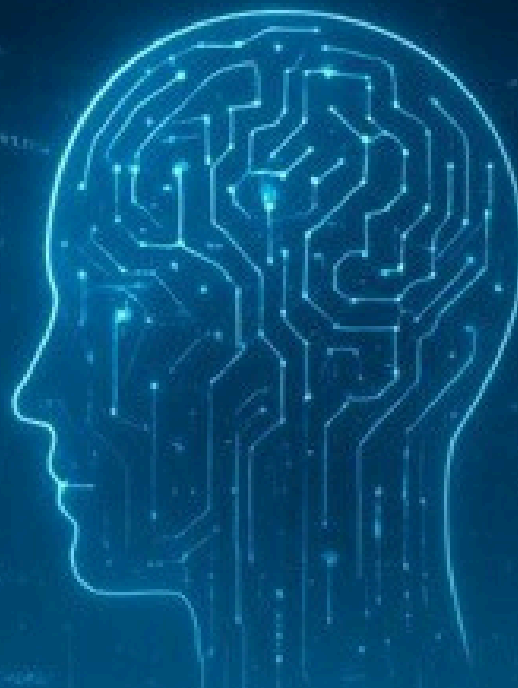


# CODE AND BEYOND

MAGAZINE  
2024



**BEARY'S INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Since 1906  
**Bearys**  
Education

Quality  
Personality  
Integrity

Bearys  
Institute  
of Technology  
MANGALORE, INDIA



City of Mind + City of Heart

Bear's Institute of Technology



ಬೆಂಗಳೂರು ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ

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Bear's Institute of Technology



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# INSTITUTE



## ***VISION***

To be a premier institution in engineering education and research, fostering innovation, societal responsibility, and ethical leadership for a sustainable future.

## ***MISSION***

- Creating a stimulating academic environment by achieving excellence in the teaching-learning process to meet the growing needs of the industry and society. Fostering innovation and creativity through constant research with competent human resources and
- state-of-the-art infrastructure  
Transform and steer society towards a sustainable green environment and
- instil value-based education for a better world



# DEPARTMENT

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## ***VISION***

To be a center of excellence that hones leaders in the field of Computer Science and Engineering, and information technology, and grooms' cognizant men and women with the highest ethics and moral values to contribute to the advancement of society. and mankind



## ***MISSION***

- Promote innovation and cutting-edge research to develop sustainable engineering solutions for real-world and global challenges.
- Cultivate ethical leadership and technical excellence among students to become responsible and leading engineering professionals.
- Encourage active societal engagement and industry collaboration to drive inclusive growth and environmental responsibility.



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# PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. Graduates will build robust and efficient computing systems by applying strong technical knowledge, ethical practices, and problem-solving skills in professional environments.
2. Graduates will pursue advanced studies, research, or innovation-driven careers, contributing to sustainable development and technological progress.
3. Graduates will demonstrate leadership, adaptability, and a commitment to lifelong learning while working in interdisciplinary teams and global contexts.

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# PROGRAM SPECIFIC OUTCOMES (PSOs)

1. Professional IT development and problem-solving skills.
2. Preparing graduands for higher education and competitive exams.
3. Successful career and Entrepreneurship.

# PROGRAM OUTCOMES(POs)

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- **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 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.

# PROGRAM OUTCOMES(POs)

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- **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



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## **Dr. Aziz Musthafa**

### **Head, Department of Computer Science**

It is my pleasure to welcome you to Bearys Institute of Technology (BIT). I am honored to serve as the Principal of this vibrant and student - centered institution. Since its inception in 2009, BIT has swiftly emerged as a distinguished destination for those who

seek quality higher education and holistic development. We take pride in our commitment to academic excellence, coupled with emphasis on building character and integrity. At BIT, we strive to nurture not only successful professionals but also responsible citizens and future leaders. I invite you to join our community and experience an environment where knowledge, innovation, and values go hand in hand for your personal and professional growth.

It is both an honor and a privilege to lead a department that stands at the forefront of innovation, education, and discovery in the ever evolving field of computer science. As I look around—across our classrooms, laboratories, research centers, and collaborative spaces—I am continually inspired by the passion, creativity, and dedication that define our academic community. To our faculty members: Your unwavering commitment to excellence in teaching, groundbreaking research, and mentorship is the cornerstone of our success.

You are not only shaping the minds of future technologists but also pushing the boundaries of what is possible—from artificial intelligence and cybersecurity to data science, human-computer interaction, and sustainable computing. Your scholarship and leadership elevate our department's reputation and open new pathways for interdisciplinary collaboration and real world impact. To our Undergraduate students: You are the future of technology. Every line of code you write, every algorithm you design, and every project you build brings you one step closer to becoming innovators and problem-solvers in a digital world. Never underestimate the power of curiosity.

Ask bold questions, embrace challenges, and take advantage of the resources, labs, and mentorship available here. This is your time to explore, experiment, and grow.

