

| | Jai Sri Gurudev | |

Sri Adichunchanagiri Shikshana Trust (R.)



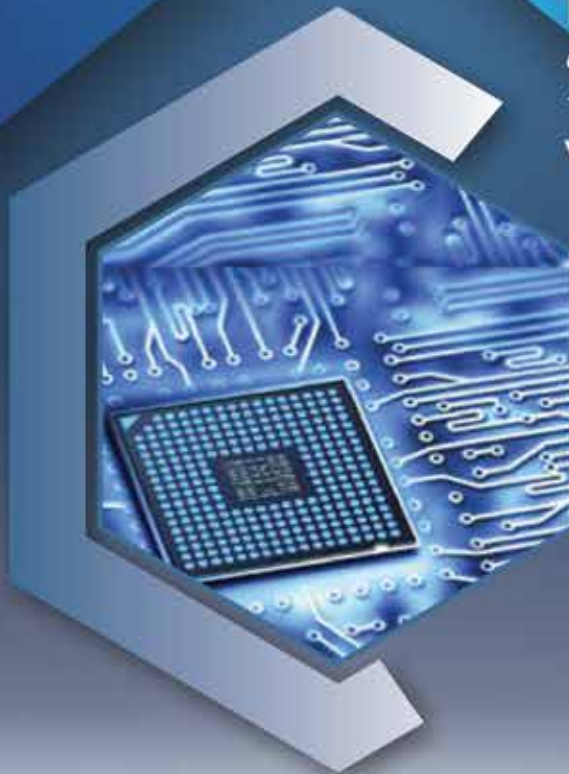
B.G.S. INSTITUTE OF TECHNOLOGY

Department of
Electronics & Communication
Engineering

SAMVAHANA

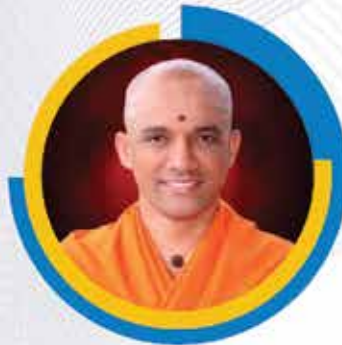
News Letter
2021-2022

VOLUME 6 ISSUE 1





His Holiness Padmabhushana
Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji



His Holiness
Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji
Present Pontiff
Sri Adichunchanagiri Mahasamsthana Math

VISION

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

MISSION

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

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

VISION

To develop high quality engineers with technical knowledge, skills and ethics in the area of Electronics and Communication Engineering to meet industrial and societal needs.

MISSION

1. To provide high quality technical education with up-to-date infrastructure and trained human resources to deliver the curriculum effectively in order to impart technical knowledge and skills.
2. To train the students with entrepreneurship qualities, multidisciplinary knowledge and latest skill sets as required for industry, competitive examinations, higher studies and research activities.
3. To mould the students into professionally-ethical and socially-responsible engineers of high character, team spirit and leadership qualities.

Program Educational Objectives (PEO's)

After 3 to 5 years of graduation, the graduates of Electronics and Communication Engineering will –

1. Engage in industrial, teaching or any technical profession and pursue higher studies and research.
2. Apply the knowledge of Mathematics, Science as well as Electronics and Communication Engineering to solve social engineering problems.
3. Understand, Analyze, Design and Create novel products and solutions.
4. Display professional and leadership qualities, communication skills, team spirit, multidisciplinary traits and lifelong learning aptitude.

Program Specific Outcomes (PSO's)

1. To apply the knowledge of Electronics and Communication Engineering as well as automation tools to create electronic circuits, systems and solutions.
2. To collaborate effectively with Electronics and Information Technology industries through internship, induction, technical seminar, technical project, research, product design and development, industrial visit, staff training in order to provide the actual industrial exposure to students and faculties.

BLESSINGS

Once all the gods assembled to decide the most secured place to keep the "Atma-Gnana" so that human beings cannot access the same. In the assembly each individual god came out with his plan, so that human beings cannot steal the "Atma-Gnana". Some said let us keep it in the sky. But immediately it was rejected because they said the human beings are likely to invent machines like aero planes and satellites with which they will steal this from the sky. Some came out with the alternative and said "Let's keep it in the sea." Pat came the answer: "If men can steal it from the sky, will they not steal it from the sea?". The suggestion that it is better to keep it at the top of a mountain was rejected outright.

