

||Jai Sri Gurudev||

ADICHUNCHANAGIRI UNIVERSITY BGS INSTITUTE OF TECHNOLOGY



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(NBA ACCREDITED)



PRANATHI

Volume-11, Issue-16, October 2023–March 2024



B G S Institute of Technology

VISION

BGSIT is committed to the cause of creating tomorrow's engineers by providing quality education inculcating ethical values.

MISSION

- Imparting quality technical education by nurturing a conducive learning environment.
- Offering professional training to meet industry requirements.
- Providing education with a moral - cultural base and spiritual touch.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION

To produce engineers by possessing good technical knowledge and ethics through quality education and research.

MISSION

M1: Achieve excellence by providing good infrastructure and competent faculty.

M2: Strengthening the technical, soft skills, leadership qualities and ethical values to meet the industry requirements.

M3: Facilitate experimental learning through research projects.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1: Graduates will be pursuing successful career and higher education.

PEO 2: Graduates will be able to apply the knowledge of programming skills to solve the real-world problems.

PEO 3: Graduates will display professional ethics to work in a team and lead the team by effectively communicating the ideas.

PEO 4: Graduates will practice lifelong learning.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1: Ability to apply Mathematical Methodologies, Management Principles and Ethics, Electronics and Embedded Systems and Programming Technologies to solve real time problems.

PSO 2: Ability to apply software design and development practices to develop software in emerging

areas such as Internet of Things, Data Management, Social Networking and Security, Cloud and High-Performance Computing.

Chair Person

Dr. B K Narendra
Principal

Chief Editors

Dr. Shashikala S V, Head, Dept. of CSE

Faculty Coordinators

Mr. Dhruva M.S
Asst Prof, Dept. of CSE
Mrs. Arpitha K
Asst Prof, Dept. of CSE

Student Coordinators

Mr.Hemanth Gowda R.M, 7th Sem,CSE
Ms.Hongirana 7th Sem, CSE

International day of the girl child – 11/10/2023

The Department of Computer Science and Engineering has organized “She Shines World: Celebrating Girl hood” event to commemorate the International Day of the Girl Child on 11th October 2023. The Staff, Mrs. Arpitha K, Ms. Sahana D Gowda, Mrs. Shalet Benvin, Coordinated the event. Around 80 students were participated in this event.



International day of the girl child

Certification Course On Management- 11/10/2023

Department of Computer Science and Engineering organized event “Certificate course on Management” event on 21 st October 2023. Mr. MAHESH R, Asst. Professor, Dept of CS&E coordinated the event.



Certification Course On Management

Navarathri-18/102023

BGSIT Ladies Staff, along with the Principal, attended the Navarathri Festival at Adichunchanagiri Math on 18-10-2023.



Navarathri

QUIZ ON SOFTWARE ENGINEERING-19-10-2023

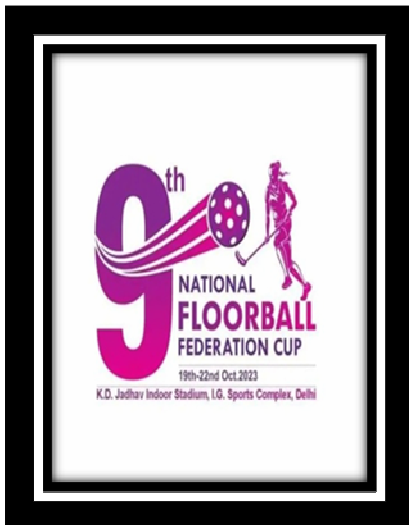
The Department of Computer Science and Engineering organized student Development activities on “QUIZ ON SOFTWARE ENGINEERING” on 19th October 2023 . Mrs. Nandini N S, Asst. Professor, Dept. Of CSE coordinated the event.



QUIZ ON SOFTWARE ENGINEERING

9th National Floorball Federation-19/10/2023 to 22/10/2023

BGSIT students from the Computer Science and Electronics and Communication Departments participated in the **9th National Floorball Federation Cup** held at **K D Jadhav Indoor Stadium, IG Sports Complex, New Delhi**. From **19th to 22nd October 2023**.