# TEACHING STAFF



**Dr. Aziz Musthafa**  
Professor & HOD



**Mr. Afsar Baig**  
Assoc. Professor



**Mr. Mohammed Sinan**  
Assoc. Professor



**Dr. Nubila Jaleel**  
Assoc. Professor



**Ms. Umme Najma S K**  
Asst. Professor



**Mr. Jalaluddin BM**  
Asst. Professor



**Mrs. Akshatha S A**  
Asst. Professor



**Ms. Nusaiba**  
Asst. Professor



**Mrs. Umaira**  
Asst. Professor

# TEACHING STAFF



**Mrs. Arpana Shetty**  
Asst. Professor



**Mr. Hasan Zaheer**  
Asst. Professor



**Mrs. Ruksar Anjum**  
Asst. Professor



**Mrs. Mumthaz M**  
Asst. Professor



**Ms. Hannath B A**  
Asst. Professor



**Ms. Thasreefa M**  
Asst. Professor

# NON -TEACHING STAFF



**Mr. Manohara**  
System Administrator



**Mr. Mahammad Imthiyaz**  
System Administrator



**Mr. Mohammed Ali**  
Foreman



**Ms. Ayshath Fahiza**  
Lab Instructor



**Ms. Fathimath Asreena**  
Lab Instructor



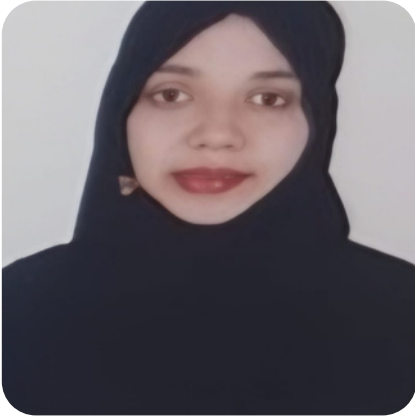
**Ms. Sadika**  
Lab Instructor



**Ms. Reema Fathima**  
Lab Instructor

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# VTU RANK HOLDERS



Ms. Arzoo  
PG-2nd Rank (2023)



Ms. Fathima K  
PG -7th Rank (2023)

# FOOD FEST

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The "Bearys Campus Connect" program held at Bearys Knowledge Campus (BKC) in Mangalore included a vibrant food festival as one of its major highlights. This comprehensive event, held on Feb 2024 , brought together students, parents, and educators for an enriching experience that went beyond traditional academic programming.

Food fests at Bearys Institute of Technology (BIT), including those involving Computer Science students, are organized mainly under the college's Social Connect and Responsibility (SCR) activities and campus events like Campus Connect and Bearys group programs. The CSE Department has taken part in SCR Food Fests, where CSE students set up stalls, prepare items, handle pricing, and interact with visitors as part of a social responsibility and community-building activity. Such events help CS students build soft skills like teamwork, communication, planning, and basic entrepreneurship (budgeting, marketing their stall, handling customers) beyond technical academics.

# TRIFESTA

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On October 28, 2023, Bearys Knowledge Campus came alive with vibrant colors, festivities, and an atmosphere of unity as students, faculty, and staff gathered to celebrate TRIFESTA-2023. This unique event combined the joyous occasions of Dasara, Deepavali, and Onam, bringing together the rich cultural diversity that makes the campus a unique place of learning and celebration. Principals of Engineering, BCA, and Architecture Departments Grace the Occasion with Inspirational Speeches. “TRIFESTA-2023,” was a day filled with cultural performances, and inspirational speeches. The campus was beautifully adorned with traditional decorations, and a sense of togetherness permeated the air. The celebration commenced with speeches from the esteemed Principals of the Engineering, BCA, and Architecture departments. They shared their insights on the importance of these festivals and wished the campus community a harmonious and prosperous year ahead. TRIFESTA-2023 served as a reminder of the importance of unity and cultural diversity. It provided an opportunity for students, faculty, and staff to come together, celebrate their shared heritage, and strengthen the bonds that make Bearys Knowledge Campus a unique and welcoming community.

# BEACH CLEANING



On August 27, 2023, at 7:30 AM on a Sunday morning, the Bearys Group of Institutions orchestrated a remarkable event—the Ullal Beach Clean Up Day. This collaborative effort involved multiple institutions within the Bearys educational network, showcasing how collective action can amplify environmental impact.

The early morning timing demonstrated the participants' dedication, with students and faculty gathering at dawn to begin the cleanup before the beach filled with visitors. This strategic timing maximized the impact of the cleanup while also serving as a visible example to early morning beachgoers about the importance of environmental conservation.

# CSE INAUGURATION



The Computer Engineering Association- Bearys Institute of Technology (CEA- BIT) for the academic year 2023-24 was officially inaugurated on the 30th of November 2023. The inaugural ceremony took place at the International Seminar Hall, Beary's Knowledge Campus, marking the commencement of a year-long series of events and activities organized by the association. The dignitaries present to grace this occasion included Principals from various institutions, as well as esteemed guest alumni, Mr. Mohammed Shahid and Ms. Abida Shama. Dr. Manjur Basha S I, Principal BIT provided guidance to the CEABIT department coordinator, Prof. Umaira, Assistant Professor Dept of CSE, and the student bodies, offering valuable insights and direction for the successful execution of the association's activities throughout the academic year. Various events were conducted in the afternoon session, showcasing the diverse talents and skills of the participants. The winners of these events were recognized and honored with prizes as a token of appreciation for their outstanding performances. Prof. Umme Najma, Assistant Professor Dept of CSE, delivered a gracious vote of thanks, expressing gratitude on behalf of the Computer Engineering Association.

# DELIVERED AN INSIGHTFUL ORIENTATION PROGRAM.



Mr. Shameer Ahmed, Managing Director of Codelab Systems, delivered an insightful orientation program to approximately 90 students from the Computer Science and Electronics & Communication Engineering departments. During the event, Mr. Shameer Ahmed highlighted the significance of data analytics and full-stack web development in the industry, providing valuable insights into the internship process. Notably, Dr. Abdullah Gubbi, Head of the ECE department, graced the occasion. The program commenced with a warm welcome from Professor Afsar Baig M of the CSE department, who introduced and invited the esteemed guest.

# “DON'T REMAIN AS AN AVERAGE ENGINEER”



Computer Science and Engineering Department with Department of Training and placement in association with CEA – BIT, CSE Department organized a talk on “Don’t Remain As An Average Engineer” to BE – CSE and BE – ECE students on 04.01.2024. Mr. Mohammed Saqib – Delivery Manager, Pace Wisdom Solutions Pvt Ltd, Mangalore was the resource person. During his session, Mr. Saqib encouraged and guided students towards their Career. Emphasized students to enhance their Technical Skills, Soft Skills which in turn will help as a weapon during interviews.

