

| | Jai Sri Gurudev | |

Sri Adichunchanagiri Shikshana Trust (R.)



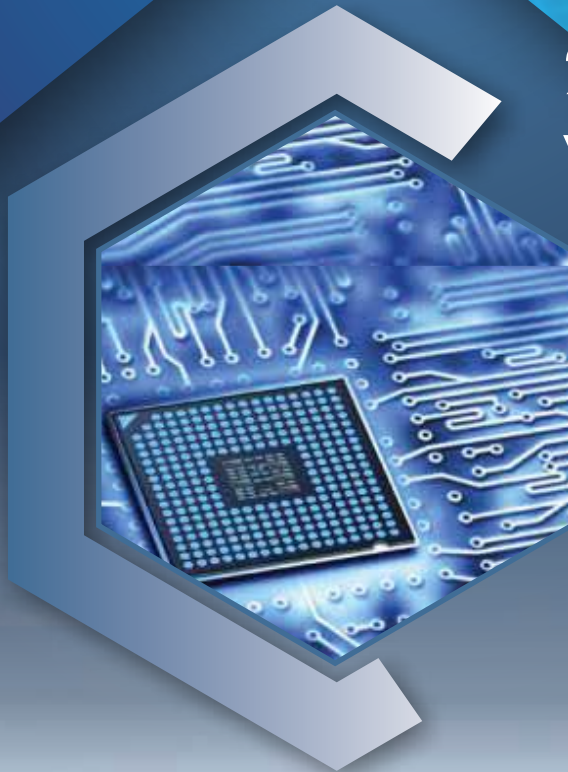
# B.G.S. INSTITUTE OF TECHNOLOGY

Department of  
Electronics & Communication  
Engineering

# SAMVAHANA

News Letter  
2020-2021

VOLUME 5 ISSUE 2



**2020-2021 EVEN SEM**  
**1st January 2020-31st August 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.

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### **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.



I Jai Sri Gurudev I

# 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.

## TOPPERS OF ODD SEMESTER

### 3<sup>RD</sup> SEM TOPPERS



PREETHI L

19ECE080

9.88



RAKSHITHA C S

19ECE084

9.85



PAVITHRA N P

19ECE072

9.35

### 5<sup>TH</sup> SEM TOPPER



YASHWANTH GOWDA P

18ECE117

9.20



MANASA B

18ECE050

9.12



TANYEEM ATHAR

18ECE106

9.00

### 7<sup>TH</sup> SEM TOPPERS



SUMANTH N S

4BW17EC095

696/800



PRIYANKA P S

4BW17EC071

692/800



MANUSHREE

4BW17EC042

691/800

## DEPARTMENT EVENTS

### Inaugural Function for First year students



On 12<sup>th</sup> February 2021, BGSIT had organized for the “INDUCTION PROGRAM” for the First Year Students for the academic year 2020-21. Department of ECE students are participated in the program.

### Orientation program on Stress management



BGSIT organized Orientation program on "Stress Management" on 5<sup>th</sup> February 2021 and all the Faculty members of ECE and students participated in the event. Dr. Shivakumar BK, Associate Professor, Department of Psychiatry, AIMS and Dr. Vinay HR, Assistant Professor, Department of Psychiatry, AIMS were the chief guests.



## BGS Statue Inauguration



On 12<sup>th</sup> February 2021, Padmabhushana Paramapoojya Jagadguru Sri Sri Sri Dr. Balagangadharanatha Mahaswamiji's statue was inaugurated by Paramapoojya Jagadguru Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji at BGSIT Campus.

Balagangadharanatha Mahaswamiji's statue inauguration pooja was held at BGSIT. It was performed in the divine presence of Nirmalanandanath Mahaswamiji. Respected Swamiji of Shri Adichunchanagiri Branch Mutt, Deputy Chief Minister Shri Dr. C N Ashwathnarayan, Vice Chancellor, Principal, Professors and students of BGSIT were present in the program.

## Induction Program at BGS Auditorium, AIMS Campus





BGSIT has organized Induction Program for First year students on 12<sup>th</sup> February 2021 and all the Students, Parents, Faculty members actively participated in the Event.

