

JAN 2021 -JUNE 2021

ಸಂಗಣಕ ಪಟ

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
VOL. 3 ISSUE.2



Sprawling lush green campus



Sri. B. Bylappa

*President – Wayanamac
Education Trust*



Sri. B. Manjunath

Executive Director - DBIT



Sri. Raghav Bylappa

*Secretary – Wayanamac
Education Trust*



Dr. Hemadri Naidu T

Principal - DBIT

EDITOR IN CHIEF:

Prof. B S UMASHANKAR
HOD – Dept of CSE

Editorial Board

MEMBERS:

Manjula B S – Asst. Prof

STUDENT COORDINATOR

Abdul Kabeer – 4th Sem CSE

Sprawling lush green campus

HIGHLIGHTS

- **Vision & Mission**
- **HOD's Message**
- **Achievements**
- **Events**

Sprawling lush green campus

Department of Computer Science & Engineering

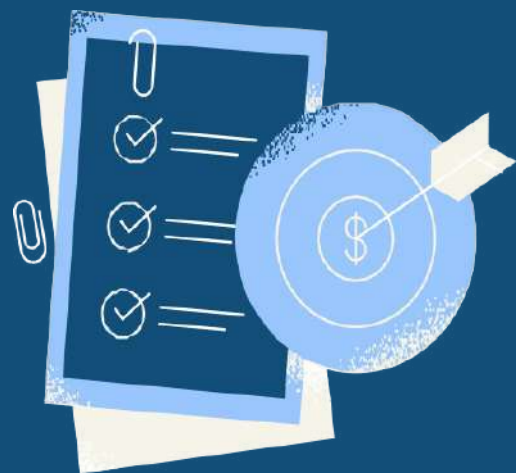
VISION

To become center of excellence for educating students in Computer Science and Engineering, and enabling them to become successful and socially responsible future software professionals.



Mission

- To impart knowledge that builds software skills with logical and structured thinking
- To provide both formal and informal learning environments to become globally competitive software professionals.
- To motivate towards becoming a quick learner, good team player, acquire leadership skills with excellent communication, time and task management.
- To inculcate professional ethics and concern for the environment for the benefits of society.



HOD's Message



Prof. B. S. Umashankar
Professor & Head
Department of Computer Science & Engineering

On behalf of Management, Principal, and Staff of Department of Computer Science & Engineering, with great happiness and pride, I place on record the memorable achievements of our staff and students during the even semester 2020-21.

Apart from technical knowledge and skills, to be successful as professionals, students should have excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment.

In order to match these multifarious requirements, AICTE has created a unique mechanism of awarding minimum 100 Activity Points over and above the academic grades.

Every regular student, who is admitted to the 4 years Degree programme, is required to earn 100 Activity Points in addition to the required academic grades, for getting 4 Years degree programme. To meet this requirement our students visited Government Schools during March 2021 and successfully completed the assigned tasks. I heartily congratulate all the students and the faculty coordinators.

Achievements

Faculty Achievements

Publications

- **Dr. Manjunath Swamy B E**, 2021 “Cloud Based Multi-Language Indexing Using Cross Lingual Information Retrieval Approaches” Journal of Information Technology in Industry, ISSN 2203-1731.
- **Dr. Manjunath Swamy B E**, 2021 “Survey and Comparison of String-Matching Algorithms” Turkish Journal of Computer and Mathematics Education, ISSN 1471-1491.
- **Dr. Manjunath Swamy B E**, 2021 “Analysis of Pattern Matching Algorithms Used For Searching The Patterns In MLIR Framework” Turkish Journal of Computer and Mathematics Education.

Awards

- **Prof. Umashankar B.S.** won Best Professor Award organized by Karnataka Educational Award 2020 on 02 Jan 2021.



- **Dr. Manjunathswamy B E**. won Best Professor Award organized by Karnataka Educational Award -2020 on 02 Jan 2021.