Mr. Saqib advised students to be disciplined not motivated, as effect of motivation will be for short term. Prizes were distributed of the various technical events conducted by CEA BIT. Dr. S I Manjur Basha, Principal, Bearys Institute of Technology, Mangalore Dr. Aziz Mustafa, HOD-CSE, Dr. Abdullah Gubbi – HOD – ECE, Assoc. Prof Mohammed Sinan – CSE Department, Prof. Safra – HOD – AI & DS graced the occasion. Prof. Ashwini, Placement Manager welcomed the gathering. Prof. Umaira – Faculty Coordinator, CEA BIT proposed Vote of Thanks. Ms. Afeefa from 3rd Sem CSE was the Master of Ceremony.

# WELCOMING SECOND YEAR STUDENTS TO DEPARTMENT



The Department of Computer Science faculties organized a “Welcoming Second Year Students” Program on 16-11-2023 to the students of Computer Science Engineering and Artificial Intelligence & Data Science departments.

The program was conducted in the International Seminar Hall, with the Principals of various institutions of Bearys Group of Education, HODs of various departments of BIT, and teaching and non-teaching staff of the Computer Science and AI&DS department in attendance.

The program commenced at 10:30 AM with a prayer song and Assoc. Prof Mohammed Sinan Marikattay, Computer Science and Engineering, extended a warm welcome to all the dignitaries and the newly arriving students. This was followed by inspirational and motivational talk by Dr. Manjur Basha S I, Principal BIT. Dr Aziz Musthafa, HOD-CSE told about the recent technology development exponentially in both departments.

In the afternoon session, various entertaining activities were conducted for both students and faculty members. The winners of these activities were awarded prizes. The program concluded with a vote of thanks delivered by the Assoc. Prof Mohammed Sinan CSE Department.

# INSTITUTE-INDUSTRY INTERACTION



“On August 31, 2023, an important meeting took place at the newly established office of Shine Infotech. This meeting brought together the esteemed academics, Assoc. Prof Mohammad Sinan and Assoc. Prof Afsar Baig M, with Mr. Akshay Patil, a representative of Shine Infotech. The primary focus of this meeting was to evaluate and discuss the progress of ongoing student internships.

During the meeting, Assoc. Prof Sinan and Assoc. Prof Afsar Baig M ,CSE Department exchanged insights and feedback with Mr. Patil, fostering a deeper understanding of the internships’ impact on both the students and the company. Additionally, the trio engaged in constructive conversations aimed at cementing a long- lasting relationship between the academic institution and Shine Infotech. This partnership aims to facilitate future industry- institute interactions, benefiting both parties and contributing to the growth and development of students.

# REPORT ON INTRODUCTION TO BLOCKCHAIN



The Department of Computer Science and Engineering has organized One day workshop on “Intro Into Blockchain” in association with IEEE bit student branch and CEABIT for the faculty members as well as for the students. The official ceremony is conducted in Block B Internation Seminar Hall followed by workshop in block-A, Mobile Application Development Laboratory, Beary’s Institute of Technology, Mangalore on 29 April 2023. The resource person for this event was Mr. Hardik Singh and Mr. Chirag Ravishankar. The program was presided by Dr. Aziz Musthafa HOD-CSE of, BIT Mangalore and Assoc. Prof Sinan has given the behavioral guidelines to the students and it also coordinated by Asst Prof. Umme Najma faculty coordinator of IEEE bit student. The program was commenced by welcome speech by Mr. Mohammed Junaid , member of CEABIT 8th sem CSE, followed by introduction of guests which was done by Mr. Mohammed Hashik 8th sem CSE, secretary of CEABIT and the program was hosted by Ayshath Surayya student of 8th sem CSE. In this session Mr. Hardik Singh and Mr. Chirag Ravishankar has delivered brief introduction about the blockchain technology followed by practical session. At the end of the session guest are honored by Assoc Prof . Sinan CSE Department .

# STUDENT COUNCIL WITH PARENT



The Department of Computer Science and Engineering organized a Parents Meet on 7th Feb 2024 with the objective of strengthening the relationship between parents, students, and faculty members. The event aimed to provide a platform for discussing students' academic progress, attendance, and overall development while fostering better communication and collaboration between the institution and parents. The program began with a welcome address by the Head of the Department, who briefed the gathering about the department's achievements, teaching methodologies, and initiatives to enhance student learning outcomes. Faculty advisors presented detailed reports on students' academic performance and discussed measures for improvement. Parents actively participated in the interactive session, sharing their feedback and appreciating the department's continuous efforts in nurturing students both academically and personally. Discussions also focused on the importance of discipline, career guidance, and industry readiness. The meet concluded with a vote of thanks, expressing gratitude to parents for their cooperation and encouragement. The event successfully reinforced the partnership between the department and parents in shaping the students' academic and professional growth.

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# PARENTS–TEACHERS MEET



The Department of Computer Science and Engineering organized a Parents–Teachers Meet on 25th January 2024 to strengthen the bond between parents, teachers, and students. The primary objective of the event was to discuss students’ academic performance, attendance, and overall progress, while also encouraging parental involvement in their wards’ education. The program began with a welcome address by the Head of the Department, who emphasized the importance of collaboration between parents and teachers in shaping students’ academic success and personal growth. Faculty members presented detailed reports on students’ performance, shared observations, and offered suggestions for improvement.

Parents actively participated in the discussions, appreciating the department’s efforts in maintaining a strong academic environment. They also provided valuable feedback on teaching methods and student support initiatives. The meeting concluded with a vote of thanks, acknowledging the contributions of both faculty and parents. The event fostered a spirit cooperation and mutual understanding, reinforcing the shared holistic development and future success.