9th National Floorball Federation

Ayudha Pooja Celebration –21/10/2023

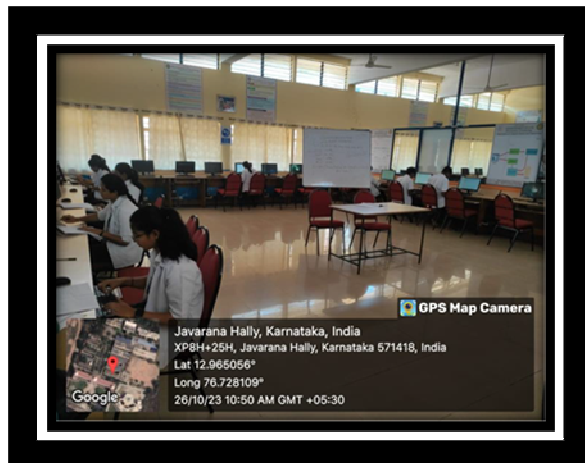
Computer Science & Engineering Department celebrated Ayudha Pooja Festival on 21-10-2023 with all staff .



Ayudha Pooja Celebration

Quiz On Java and Python Program:26/10/2023

Department of Computer Science and Engineering organized event “**Quiz on Java and Python Programming**” event on 26th October 2023. Mr. MANU Y M, Asst. Professor, Dept of CS&E coordinated the event.

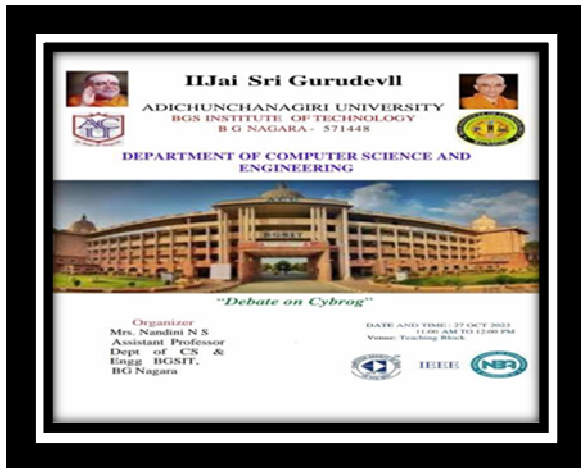


Quiz On Java and Python Program

DEBATE ON CYBORG-27/10/2023

The Department of Computer Science and Engineering organized student Development activities on

“DEBATE ON CYBORG” on 27th October 2023 .Mrs. Nandini N S, Asst. Professor, Dept. Of CSE coordinated the event.



DEBATE ON CYBORG

Technical Talk On Mastering Devops for the future of software development- 27/10/2023

Department of Computer Science and Engineering organized a technical Talk on "Empowering Engineers: Mastering DevOps for the Future of Software Development on 27th October 2023. "The Resource person was Mr. Gangadhar M L, a Professor in the Department of Information Science at Sri Siddhartha Institute of Technology, Tumkur. Mr. Gangadhar M L . Dr. Shashikala S V Head of Dept. CS&E and Mr. Manu Y M, Assistant Professor, were the Event Co-Ordinators.



Technical Talk On Mastering Devops

Technical Talk On Supply Chain system-28/10/2023

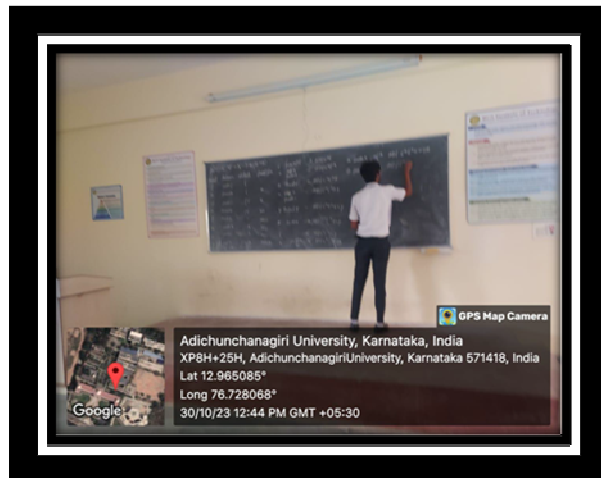
Department of Computer Science and Engineering Organized Technical Talk on "Supply Chain System" on October 27, 2023, Mr. Manohar G M, Supply Chain specialist at Dufry, Karle Tech Park, Nagavara, Bengaluru was the resource person.. Dr. Shashikala S V Head of Dept. CS&E and Mr. Santhosh B J, Assistant professor, were the Event Co- Ordinators.



