

| | Jai Sri Gurudev | |

Sri Adichunchanagiri Shikshana Trust (R.)



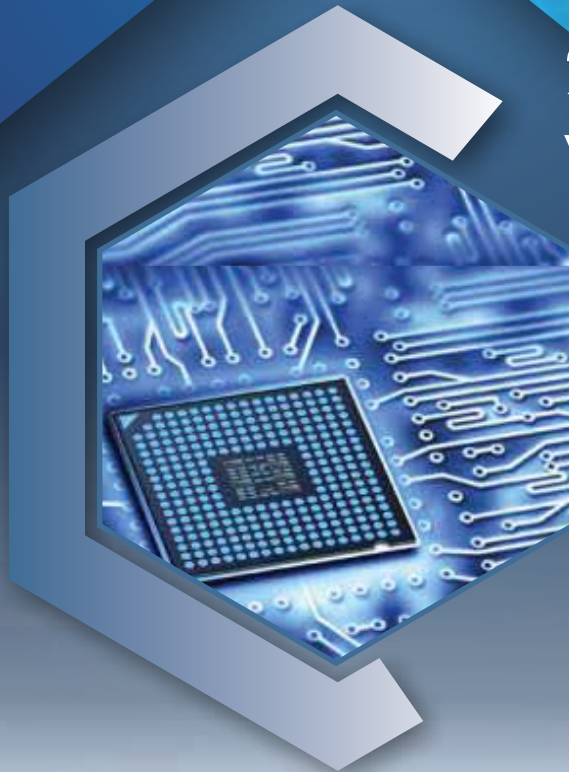
B.G.S. INSTITUTE OF TECHNOLOGY

Department of
Electronics & Communication
Engineering

SAMVAHANA

News Letter
2020-2021

VOLUME 5 ISSUE 1



2020-2021 ODD SEM
1st August 2020-31st December 2020



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.



Principal Message:

I am very happy to know that the department of E&C bringing out their Departmental magazine. Many events take place in an engineering college during the semester that goes unnoticed by those not directly involved. This magazine lets everyone in college know about the Activities. This is an easy and accurate way of recording important events that have been conducted in college and this information can be used for the purpose of NAAC, NBA or other accreditation process. It is also a platform which helps as disseminating the information to

all the Stakeholders i.e., Parents, students, Teachers, Industrialists & public at large.

The placement activities have been the highlight of BGSIT, with over 50+ reputed companies from different fields of engineering & Management visiting the campus & as many as 356+ offers being received by our students.

Thanks & Best Wishes to the Editorial committee for having brought out this Departmental magazine.



HOD'S Message

As head of the department, I would like to congratulate the coordinators for bringing this issue of the departmental magazine. The Electronics and Communications Engineering department strives for academic excellence through experienced and dedicated faculty. In this context, the department magazine becomes a platform to create an atmosphere that promotes creativity and innovation in all the areas of electronic and communication engineering. Personally, I believe that this magazine is a platform for every member in the department both faculties and

students in order to create, share, and use new knowledge. With this message I wish the coordinators all the best for their future projects. Let this be a platform to explore new trends and gain new ideas.

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.



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BGS Institute of Technology

Department of Electronics and 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

- M1. 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
- M2. To train the students with entrepreneurship qualities, multidisciplinary knowledge and latest skill sets as required for industry, competitive examinations, higher studies and research activities.
- M3. To mould the students into professionally-ethical and socially-responsible engineers of high character, team spirit and leadership qualities.

◆ PROGRAM EDUCATIONAL OBJECTIVES (PEOs).

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

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

◆ PROGRAM SPECIFIC OUTCOMES (PSOs).

- PSO 1. To apply the knowledge of Electronics and Communication Engineering as well as automation tools to create electronic circuits, systems and solutions.
- PSO 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.

Events

15th August 2020

Independence Day Celebration



On 15th August 2020, Celebrated Independence in the premises of BGSIT All the heads of the Department and Students celebrated the National Festival

August 20th

SADBHAVANA DIVAS celebration at BGSIT Campus



Sadbhavana Diwas 2020 It is observed on 20 August every year to commemorate the birth anniversary of former Prime Minister Rajiv Gandhi. Tributes are pouring from everywhere on his birth anniversary. Rajiv Gandhi had the vision of a developed nation via many national as well as international projects that he pioneered. **Faculties of ECE Department** has participated in this event.