# CEA-BIT INAUGURATION



The CEA-BIT (Computer Engineering Association Bearys Institute of Technology) association has been organized student body inauguration by the computer science department on 28-11-2022 at international seminar hall BIT, in the presence of chief guest Mr.Imran Baig Dr.Manjur Bhasha , principal of BIT and Dr. Aziz Musthafa Head of Department Computer Science and Engineering.

The inaugural function commenced with prayer song, welcome address was delivered by Assoc.Prof Mohammed Sinan, CSE department followed by introducing the chief guest, CEABIT and student body done by Assoc.Prof Afsar Baig CSE department. chief coordination Assoc.Prof Nubila Jaleel and Asst.Prof Umaira Assistant Professor Department of CSE. Students body involves President Mr. Saad Adam from 4th year, vice presidents Ms. Shireen Fathima and Mr. Ajmal from 4th and 3rd year respectively, secretary Mr. Hashik treasurer Mr. Sajjad and Mr. Arfaz from 4th and 3rd year respectively and members Mr. Abishek, Ms. Minnah, Mr.Rashid, Ms. Afeefa and Mr. junaid.

Oath taken by Dr. Aziz Musthafa HOD of CSE, an inspirational talk was delivered by principal of BIT Dr.Manjur Basha followed by refreshment. The chief guests Mr. Imran Baig spoke on various skills that need to be developed in every individual. Assoc.Prof Mohammed Sinan CSE Dept presented a small token of appreciation to our chief guests Mr. Imran Baig.

# SPORTS ACTIVITIES

Academic Year (2023-2024)		
GAMES	MEN/WOMEN	PLACE
Inter Class Throw Ball Tournament	WOMEN	WINNER
Inter Class Volleyball Tournament	MEN	Participation
Bearys Cricket League 2023-24	MEN	Participation
Athletics	Men	Winners
Athletics	Women	Winners
Football	Men	Participation
Volleyball	Men	Winners
Cricket	Men	Runners-up
Throw Ball	Women	Winners
Tug of War	Women	Winners
Tug of War	Men	Participation
Kabaddi	Men	Participation
Badminton	Men	Participation
Badminton – Singles	Women	Runners-up
Badminton – Doubles	Women	Winners
Table Tennis – Singles	Women	Runners-up
Table Tennis – Doubles	Women	Winners
Table Tennis – Doubles	Men	Winners
Chess	Women	Participation
Chess	Men	Runners-up
Carrom – Singles	Women	Winners
Carrom – Doubles	Women	Participation
Ludo – Singles	Women	Participation
Ludo – Doubles	Women	Winners
GAMES	MEN/WOMEN	PLACE
Athletics	Men	Winners
Athletics	Women	Winners

# OPEN TOURNAMENT

GAMES	MEN/WOMEN	PLACE	VENUE
VTU Mangalore Division Cricket Tournament,	Men	Runner-Up	SAHYADRI COLLEGE OFENGINEERING &MANAGEMENT, Mangalore,
VTU Inter-Collegiate State Level Cricket Tournament	Men	Participation	Jaya Ramaraja Engineering College Cricket Stadium Mysoor,
VTU Inter-Collegiate State Level Powerlifting Championships	Men	3rs place	GOGTE Institute of Technology <u>Belagavi</u>
South Zone / All Inter-University Tournament of Football	Men	Participation	Yenapoya University Mangalore
Independence Cup Football Tournament 2023	Men	Participation	Football Pavilion Nehru Ground Mangalore.
VTU Mangalore Division Football Tournament	Men	Participation	P.A COLLEGE OFENGINEERING Mangalore
VTU State Level Athletics Championship	Men	2 Place	Chamundi Vihar Mysore
VTU Mangaluru Division BADMINTON Tournament	Men	Participation	Johns Sports & Culture Academy Karkala,
VTU Mangaluru Division KABADDI Tournament	Men	Participation	ST. JOSEPH Engineering COLLEGE, MANGALURU
VTU Mangaluru Division Kho-Kho Tournament	Men	Participation	Vivekananda College of Engineering & Technology, Puttur
VTU Mangalore Division THROWBALL Tournament	Women	Participation	SAHYADRI COLLEGE OFENGINEERING @MANAGEMENT, Mangalore
VTU Mangalore Division VOLLEYBALL Tournament	Men	Participation	SDMIT UJIRE



**VTU State Level Athletics Championship**



**VTU Mangaluru Division Kabaddi Tournament**



**VTU Mangalore Division Throwball Tournament**

# NATIONAL YOGA DAY AND CLEAN BEACH

Academic Year (2023-24)			
Sl. No.	Date	Event	Organizer
1.	21.06.2023	International Yoga Day	<u>Bearys</u> Institute of Technology and NSS Unit
2.	27.08.2023	Clean Beach Green Beach	<u>Bearys</u> Institute of Technology and NSS Unit
3.	27.02.2024	Drug Free Campus	<u>Bearys</u> Institute of Technology and NSS Unit
4.	26.01.2024	Clean Beach Green Beach	<u>Bearys</u> Institute of Technology and NSS Unit
5.	25.02.2024	Clean Beach Green Beach	<u>Bearys</u> Institute of Technology and NSS Unit
6.	12.01.2024	National Youth Day	<u>Bearys</u> Institute of Technology and NSS Unit



# ORIENTATION PROGRAM



The Department of Computer Science and Engineering organized an Orientation Program on 18th September 2024 to welcome the newly admitted students and introduce them to the department's academic culture, vision, and values. The program aimed to help students transition smoothly into their academic journey and understand the opportunities available in the field of computer science. The event began with an invocation song, followed by a welcome address by the Head of the Department, who briefed the students about the department's achievements, faculty expertise, and infrastructural facilities.

Faculty members highlighted the importance of discipline, teamwork, and continuous learning. Interactive sessions were held to familiarize students with the curriculum structure, internship programs, research opportunities, and co-curricular activities offered by the department. Senior students also shared their experiences, motivating the newcomers to participate actively in academic and extracurricular initiatives. The program concluded with a vote of thanks and a campus tour, leaving the students inspired and excited for their new academic journey in the world of technology.