But the Supreme God had his plan very well cut out. If men are going to steal 'Atma-Gnana' if kept elsewhere why not keep it within them so that they will safeguard it since they are made its custodians. Then He kept it within the safe vault of everybody's heart. But the pity is that we are searching for Atma-Gnana though it is kept firmly within the hearts of everybody like the proverbial deer searching for 'Kasturi' thinking that the fragrant thing is not within itself but somewhere outside. It will search for the same everlastingly.

Likewise, the Supreme Lord sent us to this world instructing us to find out the most precious thing called "Atma-Gnana" within us. Not realizing this man goes to the mountains in search of God; he goes to the forest to renew his search and goes to temples for the same purpose. Not that God is not there in these places. Have not our elders assured us time and again God resides in the speck of dust and in the woods as well as blades of grass also. They have further said that there is no place on earth where there is no God. That is true. When God is everywhere, then is it not true that he is within each one of us? If yes, then why do we go to temples and why do we go to the Gurus. We go there in order to purify our inner mirror. Dust settles on this inner mirror quite quickly. The dust makes it impossible to have a clear vision. If we want to have a clear vision of ourselves we need to remove the dust of ignorance. The removal of ignorance ensures clear vision.

TOPPERS of EVEN SEMESTER

2ND SEM TOPPERS



BHOOMIKA K S
USN:20ECE013
SGPA:9.8



BINDU V R
USN:20ECE014
SGPA:9.7



HEMASHREE
USN:20ECE038
SGPA:9.6

4th SEM TOPPERS



GAGAN L D
USN:19ECE032
SGPA:10



JAYANTH M R
USN:19ECE040
SGPA:10



PREETHI L
USN:19ECE080
SGPA:10

6TH SEM TOPPERS



YASHWANTH GOWDA P
USN:18ECE117
SGPA:9.20



SHALINI R
USN:18ECE050
SGPA:9.12



SHWETHA A S
USN:18ECE106
SGPA:9.00

8TH SEM TOPPERS



SUMANTH N S
USN:4BW17EC095
599 / 800



ANKITHA ADI GOWDA
USN:4BW17EC007
595 / 800



BHAGYALAKSHMI H S R
USN:4BW17EC014
592 / 800

DEPARTMENT EVENTS

Exhibition/ Industrial Visit to Electronica India-2021



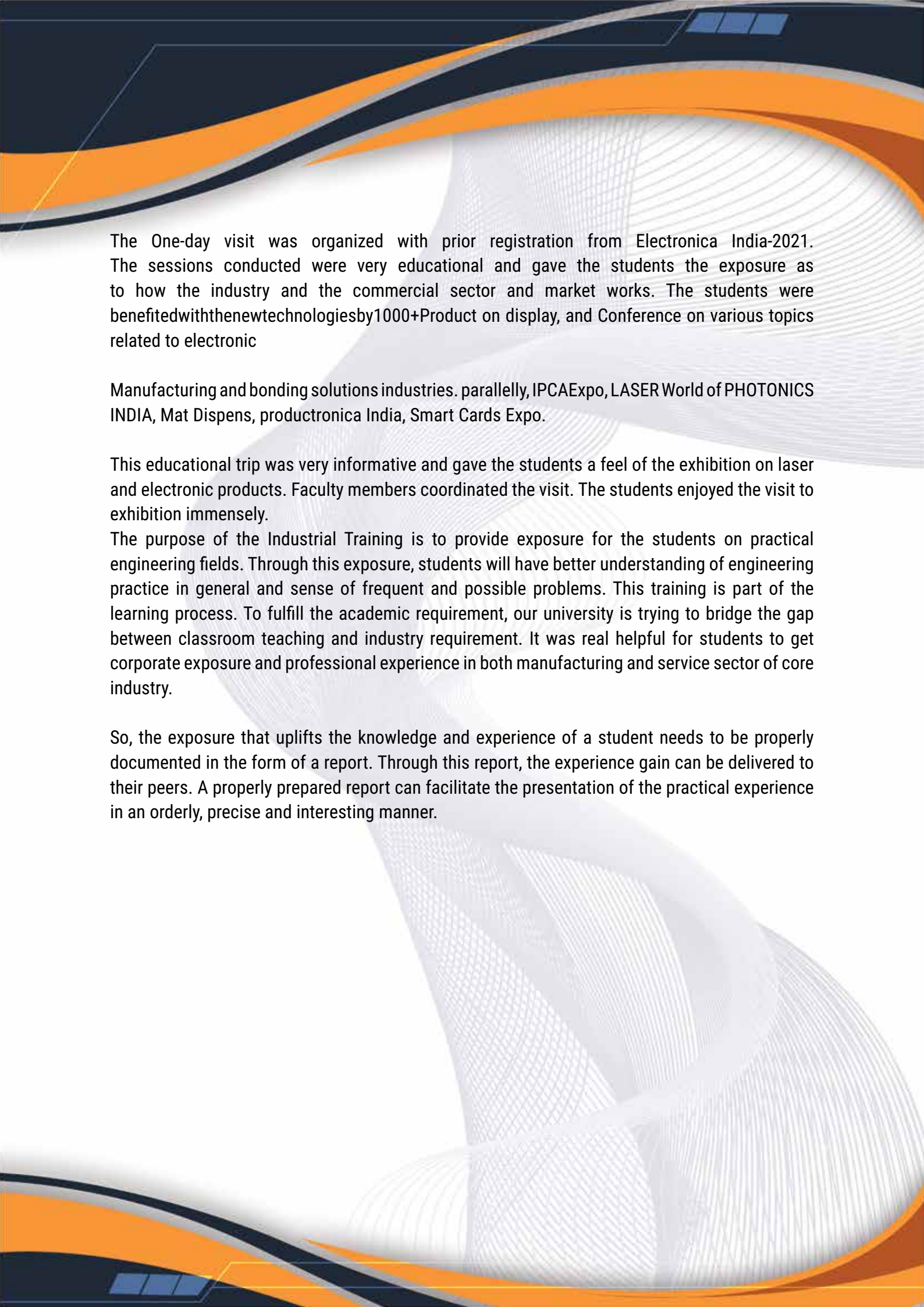
The Department of ECE organized an industrial visit for one-day visit to Electronica India-2021 at **BIEC, Bengaluru**, India. This visit was organized on 18th December 2021 for 3rd year ECE students. A total of 113 students visited the Centre.