August 27th

ACU - BGSIT, Electronics and Communication Engineering has Inaugurated "BGSIT IEEE Student Branch" at BGSIT Campus

"BGSIT IEEE Student Branch"



An IEEE Student Branch provides opportunities to meet and learn from fellow IEEE Student and Graduate Student Members and engage with professional IEEE members locally. An active IEEE Student Branch can be one of the most positive elements of academic career, offering programs, activities, and professional networking opportunities that build critical skills outside of the classroom. IEEE currently has Student Branches at thousands of universities and colleges in hundreds of countries throughout the world

Gandhi Jayanti



On 2nd October 2020, 151st birth anniversary of Mahatma Gandhi was celebrated at BGSIT Seminar Hall.

World Sight Day



Department of ECE has celebrated world sight day on 8th October 2020 at BGSIT Seminar Hall. World Sight Day 2020 was organized to create awareness on blindness and vision impairment on 8th October 2020, Thursday at BGS Seminar Hall.

Prof. & Dr. S Chandrashekar Shetty, Hon'ble Vice Chancellor, ACU and an renowned Ophthalmologist was the Chief Guest and gave an brief insight about the application of technology in the field of Ophthalmology.

Condolence ceremony to Late Mr. Puneeth Kumar G B



Condolence ceremony to Late Mr. Puneeth Kumar G B, Asst Professor, Department of ECE on 14th October 2020, Wednesday at BGSIT Seminar Hall. Dr M B Anandaraju, Professor and Head, Department of ECE, Teaching and Non Teaching Staffs of ECE Department were present.

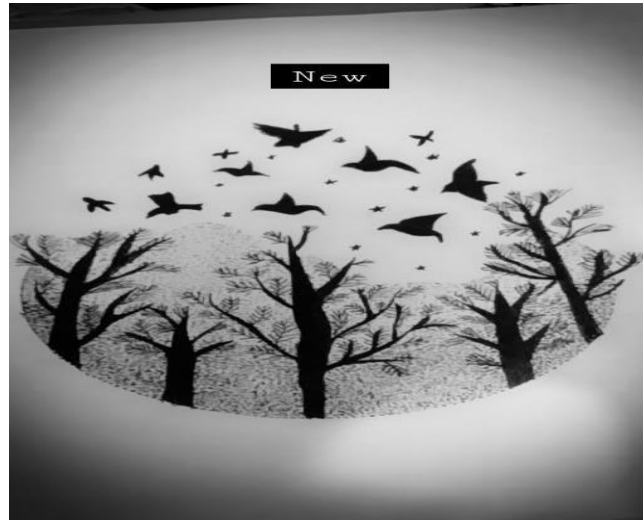
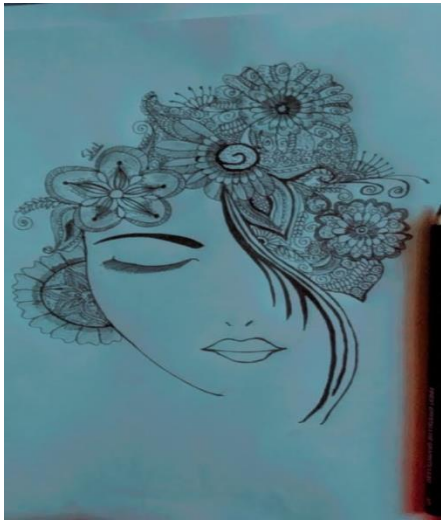
Teacher's awareness Program



BGSIT has organized teacher's awareness program on 13th November 2020 for introducing the modern techniques and best teaching practices in engineering education. Department of ECE Faculties has attended the program.