ACU conducted Induction Program on 12.02.2021 at BGS Auditorium for first year students of all constituent colleges. Sri Sri Sri Dr. Nirmalanandanatha Mahaswamiji Hon'ble Chancellor, Adichunchanagiri University, Chief Guests are Deputy Chief Minister Shri Dr. C N Ashwathnarayan and Mrs Meena Nagraj IAS officer was present in the program.

### **Teachers day and Fresher's day**





3<sup>rd</sup> year Department of ECE students organized Teacher's day and Fresher's day and all the faculty members and 2<sup>nd</sup> year Department of ECE students attended the event on 16/2/2021 in BGSIT Seminar Hall.

### International Women's Day



On March 8<sup>th</sup> 2021 BGSIT has organised celebration of International Women's day and Department of ECE members actively participated .And also department senior faculty member Shalini K J and Prabhavathi K honoured by higher authority.

## Awareness Program on Corona Do's & Don'ts



The BGS Institute of Technology organized Awareness Program on Corona Do's & Don'ts program in collaboration with Adichunchanagiri Institute of Medical Science on 16<sup>th</sup> March 2021 Department of ECE students and others attended the event.

## KSCST 44<sup>th</sup> SPP 2020-21

Five projects have been selected for funding under KSCST 44<sup>th</sup> SPP 2020-21.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY							
Indian Institute of Science Campus, Bengaluru – 560 012							
Website: <a href="http://www.kscst.iisc.ernet.in/spp.html">http://www.kscst.iisc.ernet.in/spp.html</a>    Email: <a href="mailto:spp@kscst.iisc.ernet.in">spp@kscst.iisc.ernet.in</a>    Phone: 080-23341652, 23348840/48/49							
44 <sup>th</sup> Series of Student Project Programme: 2020-21							
List of Student Project Proposals Approved for Sponsorship							
18. B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA							
Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
89.	44S_BE_2236	SWADESHI HI-TECH ROBOT FOR TEACHING	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. MANOJ KUMAR S B Mrs. KAVITHA B C	Ms. POOJA A C Ms. SUCHITHRA K M Ms. SUPRITHA B M Ms. SUSHMA U J	4500.00
90.	44S_BE_2237	EMBEDDED BASED HEART RATE MEASURING (HRM) DEVICE USING FINGERTIP	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Ms. LAKSHMI D L Dr. NAVEEN K B	Ms. CHANDANA B Ms. NANDITHA S A Ms. DHANALAKSHMI G K Ms. JAYALALITHA N G	5000.00
91.	44S_BE_2238	NON-INVASIVE WEARABLE GLUCOSE LEVEL MONITORING THE CORONA VIRUS PANDEMIC	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mrs. ANUSHA M N	Mr. THEJAS M N Mr. PRAJWAL R Mr. PAVAN KUMAR V Mr. CHANDAN C R	5000.00
92.	44S_BE_2239	DESIGN AND FABRICATION OF FINGER MOVEMENT CONTROLLED WHEELCHAIR FOR DIFFERENTLY ABLED PERSON	MECHANICAL ENGINEERING	B.E.	Mr. SANTHOSH KUMAR T C	Mr. RAJESHA N Mr. UMESH M Mr. GAGAN KUMAR H S Mr. TIRUMALA MASTAPPANAIL	7000.00
93.	44S_BE_3593	COVID-19 : FACE MASK DETECTOR AND ALARM SYSTEM USING RASPBERRY PI	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. MANOJ KUMAR S B Dr. NAVEEN K B	Ms. SUSHMITHA R Ms. SHREEGOWRI K BOODI Ms. SHREYA H C Ms. VIDYASHREE S	4000.00
94.	44S_BE_4409	WEARABLE DEVICE TO TRACK COVID-19	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mrs. RAMYA K Mr. MANOJ KUMAR S B	Ms. ARPITHA K M Ms. CHAITHRA H B Ms. HARSHITHA H R Mr. NITHIN M R	6000.00