Technical Talk On Supply Chain system

Activity based learning on Structures-30/10/2023

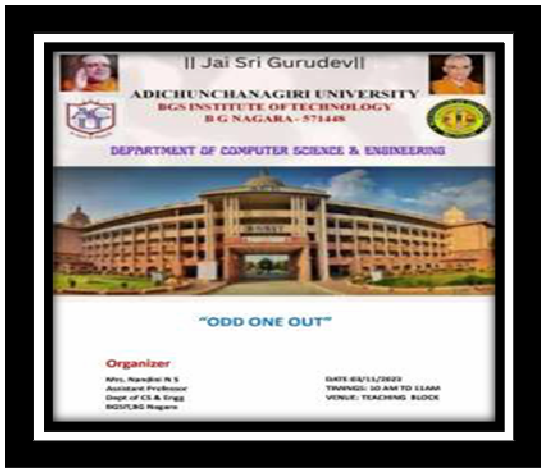
The Department of Computer Science & Engineering Organized the “Activity based learning on Structures” for 4th Sem B Section students on 30-10-2023 at Class Room. Mrs. Swetha K.R Assistant Professor of CSE Coordinator of this event.



Activity based learning on Structures

ODD ONE OUT-03/11/2023

The Department of Computer Science and Engineering organized student Development activities on “ODDONEOUT” on 3rd November 2023. Mrs.NandiniNS, Asst.Professor, Dept.Of CSE coordinated the event.



ODD ONE OUT

ONE MINUTE PAPAER ON MANAGEMENT-07/11/2023

Department of Computer Science and Engineering organized event “One Minute Paper on Management” event on 07th November 2023 . Mr. MAHESH R, Asst. Professor, Dept of CS&E coordinated the event.



ONE MINUTE PAPAER ON MANAGEMENT

5 mins Talk on any Topic--16/11/2023

The Department of Computer Science and Engineering organized student Development activity of “5 mins Talk on any Topic” on 16th November 2023 . Ms. Afshan Zareen, Asst. Professor, Dept. Of CSE coordinated the event.



5 mins Talk on any Topic

University inter college cricket tournament-16/11/23 to 19/11/23

Adichunchanagiri University organized a University inter college cricket tournament from 16th-19th of November 2023.



University inter college cricket tournament

Activity Based On LOOPING STATEMENTS-17/11/2023

The Department of Computer Science and Engineering organized student Development activities on “Looping Statements” on 17th November 2023. Mrs. Nandini N S, Asst. Professor, Dept. Of CSE coordinated the event..



Activity Based On LOOPING STATEMENTS

National Education Day-21/11/2023

BGSIT had organized a Talk on "National Education Day" on 21st November 2023, Dr. Yuvaraj B N, Professor and Head, Department of Computer Science and Engineering, NIE Mysuru was the resource person who addressed the students. Dr. Shashikala S V Head of Dept. CS&E and Dr. Naveen K B, Associate professor, were the Event Co-Ordinators.



National Education Day

Think Different! Be Noticed-25/11/2023

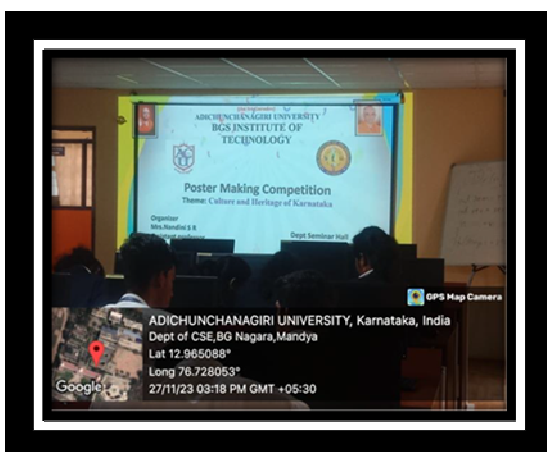
The Department of Computer Science & Engineering had organized an Event “**Think Different! Be Noticed! An Innovative Design Thinking Competition**” on **25th November 2023**.. The staff Mrs. Arpitha K, Mr. Prasanna Kumar and Mrs. Shalet Benvin were the coordinators of the event.