ART BY STUDENTS OF ECE

5th SEMESTER SHALINI R (18ECE094) ZENTANGLE ARTS

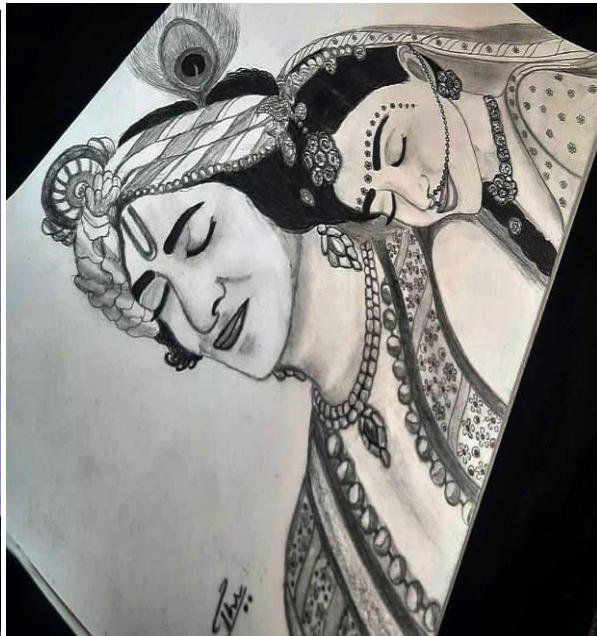
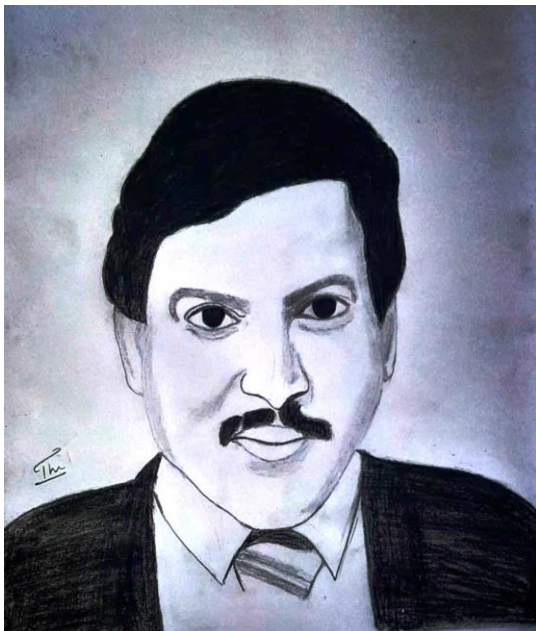
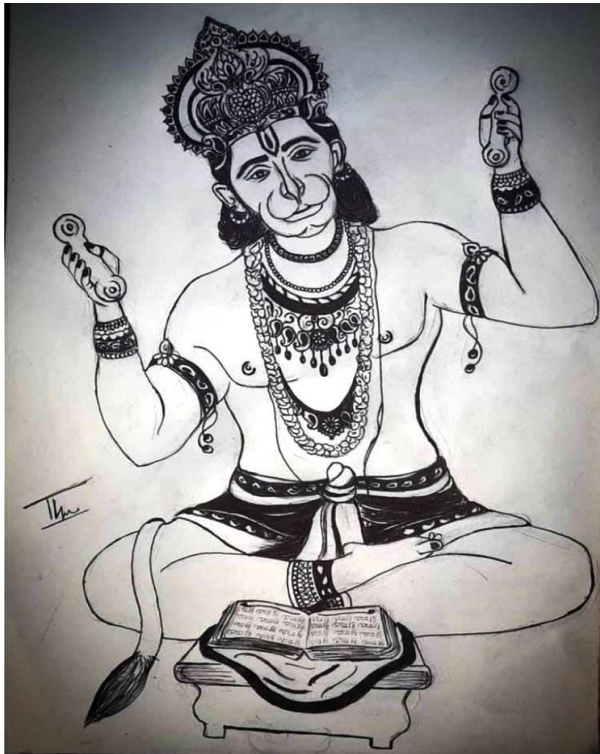


3rd SEMESTER

RAMYA. K L (19ECE089) PENCIL SKETCH



THUSTHI



Students Participated in Different Events.

SL. NO	NAME	USN	TYPE OF EVENT	NAME OF EVENT	DATE OF EVENT	PLACE OF THE EVENT
1	MITAN M R	18ECE052	STUDENT SKILL ENHANCEMENT PROGRAM	PYTHON FOR DATA SCIENCE	18-04-2020 TO 25-04-2020	FORSK CODING SCHOOL
2	AKASH H M	18ECE004	WEBINAR	DATA SCIENCE	27 TH MARCH 2021	IETE MYSURU CENTRE The Institution of Electronics & Telecommunication Engineers Mysuru Centre
3	AKASH H M	18ECE004	WEBINAR	YOGA FOR MINDFULNESS	14 TH MARCH 2021	IEEE MYSORE SUB SECTION
4	CHETHAN S	18ECE	TREASURE HUNT	TREASURE QUEST	01-07-2020	VVCE, MYSURU
5	CHETHAN S	18ECE	ONLINE COURSE	INTRODUCTION TO DIGITAL MARKETING	JUNE 2020	GREAT LEARNING ACADEMY
6	AKASH H M	18ECE004	WEBINAR	PERSONALITY DEVELOPMENT	6-03-2021	IEEE MYSORE SUB SECTION
7	BHARATH D S	18ECE	HACKATHON	NATIONAL LEVELHACKTHON 3.0 ON CYBER SECURITY AND ETHICAL HACKING	4 TH OCTOBER 2019	MIT, MYSURU
8	MITAN M R	18ECE052	HACKATHON	NATIONAL LEVELHACKTHON 3.0 ON CYBER SECURITY AND ETHICAL HACKING	4 TH OCTOBER 2019	MIT, MYSURU
9	MITAN M R	18ECE052	CODE VIBES	CODING CONTEST	24-10-2019 AND 25-10-2019	GMIT, BHARATHINAGAR
10	CHETHAN S	18ECE	ONLINE COURSE	ARTIFICIAL INTELLIGENCE PRESENTATION CREATION CERTIFICATION	01-09-2020	UDEMY
11	MITAN M R	18ECE052	QUIZ	ONLINE QUIZ ON OBJECT ORIENTED CONCEPTS	17-6-2020	VIVEKANADA INSTITUTE OF TECHNOLOGY
12	MITAN M R	18ECE052	QUIZ	ONLINE QUIZ ON COMPUTER GRAPHICS	17-6-2020	VIVEKANADA INSTITUTE OF TECHNOLOGY
13	MITAN M R	18ECE052	QUIZ	SYSTEM MODELING AND SIMULATION	17-6-2020	VIVEKANADA INSTITUTE OF TECHNOLOGY