13/05/2021

## Technical Talk on “Artificial Intelligence” UNDER IEEE



The poster is for a technical talk organized by the IEEE BGSIT Student Branch in association with the IEEE Bangalore Section. It features the logos of Adichunchanagiri University, BGS Institute of Technology, and IEEE. The speaker is Dr. D. N. Sujatha, Chair Student Activity Committee-2021, IEEE Bangalore Section. The organizing committee includes Dr. M. B. Anandaraju, Dr. Naveen K. B., and Dr. Naveen S. The event is scheduled for 13/05/2021 from 3-4pm. Registration is available at <https://forms.gle/R5qutL3Gnb9s4prvBA>. Contact information for queries is provided at the bottom.

On 13th of May 2021 Depttment of ECE has organised technical talk on “Artificial Intelligence” UNDER IEEE BGSIT STUDENT BRANCH the organizing committee was Dr M B Anandaraju and other co-ordinators of ECE department and more than 100 students of ECE branch has been participated in the Event

15/05/2021

## Internship Placement Preparation, Career Planning for Engineering Students UNDER IEEE



The poster is for a webinar organized by the Department of Electronics and Communication Engineering at Adichunchanagiri University, BGS Institute of Technology. It is organized in association with Tequed Labs and the Establishment of Renewable Smart Grid Laboratory, JSSATE, Bengaluru. The speaker is Mr. Supreeth Y. S., Facebook India Ambassador, Hacker Earth Ambassador, and CEO of Tequed Labs. The webinar is held on May 15, 2021, Saturday, at 11:30 AM. The online platform is Zoom. Registration is available at <https://cutt.ly/lbA4ktl>.

Department of Electronics and communication engineering organized webinar on Internship Placement Preparation, Career Planning for Engineering Students UNDER IEEE in association with Tequed Labs Speaker was Mr.Supreeth Y S Face book India

Amabassador Hacker earth amabassador CEO TEQUED LABS on 15<sup>th</sup> May 2021 through a online platform Zoom

17/05/2021 Department of ECE Organized webinar on “Career Pathway and Study Abroad Opportunities” UNDER IEEE

|| Jai Sri Gurudev ||

**ADICHUNGANAGIRI UNIVERSITY**  
**BGS Institute of Technology**  
B.G. Nagara – 571448, Mandya District

Department of Electronics and Communication Engineering

Organizes Webinar on

**Career Pathway and Study Abroad Opportunities**

**Speaker:**  
**Mr. JOEL NORONHO**  
Head of Operations  
Karnataka & Kerala, AECC, Global

**Organizing Committee:**

**Dr. M.B Anandaraju**  
IEEE Senior Member,  
Chair Industry Relations  
& Sponsorship, IEEE  
Mysore Subsection,  
BGSIT, Mandya

**Dr. Naveen K B**  
IEEE Senior  
Member, CAS  
District Co-  
ordinator, BGSIT  
Mandya

**Dr. Naveen B**  
IEEE Senior  
Member, Branch  
Counselor, BGSIT  
Mandya

**Mr. Mithan M R** IEEE Student Chair, BGSIT, Mandya  
Ph:+91-9845758236

**May 17, 2021**  
**Monday, 03.00 PM**

**Online Platform:**  
**livestorm**

<https://app.livestorm.co/aecc-global-india/102-or-bgs-institute-of-technology-e-and-ce-dept-or-aecc-bangalore?type=detailed>

**REGISTER NOW**

On 17<sup>th</sup> May 2021 Department of ECE Organized webinar on “Career Pathway and Study Abroad Opportunities” UNDER IEEE STUDENT BRANCH by Mr.JOEL NORONHAO HEAD OF OPERATIONS KARNATAKA AND KERALA AECC GLOBAL .By this webinar students got knowledge regarding their career.

