

CANARA

VOLUME 3 ISSUE 1

AROHANA

The Rising



NEWS LETTER FROM CANARA ENGINEERING COLLEGE

Staff Achievements



Department  
Activities

Student Achievements





## EDITORIAL

### Chief Editor

**Mrs. Ashwini K G**  
Assistant Professor & I/c HoD

**Mrs. Yashaswini K L**  
Assistant Professor

## STUDENT MEMBERS

**Mr. Himanshu**  
**Ms. Gowda Sandya Kantappa**  
**Ms. Diya D Sanil**  
**Ms. Shravya K**  
**Mr. K Manish Rao**  
**Mr. Anirudha Udupa**  
**Ms. Melisha**  
**Ms. Shradha Kamath**  
**Ms. Akriti S Shetty**  
**Mr. Premnath Kini**

## VISION

To be recognized as a centre of excellence in Computer Science and Business System producing a pool of engineers through advanced knowledge and innovation in analysis, computation and solution of real time problems of mankind.

## MISSION

- To provide a learning environment endowed with competence and expertise in Computer Science and Business System education.
- To promote a culture of entrepreneurship and innovation among students by disseminating knowledge and best practices in the domain.
- To create opportunities for all-round development students through co-curricular activities and extra-curricular activities and foster lifelong learning.
- To impart value-based learning among students enriched with ethics to address the needs of society and industry.



## DEPARTMENT PROFILE

The department was started in the year 2021 to offer under graduate degree programme i.e. Bachelor of Engineering (BE) in Computer Science & Business System (CSBS). The department has qualified, experienced and zealous faculty members to guide the students in academics and career. The faculty members are actively involved in teaching, product development and research. The department aims at building the student's career by placing special emphasis on all-round development through continuous interaction with Industry. The campus placement has been scaling higher and higher peaks right from its inception with multinational companies recruiting students in large numbers. The department aspires to promote start-up ideas and entrepreneurship among students to cater the needs of society. Bachelor of Engineering in Computer Science & Business System programme

aims to impart cutting-edge technologies and business skills among students to become competent industry ready IT professionals, researchers and entrepreneurs. This program provides hands on exposure to emerging technologies in data analytics and computation, software development, marketing research, operation management etc. The programmer's goal is to provide skill learning to solve problems in aspects of science, technology, business and society.

To increase the opportunity of placements to students, the department conducts soft skills training programs, technical skill development activities and initiatives on self-learning (Spoken Tutorial programs by IIT Bombay). The students' association and National Service Scheme (NSS) wing frequently conducts various programs to strengthen leadership skills, teamwork and communication; and awareness on protection of environment and social responsibilities.







## PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

1. Graduates will apply knowledge and skills of computer science and business system to address challenges in various aspects of technology, business and society.
2. Graduates will engage in lifelong learning by adapting to changing industrial and societal needs.
3. Graduates will work efficiently and effectively as computer science and business systems engineers exhibiting team spirit, leadership and ethical qualities.

## PROGRAMME OUTCOMES(PO)

- 1.Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- 2.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.
- 3.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.
- 4.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.
- 5.Modern tool usage:** Select/Create and apply appropriate techniques, resources and modern engineering and IT tools, including prediction and modelling to complex engineering activities, taking comprehensive cognizance of their limitations.
- 6.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.
- 7.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.
- 8.Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the relevant scientific and/or engineering practices.
- 9.Individual and team work:** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.
- 10.Communication:** Communicate effectively on complex engineering activities with the engineering community and with the 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.
- 11.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.
- 12. Life-long learning:** Recognize the need for and above have the preparation and ability to engage in independent and life-long learning in the broadcast context of technological changes.

## PROGRAMME SPECIFIC OUTCOMES (PSO)

- 1.To engage in entrepreneurial activities and provide solutions to problems of society via IT.
- 2.Apply concepts of business intelligence and data analytics to design and develop business processes and strategies.







## STAFF ACHIEVEMENTS

### WORKSHOP /FDP ATTENDED



**Mr. Yathish K** has attended a One Month online Faculty Development Program on "Internet of Things" Organized By SkillDzire in collaboration with AICTE.



**Mrs. Yojana Kiran Kumar** has successfully completed the Master of Business Administration program of Manipal University Jaipur in Online Mode during August -September 2024.