Achievements

- **Dr. G. R Thippeswamy, Dr. Ashok Kumar P S and Mrs. Rakheeba Taseen** attended Two-day online FDP on “Mobile Application Development organized by Dept of CSE at Dr. Ambedkar institute of Technology, Bengaluru from 15-04-2021 to 16-04-2021.
- **Dr. Venugeetha Y, Mrs. Nayana D V and Mr. Naveen N** attended 5 days Faculty Development Program- “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 08 -03-2021 to 12-03-2021.
- **Mrs. Sumathi M, Mrs. Shruthi G, Mrs. Rohini B. R, Mrs. Sheeba S and Mrs. Komala D** attended 5 days Faculty Development Program- “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 22 -03-2021 to 26-03-2021.
- **Dr. Venugeetha Y**, attended 40 hours FDP on “Data science for All” organized by Electronics & ICT Academies from 12-04-2021 to 23-04-2021.
- **Mrs. Thaseen Taj**, attended 5day online FDP on “Swift (ios) programming language” organized by MET’s Institute of Engineering, Nashik from 12-05-2020 to 16-05-2020.
- **Dr. Ashok Kumar P S**, attended 6dayd Online short Term Training Program on “Design & Development of IOT Applications” organized by East West Institute of Technology from 4-01-2021 to 9-01-2021.
- **Dr. Ashok Kumar P S**, attended Two-week FDP on “Machine Learning and its Applications” organized by PSCMRCET, Vijayawada from 12-02-2021 to 25-02-2021.
- **Dr. Ashok Kumar P S**, attended One week online FDP on” Essential skills and technologies” for quality Research organized by P.E.S College of Engineering, Mandya from 30-03-2021 to 03-04-2021.
- **Dr. Ashok Kumar P S**, attended 12days FDP on “Entrepreneurship and innovation” organized by Dayananda Sagar Academy of Technology & Management, Bangalore from 22-02-2021 to 6-03 2021.

Events

AICTE Activity Points Programme two days visit Government Higher Primary School (GHPS) and Government Primary School (GPS), Sheshagirihalli, Bidadi Hobli Karnataka on 15/03/2021 and 16/03/2021. Apart from technical knowledge and skills, to be successful as professionals, students should have excellent soft skills, leadership qualities and team spirit. They should have entrepreneurial capabilities and societal commitment. To match these multifarious requirements, AICTE has created a unique mechanism of awarding minimum 100 Activity Points over and above the academic grades. Main objective was to train and acknowledge the students about the growing technologies. Next objective teaches the curriculum subjects, which the students found difficult to understand.



Team members along with Teachers



The first day inaugural ceremony Lamp lighting and welcoming teachers



Also gave speeches on career guidance, motivation, exam preparation tips, environmental awareness.



Our students performed many cultural activities, art and craft, and sports events. Students were very enthusiastic to learn new innovative games and showed good interest.



Swachh Bharat Abhiyan was Organized and cleaned the entire campus.

AICTE Activity Points Programme two days visit Government Lower Primary School, Bhadrapura, Ramanagar, Karnataka on 15th March, 2021 and 16th March, 2021. List of Activities Conduced Swatch Bharath, Survey of the location and arrangement for tools, to make the students of the village primary school get involved in social activity and sports and to spread general awareness among the people of the village.



Team members along with Teachers



The first day on 15/03/2021 inaugural ceremony Lamp lighting and welcoming teacher



Swatch Bharath (school premises and laboratory)

On Second day, the computer revolution has born most fruit in the classroom as a glorified workbook. In today's the knowledge of computer software or hardware is basic necessity for lot of jobs. It was really unfortunate to see these well deserving students from Govt. school not having basic idea of computers so we could encourage every student to get some basic computer knowledge to at least keep in touch.



But most of the Government school students were not able to use these facilities because of the lack of smart phones. A complete guideline on how to use smartphones for the student's education purpose is given to them.



AICTE Activity Points Programme two days visit Government Lower Primary School, Hallimala, Karnataka on 15th March, 2021 and 16th March, 2021. List of Activities Conduced Swatch Bharath, teaching (Science, Math's, English), Painting, Cultural activities, Eco-friendly (planting).



Team members along with Teachers



inaugural ceremony and welcoming teachers

Planting is vital in environmental conservation since trees play various roles like preventing the accumulation of greenhouse gases in the atmosphere, cleaning the air by absorbing pollutant gasses, and supplying oxygen to all living creatures hence sustaining life on earth.