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We are gladly & thankful to Principal, Dr. B. K Narendra and Head of the Department Dr. M. B. Anandaraju. Faculty members thank Urmi Kothari of Messe Muenchen India for registration process to visit and sharing information about Electronica India-2021.



The One-day visit was organized with prior registration from Electronica India-2021. The sessions conducted were very educational and gave the students the exposure as to how the industry and the commercial sector and market works. The students were benefited with the new technologies by 1000+ Product on display, and Conference on various topics related to electronic

Manufacturing and bonding solutions industries. parallelly, IPCA Expo, LASER World of PHOTONICS INDIA, Mat Dispers, productronica India, Smart Cards Expo.

This educational trip was very informative and gave the students a feel of the exhibition on laser and electronic products. Faculty members coordinated the visit. The students enjoyed the visit to exhibition immensely.

The purpose of the Industrial Training is to provide exposure for the students on practical engineering fields. Through this exposure, students will have better understanding of engineering practice in general and sense of frequent and possible problems. This training is part of the learning process. To fulfill the academic requirement, our university is trying to bridge the gap between classroom teaching and industry requirement. It was real helpful for students to get corporate exposure and professional experience in both manufacturing and service sector of core industry.

So, the exposure that uplifts the knowledge and experience of a student needs to be properly documented in the form of a report. Through this report, the experience gain can be delivered to their peers. A properly prepared report can facilitate the presentation of the practical experience in an orderly, precise and interesting manner.

Visit to Vishwa shanthi ashrama:

On 18th December 2021 Department had organized a visit to Vishwa Shanthi Ashrama at Arshinakunte, Nelamangala for 5th Semester students.



Students of ECE 5th semester visited the Vishwa Shanti Ashram in Arasinakunte village on Bangalore-Tumkur highway established in the year 1982 to promote international peace and understanding. The Vishwa Shanthi Ashram is spread over 15 acres of land and houses some beautifully designed temples. Students who visited ashram got a spiritual knowledge; especially learnt about the Mahabharatha where Lord Shri Krishna took his supreme form as Vishwaroopa to guide Arjuna in the battle and the same is written as "Bhagavadgita" where lord himself has explained the purpose of human life. Student learnt about Saptharishi's (seven sages) – that they represent seven stars representing seven rishis, namely "Vashistha", "Marichi", "Pulastya", "Pulaha", "Atri", "Angiras" and "Kratu". They also learnt about life savior rivers of India namely – Ganga, Yamuna, Brahmaputra, Narmada, Kaveri, Godavari, Krishna.