**Mrs. Pavithra H B** has participated in the 3-day Faculty Development Program on "Quantum Computing" Organized by the Department of Information Science and Engineering, Canara Engineering College in Association with Visvesvaraya Technological University Belagavi.

## NPTEL ONLINE COURSES



**Mrs. Ashwini K G** has successfully completed the NPTEL Course on "Introduction to Internet of Things" in July to Oct 2024. She has been awarded the prestigious Elite Silver badge, placing her in the top 5% of participants.

**Mrs. Yashaswini K L** has successfully completed the NPTEL Course on "Introduction to Internet of Things" in July to Oct 2024







## ACADEMIC TOPPER'S

### 6th Sem Topper's



Ms. Rakshitha A Bhaktha  
4CB21CB040



Mr. Nikhil N Pai  
4CB21CB028



Ms. Diya D Sanil  
4CB21CB016



Ms. Nikhitha Ganapathi Bhat  
4CB21CB029



Ms. Swedel Lawrence Dsouza  
4CB21CB055



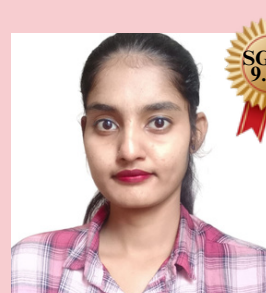
Mr. C Thushar  
4CB21CB007



Ms. Nidhishree Mohan Shet  
4CB21CB027



Mr. Sanket Jagadesh Nai  
4CB21CB049



Ms. Kratika Ravi Naik  
4CB21CB021



### 4th Sem Topper's



Diya H S  
4CB22CB021



Melisha  
4CB22CB037



Mohini Ganapati Pai  
4CB22CB038



Prathiksha Harish Baleri  
4CB22CB044



## STUDENT ACHIEVEMENTS



**Ms. Charanya K Naik** Completed Data Base Management System Online NPTEL Course.



**Ms. Ashika Rai** Completed Programming in Java Online NPTEL Course.



**Ms. Ananya N** Completed Programming in Java Online NPTEL Course.





## STUDENT PARTICIPATION

### Technical Events

- Ms. Melisha, Mr.Varun Raj, Ms.Charanya K Naik, Mr.M Vaibhav participated in INFOTHON 3.0,Competition held at Vidyavardhaka College of Engineering on 13-14th July 2024.
- Ms. Anora Andrea D'souza, Ms.Prathiksha Prabhu, Mr.Premnath Kini, Ms.Pooja D J,Ms.Dhanashree Naik,Ms.Dhanvitha K N, Ms.Prathiksha Prabhu, Ms.Shravya H T,Ms.Kavya M Bhat, Ms.Raskshitha,Ms.Madhura Shetty, Ms.Shraavya K N Bhat,MS. Thrisha R S successfully completing the UiPath Academy Automation Explorer Training.
- Mr.Chathur S,Ms.Kavya M Bhat Successfully Completing the Explorer Automation Development with UiPath.
- Ms.Charanya K Naik,Mr.Anirudha Udupa,Ms Ananya P S,Ms.Prathiksha Harish Baleri, Mr.Navaneeth Arya,Mr.VARun Raj,M Vaibhav has participated in Two-Day workshop on "Unlocking The Basics of Machine Learning" organized by department of AI&ML, CEC.
- Ms.Melisha for attending Business Intelligence Internship Program with PwC Academy Certification Organized by Edureka, Successfully Completing the Postman Classroom Program Conducted by Centre for open –source Software and Hardware, NITK Surathkal in collaboration with postman,prticipation in the qualifier round of "Maria Philip future Leaders Debate Competition 2024-25,Participation in GUVI's-"Breaking into Business Analysis Tips and Tricks for a successful Transition".
- Ms.Thrisha R S,Ms.Akriti S Shetty successfully completing the Postman Classroom Program Conducted by Centre for open –source Software and Hardware, NITK Surathkal in collaboration with postman.
- Ms.Pooja D J for successfully completing the program Infosys Spring board Young Industry Enthusiast-Banking on May 30,2024.

### Cultural Event

Ms. Anora Andrea D'souza has secured first place in the event Onam Attire fashion parade. conducted by fine arts club in CEC.