# INFOSYS SPRINGBOARD – EMPOWERING FUTURE INNOVATORS



On 21st February 2024, the Department of Computer Science and Engineering organized a special session in collaboration with Infosys Springboard, an initiative by Infosys aimed at enhancing digital learning and career readiness among students. The program focused on bridging the gap between academic learning and industry expectations through skill-based education and mentorship.

The Infosys Springboard Session 2024 was an inspiring and impactful event that aligned perfectly with the institution's goal of producing skilled and industry-ready graduates. By connecting academia with real-world learning platforms, the CSE Department reaffirmed its commitment to nurturing innovation and lifelong learning among students.

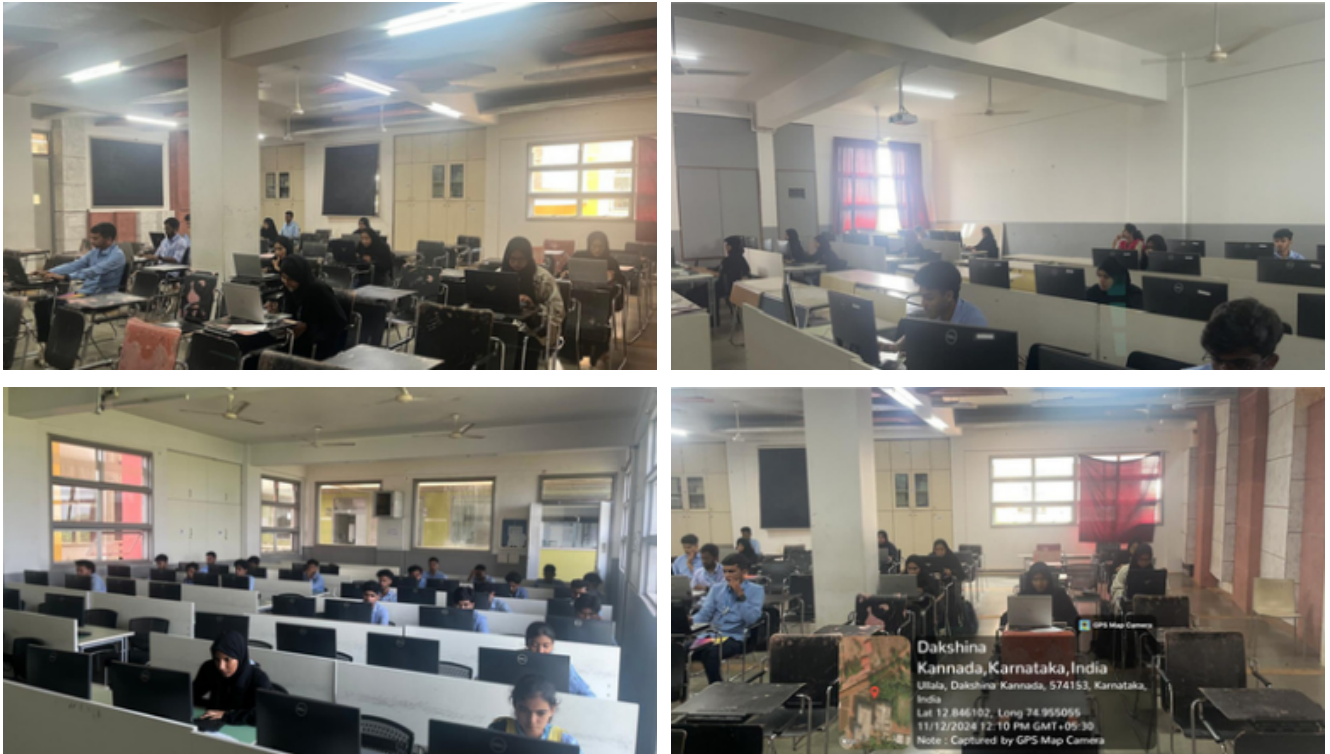
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# PLACEMENT DRIVE-CSE DEPARTMENT



The Computer Science Engineering (CSE) Department has seen great success in its 2024 placement drive. Most students got job offers from top companies in software, data science, and AI fields. Many well-known companies participated and offered roles such as software developer, data analyst, and AI engineer. The average salary packages were very competitive, encouraging students to give their best. The department prepares students well through coding practice, interview training, and real-world projects. This helps students to confidently face the selection process. Overall, the placement drive reflects the hard work of students and good industry connections, promising bright careers ahead.

# PLACEMENT DRIVE-JUEJO STUDIOS



In 2024, the Computer Science Engineering (CSE) Department also witnessed strong placement outcomes. Many students secured positions with leading technology firms and startups, with placement rates generally above 85% across reputed institutions. Key features of the 2024 placements included recruitment by global companies offering roles like software developer, system analyst, and data scientist. reflecting the growing demand for skilled talent in emerging technologies like AI, machine learning, and cloud computing. Overall, 2024 set a strong foundation leading into the highly successful 2025 placement drive, highlighting consistent efforts in training, collaboration with industry, and evolving curriculum to match technological advancements.

# PROJECT EXHIBITION CSE DEPARTMENT



The Computer Science Department stands at the forefront of technological education and research, committed to shaping the next generation of innovators and problem-solvers. With a robust curriculum that integrates theoretical foundations with practical applications, the department provides students with a strong base in programming, algorithms, data structures, and emerging technologies like artificial intelligence, machine learning, and cybersecurity. Beyond academics, the department fosters a vibrant culture of innovation through workshops, hackathons, coding competitions, and project exhibitions. Students are encouraged to explore interdisciplinary research and collaborate on real-world problems, often partnering with industry leaders for internships and live projects. The faculty comprises experienced educators and researchers dedicated to mentoring students and advancing knowledge through cutting-edge research. State-of-the-art labs and resources ensure hands-on learning and skill development, preparing students for dynamic careers in software development, data science, system design, and more. Overall, the Computer Science Department is a hub of creativity, technical excellence, and lifelong learning, empowering students to thrive in a rapidly evolving digital world.