Think Different! Be Noticed

Poster Making Competition: 27/11/2023

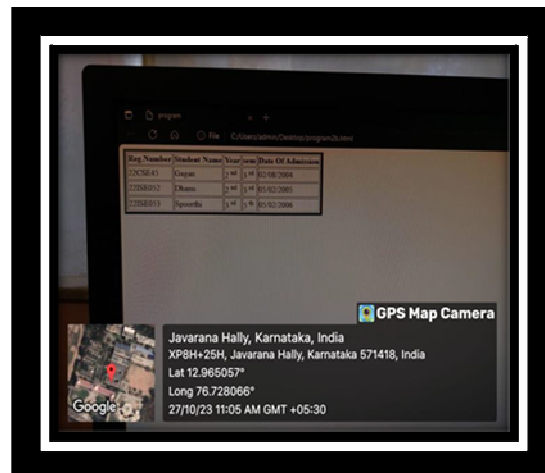
Department of Computer Science and Engineering organized Event on "**Poster Making Competition**" on 27-11-2023. “**Culture and Heritage of Karnataka**” is the theme of this Event. Mrs. Nandini S R, Asst. Professor, Dept of CS&E, organized this event.



Poster Making Competition

Activity based Learning on “web Programming”:27/11/2023

Department of Computer Science and Engineering organized **Activity based Learning on “web Programming”** event on 27 October 2023 .Mrs.Nandini S R, Asst. Professor, Dept of CSE coordinated the event.



Activity based Learning on “web Programming

Inter-University Women Volleyball Tournament-27/11/23 to 31/11/2023

Association of Indian Universities is planning to conduct the South Zone Inter University (Women) Volleyball tournament for the year 2023-24 in Sri Padmavati Mahila Visvavidyalayam, Tirupati from 27.11.2023 to 31.11.2023.



Inter-University Women Volleyball Tournament

Kannada SKIT-27/11/2023

Ms. Sahana D Gowda conducted skit based on “**Kannada is losing against other languages**” for 3rd Semester ‘A’ Section Students, in a lively celebration of cultural heritage, participants at the event showcased their talent through an engaging skit focused on the importance of the Kannada language. Held on 27-Nov-2023 at CSE Department Seminar Hall.



Kannada SKIT

Photography-28/11/2023

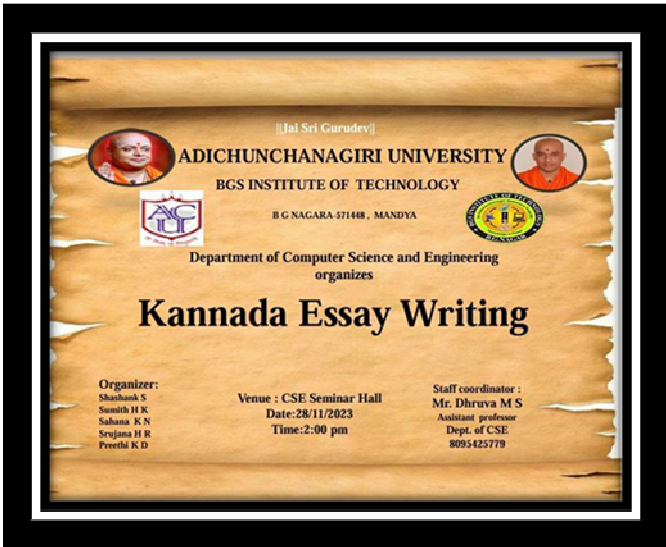
The Department of Computer Science and Engineering organized an activity on "**Photography**" for CSE students on 28th November 2023.. Mrs. Shalet Benvin. Asst professor dept of CSE coordinates the event. A total of 156 students participated in this event.



Photography

Kannada EASSY WRITING-28/11/2023

The Department of Computer Science & Engineering had organized an Event “**Kannada EASSY WRITING**” on **28th November 2023**. The staff Mr. Dhruva M.S , Asst Professor Dept Of CS&E were coordinated this event.



