali R

Akshaj S Acharya

Manasa M H

Gouramma Wadegeri

Megha H M

Anu M S

Vidya K M

Sharath J M

Spiders

Anu M S

Tousifulla H

Ganesh G S

Megha H M

Tajammul Khan

Mehanaz Anjum

Likith P

ACCORD
Inspired to be innovative

Ganesh B S

Aishwarya H U

Ganesh G S

BATCH 2022-23

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Technopedia Volume 7 issue 1 (September 2022 to March 2023)

ARKA Educational and Cultural Trust(R)
JAIN INSTITUTE OF TECHNOLOGY, DAVANGERE
(A unit of Jain Group of Institutions, Bengaluru)

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