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# RADIANCE



Bearys Institute of Technology recently marked a significant milestone with a memorable logo launch ceremony. Faculty, staff, and students gathered to witness the unveiling of the new emblem, which symbolizes the institute's vision, values, and aspirations for the future. The logo launch event began with a warm welcome and the unveiling by senior faculty and dignitaries, followed by applause and group interactions. The new logo, designed to reflect innovation, unity, and progress, is set to inspire the entire campus community and reinforce the institute's unique identity. Such an event encourages a sense of belonging and pride, uniting all stakeholders under a renewed banner of excellence. The launch also provided an opportunity to discuss the meaning behind the design, the creative process, and the collective mission moving forward. With the new logo, Bearys Institute of Technology reaffirms its commitment to advancing education, fostering collaboration, and embracing the challenges of tomorrow.

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# SALES FORCE IN CONTINUATION TO ONLINE CLASSES



Salesforce Training: Extending the Online Learning Experience Following the successful implementation of online classes, the Computer Science Department at Bearys Institute of Technology launched a specialized Salesforce training program to further enhance students' industry readiness. This initiative provided students with hands-on exposure to Salesforce, a leading cloud-based customer relationship management (CRM) platform widely used in the tech industry.

The training helped students acquire practical skills in configuring dashboards, managing customer data, and implementing business processes within the Salesforce ecosystem.

The initiative showcased the institute's commitment to blending online education with skill-based, real-world learning, preparing graduates to excel in evolving digital environments.

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# SPORTS DAY



The Sports Day 2024 was a grand celebration of athleticism, teamwork, and school spirit. Students from various departments participated enthusiastically in a wide range of sports and games, showcasing their talent, determination, and sportsmanship.

The event featured competitive matches in athletics, football, basketball, volleyball, badminton, and cricket among others. Beyond competition, Sports Day fostered a sense of camaraderie and healthy rivalry, bringing together the entire campus community in cheer and support .

Special awards were presented to outstanding performers, recognizing their dedication and achievements. The day also included fun activities and team-building games that promoted inclusivity and participation from all students.

Organized meticulously by the sports committee, Sports Day 2024 was a memorable experience that encouraged physical fitness, confidence, and the joy of sports, leaving everyone motivated for future events.

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# TALENT HUNT



The Talent Hunt 2024 was a spectacular event that brought together the diverse and creative talents of students across the campus. From singing, dancing, and poetry to magic shows and mimicry, the event showcased an impressive array of skills beyond academics.

Participants displayed passion, confidence, and originality, captivating the audience and judges alike. The competition created a vibrant atmosphere of encouragement and friendly rivalry, allowing students to express themselves freely and discover new strengths.

The event was judged by a panel of esteemed faculty and local artists, who appreciated the enthusiasm and creativity on display. Winners in various categories were awarded prizes and recognition, motivating all participants to continue honing their talents.

Talent Hunt 2024 not only entertained but also fostered a supportive community spirit, celebrating the unique abilities of each student and inspiring everyone to dream big.

---

# TEACHERS DAY



Teachers' Day 2024 was a heartfelt celebration dedicated to appreciating the invaluable contributions of educators in shaping the minds and futures of students. The day was marked by various events organized by students to express gratitude towards their teachers.

The celebration included cultural programs, inspiring speeches, and memorable performances that highlighted the respect and affection students hold for their mentors. Special awards and tokens of appreciation were presented to teachers who have shown exceptional dedication and impact.

Students also shared personal stories and experiences that reflected the positive influence of their teachers in both academic and personal development. The event fostered a warm atmosphere of mutual respect and encouraged stronger teacher-student bonds.

Teachers' Day 2024 underscored the vital role educators play in society, reminding everyone of the importance of guidance, patience, and encouragement in the pursuit of knowledge.

# TRAINING AND PLACEMENT



The Training and Placement cell plays a crucial role in preparing students for their professional careers by bridging the gap between academia and industry. Through focused training programs, workshops, and mock interviews, students develop essential skills in communication, technical aptitude, and problem-solving.

Collaborating closely with leading companies, the placement team organizes drives that connect students with top recruiters from sectors such as software development, data science, artificial intelligence, and more. Personalized career counseling, resume building sessions, and aptitude tests further empower students to face competitive selection processes confidently.

This systematic approach not only enhances employability but also ensures that students are industry-ready and equipped to contribute effectively from day one. The Training and Placement cell remains a vital support system, fostering career growth and helping students achieve their professional aspirations.

# UTHKARSH



UTHKARSH 24, an annual fest hosted by Bearys Group of Institutions, brought together talented students from inter-schools and PU colleges for a celebration of creativity, competition, and knowledge. The event was designed to ignite the quest for brilliance among young minds, providing a vibrant platform to showcase their academic, artistic, and sporting talents.