Kannada EASSY WRITING

Kannada Ashubhashana Sparde-28/11/2023

Department of Computer Science and Engineering organized event on “**Kannada Ashubhashana Sparde**” on 28-11-2023. Mrs. Pallavi N R, Asst. Professor, Dept of CS&E, Coordinated the event. Mrs. Arpitha K Asst. Professor Dept of CS&E, was the judge of this event. Around 20 students of 3rd & 5th semester were actively participated in this Event.



Kannada Ashubhashana Sparde

Bangalore Tech Summit -2023-29/11/2023

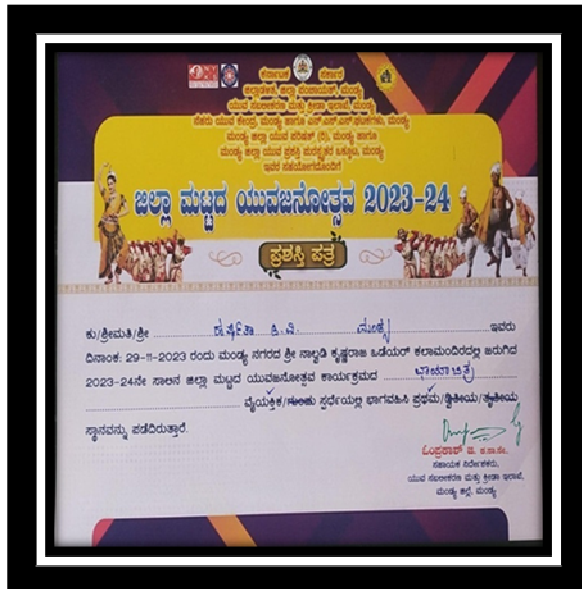
On 29/11/2023 60 students of BGS Institute of Technology, attended the Bangalore Tech Summit -2023 at Palace Grounds Bangalore. Dr. B K Narendra Principal & Dean BGS Institute of Technology attended the Bangalore tech summit 2023, Dr. Girish K B Professor & NAIN Coordinator initiated the program. Mr. Amith B J Assistant Professor coordinated with the students and registered for the event.



Bangalore Tech Summit -2023

District level Photography competition.-29/11/2023

Harshitha D V, a student from the Computer Science and Engineering department at BGSIT, recently participated in the district level Photography competition held on 29.11.2023 in Mandya, showcased her Photography skills and emerged as the winner, secured the first prize. Her outstanding performance earned her a spot in the state level competition.





District level Photography competitions

District Level Yuvajanothsava-29/11/2023

Department of Computer Science and Engineering happy to share that 3rd sem CSE students Participated in “ **District Level Yuvajanothsava 2023-24** ” held Sri Nalvadi Krishnaraj Odeyar Kalamandira, Mandya on 29th November 2023.



District Level Yuvajanothsava

NITK Suratkal Hackathon-01/12/2023

Department of Computer Science and Engineering happy to share that 3rd sem CSE students Participated in “ **Hackathon** ” held at **NITK College, Suratkal**. on 1st December 2023. Some Students Attended

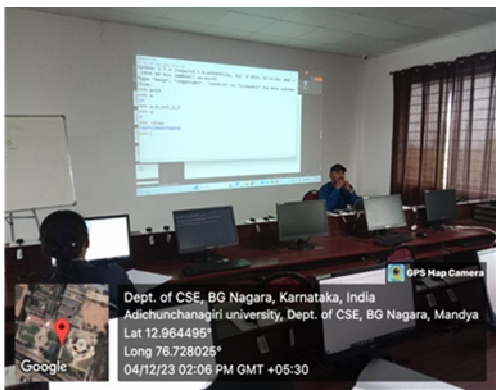
Online & Some students Attended Offline.