12/06/2021

## Inauguration of BGSIT IEEE CAS Student Chapter and Webinar on Fighter Aircraft Technologies” UNDER IEEE

**[JAI SRI GURUDEV]**  
**ADICHUNCHANAGIRI UNIVERSITY**  
**BGS Institute of Technology**  
BG Nagara – 571448, Mandya District

Department of Electronics and Communication Engineering  
Presents  
**IEEE** **IEEE**  
Inauguration of BGSIT IEEE CAS Student chapter  
**IEEE CAS**

**Chief guest** **Key note Speaker** **Convener** **Guest of honour**

**Dr. Devesh Dwivedi**  
Chair, CAS Bangalore Chapter  
Dr. N.N.S.S.R.K. Prasad  
Outstanding scientist Emeritus HD  
Aeronautical Development Agency  
Vimanapura Post, Bangalore  
**Dr. Narendra B K**  
Principal, BGSIT  
**Dr. Parameshchhari B**  
Professor & Head, Dept. of ECE  
GSSSETW, Mysuru Secretary IEEE CAS  
Bangalore Chapter

**Organizing Committee**

**Dr. M B Anandraj**  
EXECOM member, Chair  
Industry Relations &  
Sponsorship, IEEE Mysuru  
Subsection, BGSIT,  
Mandya  
**Dr. Naveen K B**  
CAS District Coordinator, BGSIT  
Mandya  
**Dr. Naveen B**  
Search Counselor, BGSIT  
Mandya

Registration Link: <https://forms.gle/2aJM71ra95RqFzg66>  
12<sup>th</sup> June 2021 6:00 PM (IST.)  
For any queries contact: [milhanmr@ieee.org](mailto:milhanmr@ieee.org), Milhan M R, Student chair IEEE BGSIT

On 12<sup>th</sup> June 2021 Department of ECE Organized a Inagation of BGSIT IEEE CAS Student Chapter the chief guest was Dr.Dev Dwivediesh chair, CAS Bangalore chapter, Dr.N.N,S.S.R.K. Prasad outstanding Aeronautical Development agency vimanapura post, Bangalore was key note speaker and Dr.B K Narendra the principa of BGSIT was convener and Dr. Parameshchhari B was guest of Honour the students of ECE department has participated in this event.

13<sup>th</sup> JULY 2021

VACCINATION DRIVE FOR STUDENTS AND FACULTIES OF BGSIT “18+ VACCINATION DRIVE” ORGANISED BY ACU. On 13<sup>th</sup> and 14<sup>th</sup> July, 2021 Adichunchanagiri University - BGS Institute of technology, BG Nagara organised “Covid Vaccination Drive” in association with Department of Health and Family Welfare, Government of Karnataka & Adichunchanagiri Institute of Medical Sciences, Hospital and Research Center .The Vaccination Drive was inaugurated by Dr. B K Nagendra, Principal BGS Institute of Technology.



|| Jai Sri Gurudev ||

**ADICHUNCHANAGIRI UNIVERSITY**  
BGS Institute of Technology  
BG-Nagara – 571448, Mandya District

Department of Electronics and Communication Engineering

Organizes Webinar on  
**Internship, Placement Preparation, Career Planning for Engineering Students**

In Association with  
Establishment of Renewable Smart Grid Laboratory  
JSSATE, Bengaluru

**Speaker:**  
Mr. Supreeth Y S  
Facebook India Ambassador  
Hacker Earth Ambassador  
CEO, Tequed Labs

Online Platform:  
zoom

May 15, 2021  
Saturday, 11.30 AM

**REGISTER NOW**



|| Jai Sri Gurudev ||

**ADICHUNCHANAGIRI UNIVERSITY**  
**BGS INSTITUTE OF TECHNOLOGY**  
BG Nagara- 571448

In association with  
**Department of Health and Family Welfare**  
Govt, of Karnataka  
and  
**Adichunchanagiri Institute of Medical Sciences, Hospital and Research Center**

Documents Required -  
Aadhar Card &  
College ID Card

**18+ VACCINATION DRIVE**

Venue : BGSIT Campus      Date : 13th and 14 th July 2021      Time : 09-00am





23 JULY 2021

PROJECT EXHIBITION ORGANIZED BY DEPARTMENT OF ECE

[JAI SRI GURUDEV]

**ADICHUNCHANAGIRI UNIVERSITY**  
**BGS Institute of Technology**  
 BG Nagara – 571448, Mandya District

**Department of Electronics and Communication Engineering**  
 In association with  
**INNOVATION AND SCIENCE CLUB**  
 Dept. of ECE, BGSIT