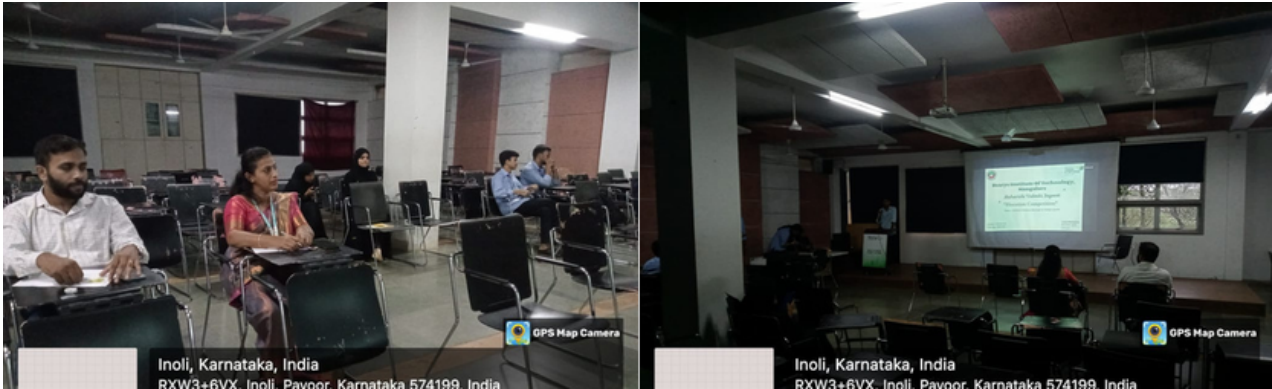
Participants engaged in various activities and contests ranging from debates, quizzes, and science exhibitions to cultural performances, sports events, and group projects. The fest fostered healthy competition, teamwork, and leadership, encouraging students to step beyond their comfort zones and excel in diverse fields.

The lively atmosphere and enthusiastic participation made UTHKARSH 24 a memorable occasion for all attendees, strengthening friendships and instilling a spirit of excellence. The fest also served as a bridge between schools and PU colleges, nurturing talent and motivating students to pursue their ambitions with confidence.

UTHKARSH 24 perfectly embodied the vision of Bearys Group of Institutions in empowering youth and inspiring them to become future leaders and innovators.

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# VALMAKI JAYANTHI ELOCUTION



The Valmiki Jayanthi elocution competition celebrated the life and teachings of Maharishi Valmiki, the legendary poet and author of the epic Ramayana. Organized as part of the festivities, this event encouraged students to express their thoughts on Valmiki's profound cultural and spiritual influence. Participants delivered passionate speeches on topics such as the values embodied in the Ramayana, the transformative journey of Valmiki from a seeker to a revered sage, and the message of compassion, righteousness, and perseverance in his works. The competition inspired students to reflect on timeless principles and relate them to contemporary life. Judges evaluated competitors based on clarity, content, and presentation skills, while the audience engaged actively—learning and appreciating the rich legacy left by Valmiki. Winners were honored for their eloquence and thoughtful insights, making the elocution a memorable tribute to one of India's greatest literary luminaries. This event not only fostered respect for cultural heritage but also encouraged students to cultivate their public speaking abilities and moral understanding.

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# VIRTUAL LAB WORKSHOP



The Department of Computer Science and Engineering organized a Virtual Lab Workshop on 08 May 2024 at the Central Library. The workshop aimed to introduce students to online virtual laboratory platforms and enhance their practical learning experience using simulation-based tools.

# VTU INTERNSHIP INSPECTION



The VTU Internship Inspection for the Department of Computer Science and Engineering was conducted on 21 October 2024 as per the guidelines of Visvesvaraya Technological University (VTU). The inspection aimed to verify the internship processes, documentation, student progress, and compliance with university requirements.

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# WORLD GREEN BUILDING WEEK



Department of Computer Science & Engineering Bearys Institute of Technology, Mangalore World Green Building Week (WGBW), celebrated globally from 09 to 14 September 2024, was observed with great enthusiasm by the Department of Computer Science and Engineering, Bearys Institute of Technology. The event aimed to create awareness on sustainable infrastructure, green technologies, and the role of digital innovation in promoting an eco-friendly future. The CSE Department's observance of World Green Building Week 2024 was highly impactful and informative. By integrating technology with environmental awareness, the department successfully motivated students to think beyond conventional engineering and contribute to a greener future. The week-long celebration reinforced the commitment of the institution towards sustainable development and environmental responsibility.