NITK Suratkal Hackathon

Value added course On Introduction to python-4/12/2023 to 08/01/2024

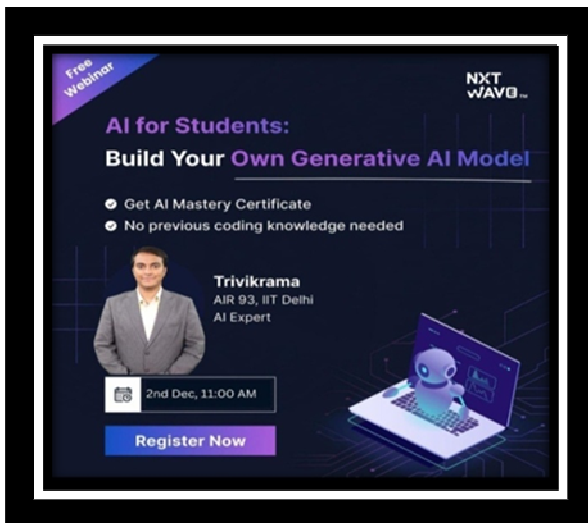
ACU-BGSIT The Department Of Computer Science & Engineering Organized Value Added Course On Introduction To Python Programming For 5th Semester CSE Students From 4-12-2023 To 09-01-2024 (Total 8 Days) . day1 & 2: 04/12/2023 & 05/12/2023 the resource person was Mr.Yogeshwar . day3 & 4: 14/12/2023 & 15/12/2023 the resource persons was Mrs.Raksha shetty & Ms. Chetana Khadse. Day5 28/12/2023 the resource persons was Mrs.Raksha sheety & Mr.yogeshwar. day6 29/12/2023 the resource person was Ms.Sowmya N. day7 08/01/2024 the resource person was Mr.Pavan kumar N. day8 09/01/2024 the resource person was Hariom Meena .



Value added course

Online Certification Course -14/12/2023

Department of Computer Science and Engineering Students were attended Online Certification Course on “Build Your Own Generation AI Model” on 2-12-2023. By Trivikram, AI Experts, IIT Delhi.



Online Certification Course

Parents meeting- 18/12/2023 to 30/12/2023

The Department of Computer Science and Engineering organized "Parents Meeting" for CSE 3rd sem students from 18-12-2023 to 30-12-2023. The students 1st & 2nd semester results and progress report of 1st and 2nd internals will be given to their parent & took feedback.



Parents meeting

Project Phase-1 Presentation -28/12/2023 to 29/12/2023

Department of Computer Science and Engineering conducted Project Phase-1 Presentation on 28-12-2023 & 29-12-2023. Mr. Prasanna Kumar M J was the Project Coordinator. The project team presented this project presentation in front of the committee which consist of HoD, Project coordinator, guide & one senior staff. All students of 7th sem & staff were present in this event.



Project Phase-1 Presentation

National Level Hackathon at PESCE Mandya -05/01/2024 to 06/01/2024

Department of Computer Science and Engineering happy to share that 3rd Sem CSE students Participated in “Hackathon” held at P E S, College of Engineering, Mandya on January 5th & 6th 2024.



Hackathon at PES College Mandya

State level Photography competition - 2023-24- 06/01/2024 to 07/01/2024

ACU- BGSIT, The department of Computer Science and Engineering, 3rd semester student **Ms. Harshitha D V** participated in State Level Yuvajanothsava held at Bellary from 06-1-2024 to 07-1-2024 & won **Third prize in Photography Competition.**



State Level Yuvajanothsava 2023-24

Ideathon-11/01/2024

Ms. Sahana D Gowda and Mr. Santhosh B J conducted “**IDEATHON 2K24**” for CSE Students, The Ideathon, held on 11-01-2024 at CSE Seminar Hall.



Ideathon

Inter-Department competition on Design Thinking/Creativity – 11/01/2024

The Department of Computer Science & Engineering had organized an Event “**Inter-Department competition on Design Thinking/Creativity**” on **11th January 2024**.. Mrs. Pallavi N R Organized this event along with the staff Coordinators were Mrs.Arptha k ,Mr. Prasanna Kumar and Mrs. Shalet Benvin



Inter-Department competition on Design Thinking/Creativity

Fresher’s Party-12/01/2024

The students of 5th semester Computer Science and Engineering Department organized Fresher’s Day on 12/01/2024 to the 3rd semester students. The purpose of Fresher’s Party is to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence.



Fresher’s Party

National Youth Day Celebration-12/01/2024

Youth Day Celebration is an annual event that acknowledges and celebrates the energy, creativity, and contributions of young people in our society. This year's Youth Day Celebration took place on 12/01/2024 at B G S Auditorium ,organized by Computer Science and Engineering Department and it was a vibrant and memorable occasion filled with various activities and events.