**PROJECT EXHIBITION-2021**  
 23<sup>rd</sup> July 2021, Friday (9.30AM)

**Who can Participate?**  
 Any Semester Engineering Students can exhibit their projects  
 related to Electronics and Communication Domain

- ❖ PROJECT PROPOSALS IN ANY DISCIPLINE
- ❖ BATCH SIZE: 2-4STUDENTS
- ❖ CERTIFICATES TO ALL THE STUDENTS
- ❖ APPRECIATION CERTIFICATES TO GUIDES

**PRIZES for BEST PROJECTS**

General Chair:  
 Dr. B K Narendra, Principal, BGSIT  
 Program Chair:  
 Dr M B Anandaraju, HOD, Dept. of ECE  
 Convener:  
 Dr. Naveen K B, Assoc. Professor, Dept. of ECE  
 Coordinators  
 Prof. Manojkumar S B, Asst. Professor, Dept. of ECE  
 Prof. Goutham V, Asst. Professor, Dept. of ECE

Register @  
<https://forms.gle/xEKLrXyckiRR6qws7>  
 Contact us:  
 Email id: [hodeece@bgsit.ac.in](mailto:hodeece@bgsit.ac.in)  
 Ph. No.:8618710310



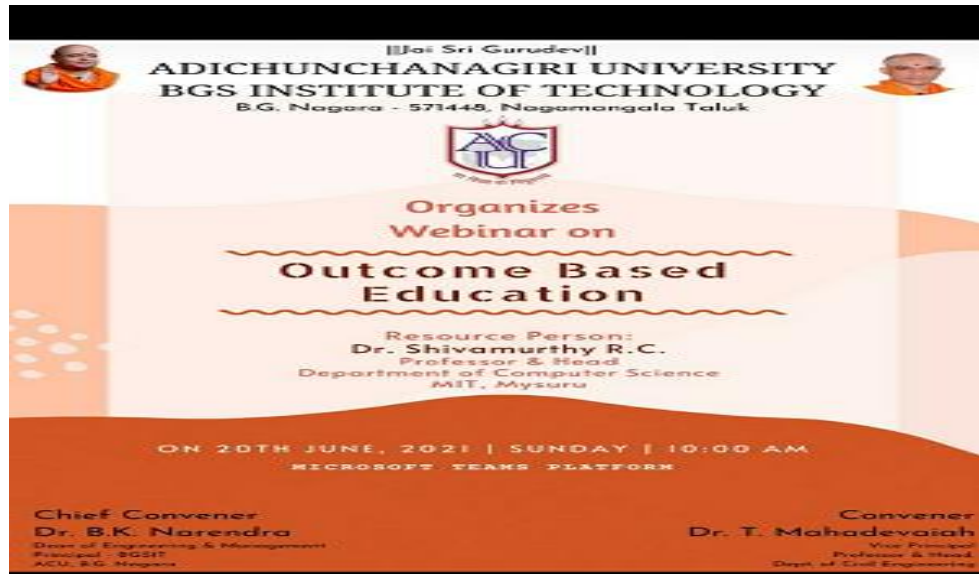
STUDENTS OF 8<sup>th</sup> SEMESTER Nanditha S A Dhanalakshmi G K Chandana B Jayalalitha N G Have Participated and won First Prize. PROJECT ENTITLED “EMBEDDED BASED HEART RATE MEASUREMENT”

STUDENTS OF 6<sup>th</sup> SEMESTER SANJAY H S HARISH VAIDESH PARTICIPATED IN PROJECT EXHIBITION PARTICIPATED AND WON SECOND PRIZE. PROJECT ENTITLED “HIGH NURSERY”



20 JUNE 2021

OUTCOME BASED EDUCATION THE EVENT ORGANIZED BY MBA DEPARTMENT THE FACULTIES OF DEPARTMENT ECE HAS PARTICIPATED IN THE WEBINAR.