# PLACEMENTS



**Mohammed Mukshith K**

BE - CSE

Offered by



**Muyaddin Mazin**

BE - CSE

Offered by



**Nushrath Fathima**

BE - CSE

Offered by



**Mohammad Safwan**

BE - CSE

Offered by



# PLACEMENTS



**Annath Beebi**

BE - CSE

Offered by



**Syed Saqlain**

BE - CSE

Offered by



**Afreed Abdul Majid Mokas**

BE - CSE

Offered by



**Abhishek C A**

BE - CSE

Offered by



# PLACEMENTS



**Hannah Mohammed Nayeem**

BE - CSE

Offered by



**Syeda Nasreen Taj**

BE - CSE

Offered by



**Minnah Mohammed Nayeem**

BE - CSE

Offered by



**Mariyamath Shifana**

BE - CSE

Offered by



# PLACEMENTS



**Mohammed Arfaz Ahmed**

BE - CSE

Offered by



**Alimath Sambreena**

BE - CSE

Offered by



**Shafeena TS**

BE - CSE

Offered by



**Mohammed  
Arbaz B.A**  
Chikkamagaluru

# TOTAL NUMBER OF PLACEMENT DONE IN THE YEAR 2023-2024

52 Dreams Turned into Careers - Placement  
Milestone 2023-2024

★ **Placement Success: 86.67%**

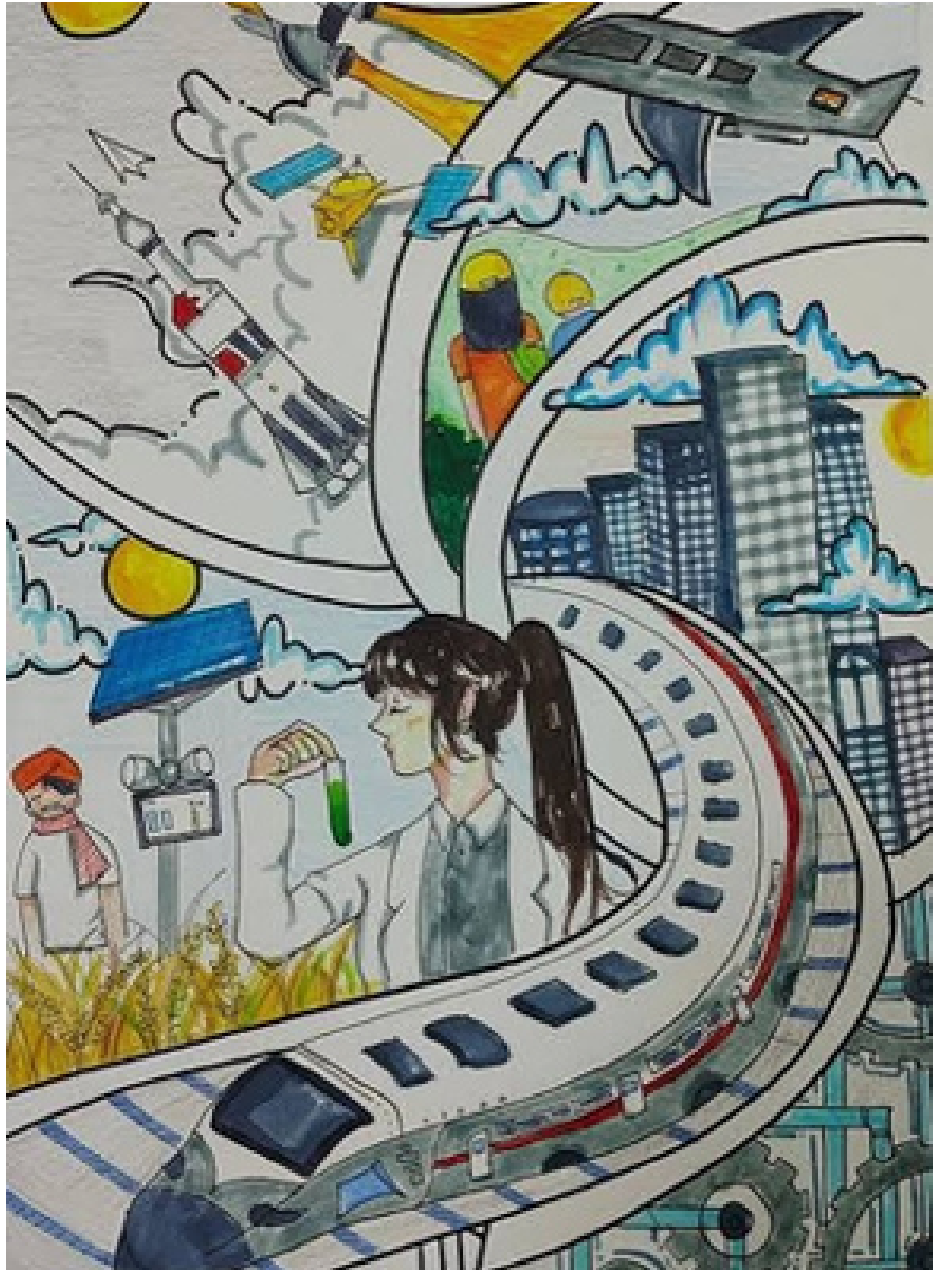
★ 52 out of 60 students placed

# ART & POETRY



**Art by:**  
**Athifa Leyana**  
2<sup>nd</sup> year CSE

# ART & POETRY



**Art by:**

**Tejaswini**

2<sup>nd</sup> year CSE

# ART & POETRY

## Time

Time runs faster than we know,  
Like rivers in a quiet flow.  
Today's struggle, tomorrow's pride,  
Memories walking by our side.  
So chase the dream, don't stand still,  
The future bends to human will.

**By:**

**Nandini**

2<sup>nd</sup> year CSE

## Graduation Day

Caps in air and hopeful eyes,  
Dreams reflecting in the skies.  
Four long years of work and strain,  
Now stand shining in the rain.  
Beyond these gates the journey starts,  
With knowledge sharp and fearless hearts.

**By:**

**Washim Shaik**

2<sup>nd</sup> year CSE

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# CONCLUSION

As we turn the final pages of this edition, we reflect on the journey that brought these words, images, and ideas to life. This magazine stands as a testament to the creativity, intellect, and diverse talents of our college community, showcasing not just academic excellence but the vibrant spirit that defines our institution.

Every article, poem, photograph, and illustration within these pages represents countless hours of brainstorming, writing, editing, and refinement. From technical innovations to artistic expressions, from academic insights to personal reflections, this collection captures the multifaceted experiences of student life. The magazine serves as a milestone that unfolds imaginations and gives life to the thoughts and aspirations that might otherwise remain unexpressed.

We extend our heartfelt gratitude to all contributors—students, faculty members, and staff—who shared their knowledge, creativity, and experiences. Special thanks to the editorial board, faculty advisors, and the college administration for their unwavering support and guidance throughout this endeavor. Without the collective effort of everyone involved, this magazine would not have become the reality it is today.

As you close this magazine, we hope you carry forward inspiration, knowledge, the and positive energy these pages have offered. May this edition serve as a cherished memory of our time together and motivate us all to continue pursuing excellence in every sphere of life. Until we meet again in the next edition, keep creating, keep learning, and keep inspiring.



<b>SI.NO</b>	<b>TITLE</b>	<b>PUBLISHER</b>	<b>FACULTY EDITOR</b>	<b>STUDENT EDITOR</b>	<b>LINK</b>
1	Magazine for the A.Y 2023-24	Department of CSE	Mr. Jalaluddeen BM	Mahammed Ajmal Husainicar,	View File ( <a href="https://bitmangalore.edu.in/wp-content/uploads/2025/08/Magazine-23-24.pdf">https://bitmangalore.edu.in/wp-content/uploads/2025/08/Magazine-23-24.pdf</a> )



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