### Online Certifications

- Mr. Varun Shetty successfully obtained certification on Connect and Protect:Networks and Network Security .
- Ms. Prathiksha Harish Baleri successfully obtained certification on Google AI Essentials,Java Fundamentals by Cuddy Team,Basics of Digital Marketing.

## PLACED STUDENTS

Sl. No	Name	Company Name
1	Mr.Himanshu	MU Sigma
2	Mr.Abhishek A B	
3	Mr.Nikhil N Pai	Invenger Technologies
4	Ms.Diya D Sanil	Cognizant
5	Ms.Shravya K	
6	Ms.Swedel Lawrence D Souza	Poornam Info Vision





7	Ms.Shravya R
8	Mr.Sanketh Jagadish Naik
9	Ms.Suraksha P Shetty
10	Mr.Sathwik
11	Mr.Aayush
12	Mr.Aditya
13	Mr.B Sandeep S Kamath
14	Mr.C Thushar
15	Mr.Karthik A Kotharkar
16	Mr.Manohara
17	Mr.Mohammed Hashim Ali
18	Ms.Nidhishree Mohan Shet
19	Ms.Nikhita Ganapati Bhat
20	Mr.Prasidh B N
21	Ms.Prathiksha D
22	Mr.Praveen Pai N
23	Ms.Priyanka Bharadwaj
24	Ms.Rutu Nagappa Naik
25	Mr.Saathvik

Academor

## Department Activity

### Hands-on IoT workshop

On July 2nd, 2024, the department of Computer Science and Business System at canara engineering college organized a "Hands-on IOT workshop" for 6th semester students in Skill lab. The resource person was Dr. Kiran M, Assistant Professor, Department of Information Technology, NITK, Surathkal. Mr. Tyson Baptist D'cunha, Research Scholar, Department of Information Technology, Surathkal. Ms. M Sirisha, Intern, Department of Information Technology, Surathkal. Mr. A Saikumar, Intern, Department of Information Technology, Surathkal. 59 students from 3rd year CSBS participated in this event. During the workshop, participants had the opportunity to learning, essential of collecting data from sensor and uploading to the cloud. Cloud management, data analysis and visualization, smart monitoring IoT sensors and data. The event was coordinated by Mrs. Aishwarya K, of CSBS department.







## Mini project Expo



The mini project expo was organized on July 10th, 2024 for students of 4th semester CSBS students. The event started at 1 pm in CSBS dept labs. Total of 16 Teams participated in the expo.

## Stress Management

The session commenced with practical examples to highlight the significance of stress management techniques. We explored why managing stress is vital, its purpose, and practical application in daily life. Participants were encouraged to consider "what, where, how" before responding to stressors, promoting thoughtful and deliberate reactions. Common mistakes in managing stress, such as avoidance and procrastination, were highlighted, and participants were encouraged to analyze their own stress triggers. Establishing a routine for managing stress, including time management and relaxation practices, was emphasized as crucial for mental and physical well-being. The resource person highlighted various stress management techniques and encouraged participants to follow approaches that they feel most comfortable with, ensuring a personalized and effective stress management plan. Ms. Yojana KiranKumar, Assistant Professor, Dept. of CSBS, coordinated the event.



## Integrating Research Practices in Engineering



The Department of Computer Science and Business System organized a technical talk titled "Integrating Research Practices in Engineering" tailored specifically for our 3rd-semester CSBS students. Dr. H. Manoj T. Gadiyar, HOD and Associate Professor of the Department of Information Science and Engineering, led the session, sharing valuable insights on effective research methodologies. Students learned how to effectively approach research projects, utilize credible sources, and develop critical thinking skills. The talk emphasized the importance of integrating theoretical knowledge with practical application in research. The engaging discussion

fostered a lively exchange of ideas and encouraged students to ask questions, enriching their understanding of research in engineering. Total of 58 students benefited from the session. Ms. Yojana KiranKumar, Assistant Professor, Dept. of CSBS, coordinated the event.



## Natural Language Processing using Machine Learning

On 25-09-2024, the Department of Computer Science and Business System hosted an engaging technical talk on “Natural Language Processing using Machine Learning,” exclusively for our 5th-semester CSBS students. Dr. Praahas Amin, HOD and Associate Professor of the Department of Computer Science and Design, shared his expertise on the intersection of NLP and machine learning techniques. Students gained valuable insights into the fundamentals of NLP, explored various algorithms, and gained a knowledge on implementation of machine learning models in real-world applications. The interactive session fostered a collaborative learning environment, to ask questions and engage in discussions. Total of 57 students participated in the event. Ms. Yojana KiranKumar, Assistant Professor, Dept. of CSBS, coordinated the event.