**BGSIT HAS ORGANIZED FELICITATION CEREMONY AND FORMATION OF ISTE CHAPTER IN COLLABORATION WITH ISTE ON 25<sup>th</sup> March 2021 at BGS SEMINAR HALL DEPARTMENT OF ECE STAFF HAS PARTICIPATED AND RECEIVED ISTE CERTIFICATES**



## Photo gallery of 8<sup>th</sup> Semester students



**Passed out Students of 8<sup>th</sup> semester 2020-2021**

## STUDENTS ARE PARTICIPATED IN DIFFERENT EVENTS LIST.

SL. NO	NAME	USN	TYPE OF EVENT	NAME OF EVENT	DATE OF EVENT	PLACE OF THE EVENT
1	BHAVANI A U	18ECE015	PROJECT COMPETITION	NATIONAL LEVEL INTER COLLEGE PROJECT COMPETITION (ONLINE) DBIT TEXPO - 2021	4-08-2021	DBIT-KSCST
2	AKASH H M	18ECE004	WEBINAR	YOGA FOR MINDFULNESS	14 <sup>TH</sup> MARCH 2021	IEEE MYSORE SUB SECTION
3	AKASH H M	18ECE004	WEBINAR	DATA SCIENCE	27 <sup>TH</sup> MARCH 2021	IETE MYSURU CENTRE The Institution of Electronics & Telecommunication Engineers Mysuru Centre
4	AKASH S S	18ECE005	TCS'S GOIT	DIGITAL INNOVATION PROGRAM	21-12-2020	ONLINE
5	AKASH S S	18ECE005	WEBINAR	ARTIFICIAL INTELLIGENCE	24-06-2020	ZOOM APP ONLINE
6	AKASH S S	18ECE005	WEBINAR	INTELLIGENT RECEIVER DESIGNE AND FUTURE COMMUNICATION FOR 6G TECHNOLOGY	13-03-2021	IETE MYSURU CENTER
7	AKASH S S	18ECE005	WEBINAR	MATHEMATICAL PRECISION ANALYSIS OF DSP ALGORITHMS	7-05-2021	IEEE ITS BANGALORE
8	AKASH S S	18ECE005	WEBINAR	DATA SCIENCE	27-03-2021	IETE MYSURU CENTER
9	AKASH S S	18ECE005	INTERNATIONAL WEBINAR	ANTENNA ARAY PROCESSING FOR WIRELESS POWER TRANSFER IN NEAR FIELD APPLICATIONS	17-05-2021	IETE MYSURU CENTER
10	AKASH S S	18ECE005	IDEATHON	IDEATHON	04-07-2021	GSSSIETW
11	AKASH S S	18ECE005	WEBINAR	CAREER INSIGHTS AND A WAY FORWARD POST COVID	15-01-2021	IETE MYSURU CENTER
12	CHIRANJEEVI GOWDA	18ECE025	IDEATHON	IDEATHON	04-07-2021	GSSSIETW
13	CHIRANJEEVI GOWDA	18ECE025	5 <sup>TH</sup> NATIONAL LEVEL IEEE PROJECT COMPETITION	WI-FLY-TO COMBAT COVID-19 & NATURAL DISASTERS.	26-06-2021	GSSSIETW