National Youth Day Celebration

YUKTHI-2024- VTU Regional Centre Mysuru- 11/01/2024 to 12/01/2024

ACU-BGSIT, The department of Computer science and engineering , 5th and 1st semester students were participated in YUKTHI-2024 held at VTU regional centre Mysuru from 11/01/24 to 12/01/24 ,and won First prize In group dance competition.



YUKTHI-2024- VTU Regional Centre Mysuru

Seminar on Graph Terminologies-16/01/2024

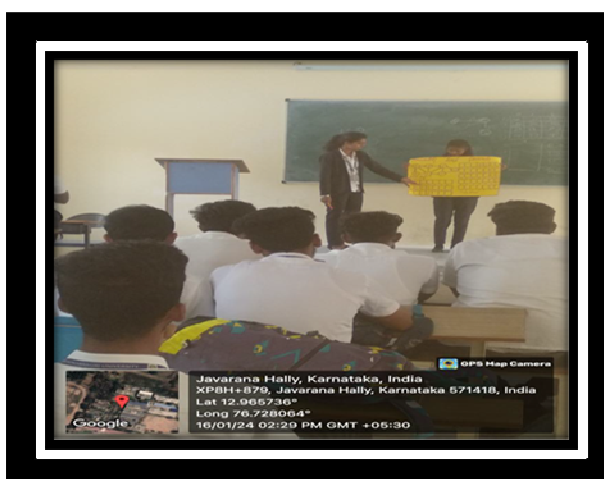
Department of Computer Science and Engineering organized Seminar on Graph Terminologies event on 16th January 2024. Mrs. PALLAVI N R, Asst. Professor, Dept of CSE coordinated the event.



Seminar on Graph Terminologies

Model based Activity on DFS and BFS-16/01/2023

Department of Computer Science and Engineering organized Model based Activity on DFS and BFS event on 16th January 2024. Mrs. PALLAVI N R, Asst. Professor, Dept of CSE coordinated the event.



Model based Activity on DFS and BFS

PhD Viva-Voce- 19/01/2024

Mr. Manu Y M recently presented his PhD viva at Adichunchanagiri University. The topic of his research was "A Framework for Crowd Anomaly Detection Using Machine Learning Techniques." Under the guidance of Dr. Ravikumar G K, Principal of BGSCET, Mr. Manu Y M successfully defended his thesis.



PhD Viva-Voce

PhD Viva-Voce- 19/01/2024

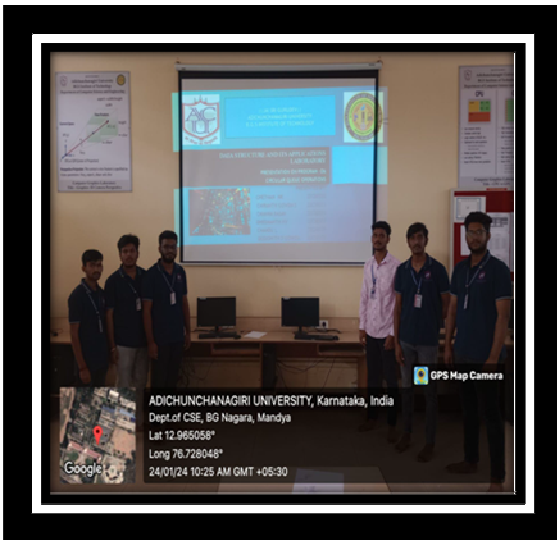
Mr. Vivek Veeraiah, recently presented his PhD viva at Adichunchanagiri University, under the guidance of Dr. Ravikumar G K, Principal of BGSCET. Mr. Vivek's research focused on "Internet-of-Things based Social Entrepreneurship Future Generation: The staffs from CSE department were attended this event.



PhD Viva-Voce

Activity-based learning On Data structure & it's applications-24/01/2024

This activity was organized to III Semester CSE students, on 24.01.2024, 09:30 AM by Mrs. Namitha A R, Assistant Professor, Department of Computer Science and Engineering.