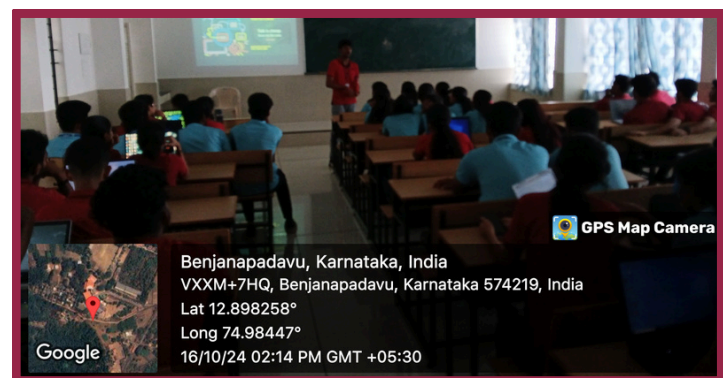
## Brain Spark 1



The October 9th, 2024 session of Brainspark was an incredible showcase of creativity and teamwork. Students gathered with enthusiasm, presenting innovative solutions with remarkable clarity and detail. Each team demonstrated a profound understanding of the challenges presented and collaborated seamlessly to develop practical ideas. The judges were highly impressed by the professionalism and ingenuity on display. The event was an excellent opportunity for participants to learn from one another, and the positive atmosphere left everyone motivated to continue innovating. The session ended with resounding applause and a shared sense of accomplishment.

## Coding 101

The Coding 101 event was held on 16th October 2024 a total of 45 students participated. Setting the Groundwork for Your Tech Career event was conducted for the 2nd and 3rd-year CSBS students. The event commenced at 2 PM, and a total of 45 students participated, gaining valuable insights and knowledge. Students acquired foundational skills in coding and a clearer understanding of the tech industry's expectations.







## The Entrepreneurial Journey - Combining Technology and Business for Impact



The Department of Computer Science and Business System and the Department of Computer Science and Design in association with Alumni Cell and Institution's Innovation Council organized a talk on "The Entrepreneurial Journey - Combining Technology and Business for Impact". Mr. Kashyap Hebbar K, Founder & CEO of Jagadhathri Infosolutions Pvt. Ltd. and alumnus of CEC was the resource person for the event. The objective of the program was to encourage students to think critically about how they can leverage technology to address real-world problems, fostering a mindset geared towards innovation and impact. Mr. Kashyap shared his invaluable insights and entrepreneurial experiences with students which motivated the students to take up innovation and entrepreneurship. His inspiring journey highlighted the powerful synergy between technology and business in creating meaningful change. Mr. Hebbar discussed current trends at the intersection of technology and

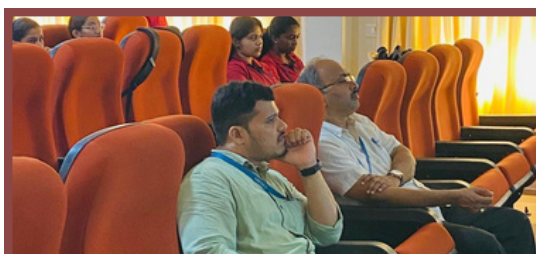
business, equipping students with knowledge that can help them stay relevant in an evolving job market. A total of 108 students participated in the event. Mrs. Pooja Kini, Assistant Professor, Department of CSBS coordinated the event.

## Thrill-a-thon A Brain-game



Thrill-a-thon brain game event was held on October 23rd, 2024 the following events were conducted 1. Pick-n-Speak – Unleash your spontaneity! Group Games: 1. Doodle-duel - Show your creativity! 2. Brain-Brawl – Test your knowledge!.

## Brain Spark 2



The Brainspark event held on October 23rd, 2024 was another resounding success, showcasing the boundless potential of young innovators. Participants worked tirelessly to present well-thought-out ideas that were both imaginative and feasible. The energy in the room was infectious as teams enthusiastically explained their concepts and defended their approaches when receiving questions from the judges. The judges and mentors praised the depth of research and effort evident in every presentation. This session reinforced the importance of collaborative brainstorming and the value of creative thinking in addressing complex problems. The event concluded on a high note, leaving participants eager for the next challenge.