14	MITAN M R	18ECE052	QUIZ	INTERNET OF THINGS	17-6-2020	VIVEKANADA INSTITUTE OF TECHNOLOGY
15	MITAN M R	18ECE052	QUIZ	DATA COMMUNICATION	17-6-2020	VIVEKANADA INSTITUTE OF TECHNOLOGY
16	MITAN M R	18ECE052	WEBINAR	Career Insights & Way forward- Post Covid	15-01-2021	The Institution of Electronics & Telecommunication Engineers Mysuru Centre
17	MITAN M R	18ECE052	FIVE DAY WORKSHOP	Analysis of Linear Systems	26th to 30th August 2020.	VIDYAVARDHAKA COLLEGE OF ENGINEERING MYSURU
18	CHETHAN S	18ECE	ONLINE COURSE	INTRODUCTION TO C PROGRAMMING	18-06-2020	TCS ION DIGITAL LEARNING HUB NPTEL
19	CHETHAN S	18ECE	ONLINE COURSE	COMMUNICATION SKILLS	01-06-2020	TCS ION
20	NAMRATHAPRIYA S R	18ECE055	ONLINE QUIZ	IOT	17-06-2020	VIVEKANANDA INSTITUTE OF TECHNOLOGY
21	31	MITAN M R	18ECE052	ONLINE Internship	INTERNET OF THINGS	17th SEPTEMBER to 16th OCTOBER 2020.
22	32	MITAN M R	18ECE052	VIRTUAL WORKSHOP INSTITUTION INNOVATION COUNCIL	PROBLEM SOLVING AND IDEATION	4 TH DECEMBER 2020
23	NAMRATHAPRIYA S R	18ECE055	WEBINAR	IOT AND TINYML:NEW ERA OF SMART OBJECTS	26 TH MARCH 2021	IETE MYSURU CENTRE The Institution of Electronics & Telecommunication Engineers Mysuru Centre
24	NAMRATHAPRIYA S R	18ECE055	ONLINE QUIZ	DATA STRUCTURES	17-06-2020	VIVEKANADA INSTITUTE OF TECHNOLOGY
25	MITAN M R	18ECE052	ONLINE CERTIFICATION COURSE	C PROGRAMMING AND ASSEMBLY LANGUAGE	SEP-OCT 2020	NPTEL
26	NAMRATHAPRIYA S R	18ECE055	ONLINE QUIZ	COMPUTER GRAPHICS	17-06-2020	VIVEKANADA INSTITUTE OF TECHNOLOGY

27	NAMRATHAPRIYA S R	18ECE055	FIVE DAY WORKSHOP	Analysis of Linear Systems	26th to 30th August 2020.	VIDYAVARDHAKA COLLEGE OF ENGINEERING MYSURU
28	NAMRATHAPRIYA S R	18ECE055	WEBINAR	“Novel Two-Factor Honey Token Authentication Mechanisms”	8-03-2021	IEEE Information Theory Society (ITS) Bangalore Chapter
29	NAMRATHAPRIYA S R	18ECE055	QUIZ	ONLINE QUIZ ON OBJECT ORIENTED CONCEPTS	17-6-2020	VIVEKANADA INSTITUTE OF TECHNOLOGY
30	MITAN M R	18ECE052	WEBINAR	ARTIFICIAL INTELLIGENCE	24-06-2020	SYMPOSIUM IITM



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