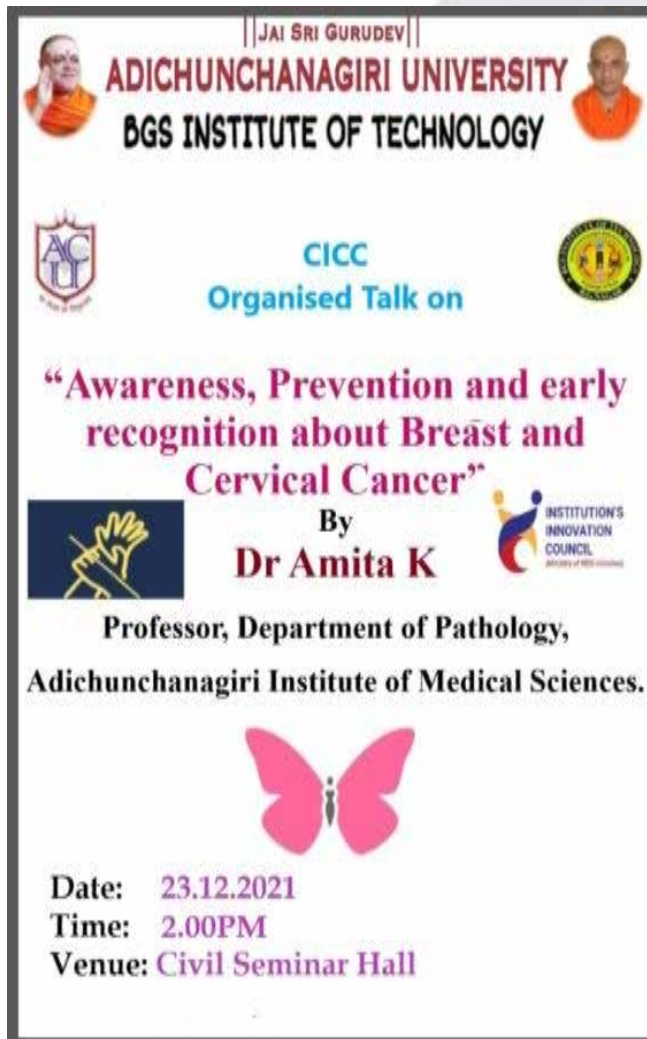
ITS SMART IDEATHON NATIONAL LEVEL IDEA PITCH FEST 2021

Students of 5th Semester BE (ECE) participated in “**Smart Ideathon National Level Idea Pitch Fest 2021**” a flagship event presented by IEEE – Information Theory Society Bangalore Chapter at Maharaja Institute of Technology on 28th November 2021.



A TALK ON "AWARENESS, PREVENTION AND EARLY RECOGNITION ABOUT BREAST AND CERVICAL CANCER"

Dr. Amita K, Professor, Department of Pathology, AIMS, B G Nagara – gave an awareness programme on "Breast and Cervical Cancer along with its early detection and prevention" on 23rd December 2021 at Civil Seminar Hall, BGSIT. All the women staffs & students witnessed the programme and Prof. Shashikala S V felicitated the Dr. Amita K during the valedictory.



The poster is for a talk organized by the CICC (Central Institutional Cancer Council) at Adichunchanagiri University, BGS Institute of Technology. The talk is titled "Awareness, Prevention and early recognition about Breast and Cervical Cancer" and is presented by Dr. Amita K, Professor in the Department of Pathology at Adichunchanagiri Institute of Medical Sciences. The event took place on 23.12.2021 at 2.00PM in the Civil Seminar Hall. The poster features logos of the university, the CICC, and the Institution's Innovation Council. It also includes a pink butterfly logo and a Google map location pin for Javarana Hally, Karnataka, India.

ADICHUNCHANAGIRI UNIVERSITY
BGS INSTITUTE OF TECHNOLOGY

CICC
Organised Talk on

"Awareness, Prevention and early recognition about Breast and Cervical Cancer"

By
Dr Amita K

Professor, Department of Pathology,
Adichunchanagiri Institute of Medical Sciences.