## Ayudha pooja



A series of activities were organized to enhance the spiritual ambiance and involve everyone in the celebrations. The event began with students offering bhajans, which added a melodic and spiritual touch to the atmosphere. This was followed by the recitation of traditional mantras and prayers, seeking blessings and expressing gratitude for the tools and instruments. After the rituals, prasad was distributed to all staff and students, symbolizing divine blessings and the sharing of prosperity.

## Brain Spark 3



Benjanapadavu, Karnataka, India  
Vxxm+7hq, Benjanapadavu, Karnataka 57  
Lat 12.898426° Long 74.984715°  
06/11/24 02:33 PM GMT +05:30



Benjanapadavu, Karnataka, India  
Vxxm+7hq, Benjanapadavu, K  
Lat 12.898274° Long 74.9845  
06/11/24 02:25 PM GMT +05:

The November 6th, 2024 edition of Brainspark brought together some of the brightest minds for yet another inspiring session. The students tackled the challenges with an impressive level of confidence and creativity. Their innovative solutions reflected a deep understanding of the topics and a commitment to making a positive impact. Judges highlighted the meticulous planning and teamwork evident in the presentations. The camaraderie among participants was a standout feature, creating an environment that fostered both learning

and innovation. As the session wrapped up, the enthusiasm and optimism in the room were undeniable, marking the event as yet another triumph in the Brainspark series.





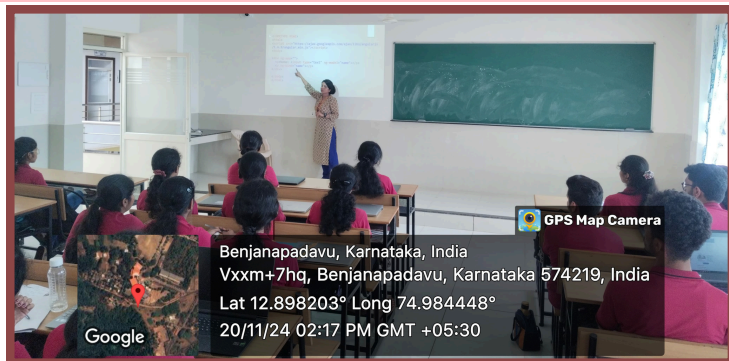


## Professional Report And Article Writing Using Latex



The event was conducted on 15th November 2024. A total 56 students participated gained knowledge on Latex. It allows users to focus on content while latex handles the formatting, it will be useful to students for preparing reports ,papers & articles.

## Building Dynamic web Applications with Angular JS



The Event was conducted on 20th November 2024 for interested 3rd year students. Total 55 students from CSBS had attended the workshop. The session was about basics of AngularJS and students gained practical knowledge on developing single page web application.

## Exposure visit to Incubation units and CoEs



## Industrial Visits

An industrial visit was organized for the students of 2nd year CSBS on 23rd November 2024 to MAHE Institution, Manipal. The purpose of this visit was gain insight s into the state-of-the-art facilities and research methodologies adopted by one of India's premier educational institutions. The session was highly informative and inspired students to pursue innovative and research in respective fields.







## Effective sales and marketing strategies for entrepreneurs and startups



The department organized workshop on 27th November "Effective sales and marketing strategies for entrepreneurs/startup". The purpose of this talk is to provide 2nd year and 3rd year CSBS students with a comprehensive understanding of how to build effective strategies on sales and business, thereby enhancing their knowledge and inspiring innovation thinking in their field of study. Objective of the workshop is to provide knowledge on building brand awareness, to understand and targeting the right audience, to raise awareness on differentiating the startup from competitors, to building customer trust and loyalty & to maximizing return on Investment(ROI).

## Exam strategies



Department of Computer Science and Business System organized a talk on Exam strategies, total 61 students of CSBS utilized this talk. Objectives of this talk is: Improving Time Management. Maximizing Retention and Recall. Minimizing Exam Anxiety. Improving Reading and Understanding of Questions. Boosting Exam Focus and Concentration. Mastering Exam Techniques for Different Question Formats. Effective Revision and Preparation. Improving Speed and Accuracy in Answering. Self-Assessment and Reflection. Building Confidence.