Activity-based learning

Republic Day-26/01/2024

75th Republic Day celebrated on 26th January 2024 at ACU Stadium was a grand and patriotic event. The event was graced by the presence of Dr. M A Shekar, Vice Chancellor, ACU who delivered a memorable speech on the significance of Republic Day. Dr. M A Shekar highlighted the importance of this national day, which commemorates the day when the Constitution of India came into effect. He emphasized the values of democracy, freedom, and equality enshrined in the Constitution and how they have shaped the nation over the years. Dr. B N Shobha, Principal BGS Institute of Technology, delivered a speech on the occasion of Republic Day, where she emphasized the importance of this significant day. On this occasion Dr. M A Shekar, Vice Chancellor, ACU, Dr. C K Subbaraya, Registrar, ACU, all Constituent college Principals, Staff, Non Teaching and Students were present.



Republic Day

Special talk On artificial intelligence & cyber security -19/02/2024

IlJai Sri Gurudevll
Adichunchanagiri University
BGS Institute of Technology

On the Occasion of JVTM-2024 ACU-BGSIT has organized Special Lecture on "Artificial Intelligence and Cyber Security" on 19th February 2024 at BGSIT seminar hall. The lecture was delivered by Dr. Udaya Shankar Puranik, a renowned expert in the field of artificial intelligence and cyber security. The staffs from computer science & engineering department were attended this event.



Special talk On artificial intelligence & cyber security

Jnana Vijnana Tantrajana Mela-19/02/ 2024 & 20/02/2024

The students of department of Computer Science and Engineering exhibited 2 projects in Jnana VijnanaTantrajana Melaorganized at Adichunchanagiri Math from 19-2-2024 to 20-2-2024. Sri. S Somanath, Indian Space Research Organisation, 10th head has honored with VIGNATHAM award from Poojya Jagadguru Sri Sri Sri Dr.NirmalanandanathaMaha Swamiji on 20-2-2024. he Visited Project Exhibition and gave tips to the students.



Jnana Vijnana Tantrajnana Mela

Toppers of EVEN Semester 2022-23
4th Semester Toppers



Preethi K.D
21CSE071
SGPA: 9.69



Chinthana
21CSE020
SGPA:9.15



Lalithya
21CSE046
SGPA:9.15

6th Semester Toppers



Likith R
20CSE041
SGPA:9.48



Thejashwini
20CSE086
SGPA:9.44

8th Semester Toppers



Hemavathi L.N
19CSE027
SGPA:9.81



Monalisa M Gowda
19CSE044
SGPA: 9.57



Dashami H.S
19CSE015
SGPA:9.48

Research Publication Details (Oct -2023 to February- 2024)

Ph.D. Scholars

Sl. No.	Name
Under ACU	
1	Mrs.Swetha K R
2	Mrs.Divya B M
3	Mrs.Namitha A.R
Under VTU	
1	Mrs.Arptha K
2	Mrs.Amulya M P
3	Ms.Sahana D Gowda
4	Mr.Prasanna Kumar M.J
5	Mrs.Pallavi N.R
6	Mr.Santhosh B.J
7	Mr. Dhruva M.S
8	Mrs.Shallet Benvin

Staffs Achievements







Arts and Articles by students



Art by Ms. Sahana K.N , 5th Sem CSE

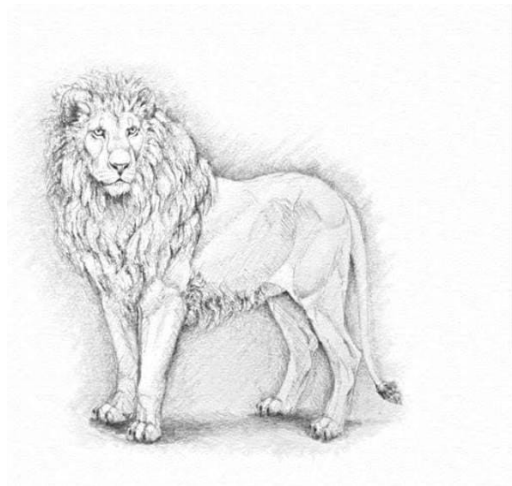


Art by Mr. Gagan C.P , 7th Sem CSE



Art by Ms. Karunashree , 3rd Sem CSE

Art by Preethi K.D , 5th sem CSE



Art by Mr. Suhas , 3rd Sem CSE



Art by Mr. Sumith H.K , 5th Sem CSE



Art by Ms. Chinthana , 5th Sem CSE

Placement Details of 2020-2024 Batch