			TION			
14	MITHAN M R	18ECE052	ATAL ACADEM Y	ONLINE ELEMENTRY FDP ON ARTIFICIAL INTELIGENCE	21-06-2021 TO 25-6-2021	AICTE ATAL ONLINE
15	MITHAN M R	18ECE052	ATAL ACADEM Y	ONLINE ELEMENTRY FDP	07-06-2021 TO 11-6-2021	AICTE ATAL ONLINE
16	MITHAN M R	18ECE052	ELECTRO BOTIS	ELECTRO- BOTICS	2021 ONLINE	IEEE RITB PES CHAPTER
17	LIKITHA K N	18ECE047	ELECTRO BOTIS	ELECTRO- BOTICS	2021 ONLINE	IEEE RITB PES CHAPTER
18	ADARSH M S	4BW17EC002	IETE ZONAL SEMINAR, OFFICE BEARERS CONCLAV E & ISF CONGRES S	A DESIGN IMPLEMEN TATION AND COMPARATI VE ANALYSIS OF AES USING VERILOG HDL	3-08-2021	ISF, DEPT OF ECE, GSSSIETW
19	MANOJI	4BW17EC041	IETE ZONAL SEMINAR, OFFICE BEARERS CONCLAV E & ISF CONGRES S	A DESIGN IMPLEMEN TATION AND COMPARATI VE ANALYSIS OF AES USING VERILOG HDL	3-08-2021	ISF, DEPT OF ECE, GSSSIETW
20	CHARRITH SRINIVAAS	4BW17EC023	IETE ZONAL SEMINAR, OFFICE BEARERS CONCLAV E & ISF CONGRES S	A DESIGN IMPLEMEN TATION AND COMPARATI VE ANALYSIS OF AES USING VERILOG HDL	3-08-2021	ISF, DEPT OF ECE, GSSSIETW
21	KIRAN A P	4BW17EC037	IETE ZONAL SEMINAR, OFFICE BEARERS CONCLAV E & ISF CONGRES S	A DESIGN IMPLEMEN TATION AND COMPARATI VE ANALYSIS OF AES USING VERILOG HDL	3-08-2021	ISF, DEPT OF ECE, GSSSIETW
22	ANUSHA A ALMAS BANU KAVITHA S	4BW17EC009 4BW17EC005 4BW17EC034	PROJECT EXIBHITI ON	DIAGNOSIS OF COVID-19 FROM X-RAY USING MACHINE LEARNING	23-07-2021	BGSIT
23	NAMRATHA G KEERTHANA M MEGHANA M K LEKHANA G	4BW17EC048 4BW17EC036 4BW17EC045 4BW17EC038	PROJECT EXIBHITI ON	SEARCH ALGORITHM FOR KANNADA	23-07-2021	BGSIT

				HANDWRITING CHARACTERS		
24	SAHANA K P NIMITHA R GOWDA RUCHITHA N V YASHASWINI V	18ECE085 18ECE059 18ECE083 18ECE116	PROJECT EXIBHITION	IOT BASED LPG LEAKAGE DETECTION AND ALERT SYSTEM	23-07-2021	BGSIT
25	CHIRANJEEVI GOWDA CHETHAN S CHETHAN N AKASH S S	18ECE025 18ECE024 18ECE023 18ECE005	PROJECT EXIBHITION	DEFENCE ROVER	23-07-2021	BGSIT
26	LIKITHA K N BHAVANI A U KAVYASHREE K N DEEPIKA V	18ECE047 18ECE015 18ECE041 18ECE029	PROJECT EXIBHITION	AGRITECH	23-07-2021	BGSIT
27	BINDU H T KAVITHA N L MEGHANA D BHARATH D S	18ECE016 18ECE040 18ECE051 18ECE014	PROJECT EXIBHITION	OBJECT TRACKING ROBOT	23-07-2021	BGSIT
28	SANJAY H S HEMANTH U VAIDESH B HARISHA V R	18ECE089 18ECE036 18ECE108 18ECE035	PROJECT EXIBHITION	HI-TECH NURSERY	23-07-2021	BGSIT
29	YASHWANTH KUMAR S SHREYA P GOWDA YUVRAJ H P SAHANA S P	18ECE118 18ECE101 18ECE0120 18ECE088	PROJECT EXIBHITION	HOME AUTOMATION	23-07-2021	BGSIT
30	ANKITHA G R ARPITHA GOWDA S G NAMRATHA PRIYA S R MITHAN M R	18ECE008 18ECE011 18ECE055 18ECE052	PROJECT EXIBHITION	HURDLE DETECTION ROBOT	23-07-2021	BGSIT
31	BHAGYALAKSMI HRS CHANDANA L A NIVEDITHA M K AMULYA B N	4BW17EC014 4BW17EC022 4BW17EC059 4BW17EC013	PROJECT EXIBHITION	MANGO LEAF DEFICIENCY DETECTION USING DIGITAL IMAGE PROCESSING AND MACHINE LEARNING	23-07-2021	BGSIT
32	HEMA D C NAMRATHA H R NAMRATHA MOORBELE K J HARSHITHA U A	4BW17EC029 4BW17EC049 4BW17EC051 4BW17EC109	PROJECT EXIBHITION	SMART MEDICINE REMINDER BOX	23-07-2021	BGSIT
33	CHANDANA B DHNALAKSHMI G K NANDITHA S A JAYALALITHA N G	4BW17EC021 4BW17EC026 4BW17EC053 4BW17EC30	PROJECT EXIBHITION	EMBEDDED BASED HEART RATE	23-07-2021	BGSIT