Hallimala, Karnataka, India
 Unnamed Road, Hallimala, Karnataka 562159, India
 Lat N 12° 44' 46.014"
 Long E 77° 18' 2.2896"
 16/03/21 04:11 PM



Hallimala, Karnataka, India
 Unnamed Road, Hallimala, Karnataka 562159, India
 Lat N 12° 44' 45.9132"
 Long E 77° 18' 2.0664"
 16/03/21 01:37 PM

Swatch Bharath the school premises were cleaned, volunteers divided themselves into groups, some of them cleaned the surrounding, laboratory, and some dumped the waste in the backyard.

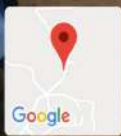


Swatch Bharath at school premises



The complete school was painted and cleaned.

Our students performed many cultural activities, art and craft, and sports events. Students were very enthusiastic to learn new innovative games and showed good interest.



Hallimala, Karnataka, India
Unnamed Road, Hallimala, Karnataka 562159, India
Lat N 12° 44' 45.51"
Long E 77° 18' 1.9908"
16/03/21 02:51 PM



Hallimala, Karnataka, India
Unnamed Road, Hallimala, Karnataka 562159, India
Lat N 12° 44' 53.574"
Long E 77° 18' 1.8864"
16/03/21 01:18 PM

Books Improve Emotional Development, it makes us more empathetic, helps us to keep emotional balance, doesn't allow emotions to influence our growth. Book Distribution was done to students by our teachers



Distribution of Books

AICTE Activity Points Programme two days visit GJC Annahalli, Bidadi, Karnataka on 17/03/2021 and 18/03/2021. List of Activities Conduced Swatch Bharath, teaching (Science, Math's, English), Cultural activities, Eco-friendly (planting). Two days of program was planned. The First Day was assigned for Inauguration Ceremony, Swatch Bharath -cleaning the school premises, and also the science laboratory. Followed by some cultural activities like Singing competition, Debate and Quiz.



Team members along with Teachers



The first day on 17/03/2021 inaugural ceremony Lamp lighting and welcoming teacher

Swatch Bharath (school premises and laboratory) The school premises were cleaned, volunteers divided themselves into groups, some of them cleaned the surrounding, laboratory, and some dumped the waste in the backyard.



The school premises were cleaned

Most of the students participated well in the quiz and debate competition, came up with good points. These activities actually helped the school teachers to understand the capabilities of some of their students who were weak in their academics, but excelled well in activities such as these.

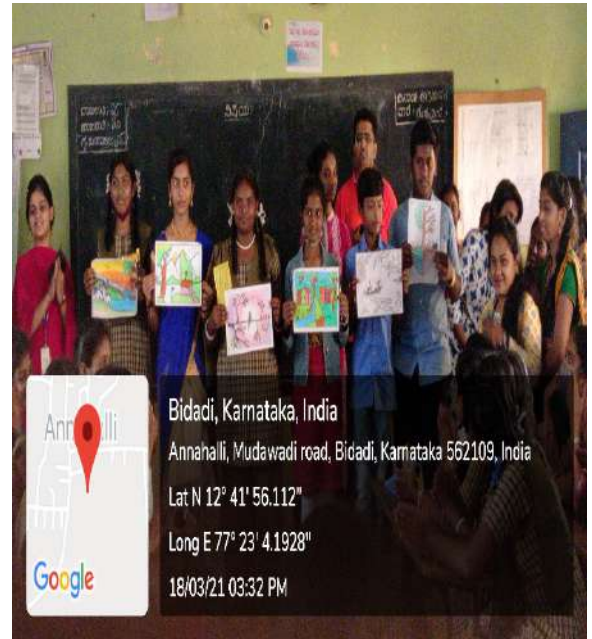


Quiz and Debate competition

The second day on 18/03/2021 Teaching 8th ,9th & 10th standard students, subjects taught are science, Maths, English grammar.



The prizes were distributed to students who gained first, second and third positions respectively in each of the activities conducted. The students were very excited to receive gifts for the special places they achieved.



Department of Computer Science & Engineering

"Software is like entropy: It is difficult to grasp, weighs nothing, and obeys the Second Law of Thermodynamics; i.e., it always increases"

— Norman Augustine



Capgemini

CISCO

NTT DATA Services

IBM

TATA

TATA CONSULTANCY SERVICES

accenture
High performance. Delivered.

WIPRO
Applying Thought

Infosys
HCL

amazon