Date: 23.12.2021
Time: 2.00PM
Venue: Civil Seminar Hall



IDEATHON-2021

On 4th June 2021, 6th semester students team **"AVENGER'S"** comprising of – Mithan M R, Likhitha K N and Namratha Priya S R proposed the idea of "Smart monitoring and treatment for COVID-19 victims" at **"IDEATHON-2021"** organized by Department of Electronics and Communication Engineering, GSSS Institute of Engineering and Technology for Women, Mysuru. The team received **"BEST IDEA AWARD"** for their idea entitled "Smart monitoring and treatment for COVID-19 victims" at **"IDEATHON-2021"**.



WINNERS IDEATHON- 2021

Organized by GSSS Institute of Engineering and Technology for women ,Mysuru
Team- Avenger's
College:- BGS INSTITUTE OF TECHNOLOGY, MANDYA

Problem statement: Smart monitoring and treatment for COVID-19 victims

PARTICIPANTS:





Likhitha K N
6th sem, Dept. of ECE

Mithan M R
6th sem, Dept. of ECE

Namratha priya S R
6th sem, Dept. of ECE

MENTOR:




Mr. MANOJ KUMAR S B, B. E. M. Tech, PhD
Assistant Professor, Dept. of ECE
BGSIT, DG Nagar

Received **BEST IDEA** award for title **Smart monitoring and treatment for COVID-19 victims** in **"IDEATHON-2021"**
Competition organized by the Department of Electronics and Communication Engineering , GSSSIETW, Mysuru on 4th June 2021

ETHNIC DAY CELEBRATION



Adichunchanagiri University
BGS Institute of Technology
Nagamangala Taluk, Mandya District, Karnataka



ಐಕರ್ಮಕರ್ಮ

ethnic day - ಸಂಕ್ರಮಣ

Classic never goes out of style

Venue : Mechanical Dept

23rd December 2021

Time : 11am to 4pm

On 23rd December 2021, 7th Semester BE (ECE) Students and Staffs wore traditional attires and participated in **"SAMSKARAM-ETHNIC DAY, 2021"**.



AATA-SPORTS DAY 2022

Our Students were winners in Kho-Kho and Runners in Kabaddi and Volley ball in the annual sports – AATA 2022, for the academic year 2021-22.



TREASURE HUNT 2021

Students of 5th & 7th Semester BE (ECE) participated in **"TREASURE HUNT 2021"** An event organized by Mrs. Ramya K and Ms. Nischitha S, Assistant Professor, Department of Electronics and Communication Engineering, BGSIT on 19th November 2021.




FOOD FESTIVAL 2021

On 17th November 2021, 5th & 7th Semester BE (ECE) Students participated in **"Paakashala – Food Festival, 2021"** which provides a common platform for students to interact and enjoy with their faculty members and by tasting wide varieties of Indo - Chinese cuisines. The Food Festival was celebrated in the Open Air Auditorium, Department of Mechanical Engineering, BGSIT, BG Nagara.



Adichunchanagiri University
BGS Institute of Technology
Organizes



ADICHUNCHANAGIRI
UNIVERSITY

FOOD FESTIVAL-2K21




CHEF



paakashala


For a Tasteful Experience...



CHEF

Date: 17-Dec-2021
Time: 10 AM
Venue: Mechanical Block

**Principal
HOD
Staff &
Students**



FRESHER'S DAY 2021

Students of 5th Semester BE (ECE) organized "**FRESHER'S DAY - 2021**" for 3rd semester BE (ECE) students at Seminar Hall, Department of Electronics and Communication Engineering, BGSIT on 24th December 2021. The highlight of the event were cultural performances given by 5th semester students and games for the 3rd semester students were really exciting and finally dancing to the beat of music, which was later followed by having high tea.



QUIZ "CHALLENGE ON ELECTRONICS" - 2021

Students of 3rd & 5th Semester BE (ECE) participated in "**QUIZ –CHALLENGE ON ELECTRONICS - 2021**", an event organized by Innovation and Science Club, Department of Electronics and Communication Engineering, BGSIT on 12th November 2021. Nearly 20 teams of 3rd & 5th Semester BE (ECE) students participated in quiz competition.



Presence of Dr. M B Anandaraju, Dr. K N Muralidhara and other dignitaries glorified the event. The students of both 2nd and 3rd year of 48 teams participated as 100 members along student's coordinators of final year of ECE. The Technical Quiz consisted of 2 rounds and round-1 answers are evaluated by our teaching faculties and selected top-5 teams for round-2. Finally, in round-2 best-two teams got prize.



ADICHUNCHANAGIRI UNIVERSITY

(Formerly BGSIT)

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