				MEASURING DEVICE USING FINGERTIP		
34	KAVYA N D AISHWARYA S K MEGHANA A V CHAITHANYA S	4BW17EC035 4BW17EC003 4BW17EC043 4BW17EC018	PROJECT EXIBHITI ON	LEUKAEMIA DETECTION IN SHORT TIME DURATION USING MACHINE LEARNING	23-07-2021	BGSIT
35	ARPITHA K M CHAITHRA H B HARSHITHA H R NITHIN M R	4BW17EC012 4BW17EC019 4BW17EC028 4BW17EC058	PROJECT EXIBHITI ON	WEARABLE HEADSET LIKE DEVICE TO TRACK COVID-19	23-07-2021	BGSIT
36	BINDUSHREE S D SINCHANA H D SUPRIYA M THANUJA K M	4BW17EC0 4BW17EC088 4BW17EC098 4BW17EC104	PROJECT EXIBHITI ON	INFANT CARE ASSISTANT USING MACHINE LEARNING AND IOT	23-07-2021	BGSIT
37	POOJA A C SUCHITHRA K M SUPRITHA B M SUSHMA U J	4BW17EC065 4BW17EC094 4BW17EC096 4BW17EC099	PROJECT EXIBHITI ON	SWADESHI HI TECH ROBOT FOR TEACHING	23-07-2021	BGSIT



**Placement Data O YEAR 2020-21**

<b>SL NO</b>	<b>USN</b>	<b>STUDENT NAME</b>	<b>NAME OF THE COMPANY</b>	<b>BRANCH</b>
1	4BW17EC121	PRIYANKA M K	ACCENTURE	ECE
2	4BW17EC070	PREETHAM G	ACCENTURE	ECE
3	4BW17EC031	KAMAL KUMAR K	ACCENTURE	ECE
4	4BW17EC001	ABHILASH K BIRADAR	ACCENTURE	ECE
5	4BW17EC023	CHARITH SRINIVAS	ACCENTURE	ECE
6	4BW17EC041	MANOJ L	ACCENTURE	ECE
7	4BW17EC052	NANDHINI C P	ACCENTURE	ECE
8	4BW17EC095	SUMANTH N S	ACCENTURE	ECE
9	4BW17EC007	ANKITHA ADI GOWDA	ACCENTURE	ECE
10	4BW17EC044	MEGHANA K S	ACCENTURE	ECE
11	4BW17EC056	NIKITHA T N	ACCENTURE	ECE
12	4BW17EC119	YASHWANTH R P	ACCENTURE	ECE
13	4BW17EC027	DIKSHITH S R	ACCENTURE	ECE
14	4BW17EC052	LEKHANA G	NTT DATA	ECE
15	4BW17EC095	PREETHAM G	NTT DATA	ECE
16	4BW17EC007	PRIYANKA M K	NTT DATA	ECE
17	4BW17EC044	KEERTHANA M	NTT DATA	ECE
18	4BW17EC056	NIKITHA T N	NTT DATA	ECE
19	4BW17EC119	VINEETH S	NTT DATA	ECE
20	4BW17EC027	Sumanth N S	NTT DATA	ECE
21	4BW17EC052	Vanitha	Codilar	ECE

22	4BW17EC095	Nisarga TA	Pentagon space	ECE
23	4BW17EC007	Sahana BN	Pentagon space	ECE
24	4BW17EC044	DARSHAN CH	Pentagon space	ECE
25	4BW17EC056	Sanjay M	Pentagon space	ECE
26	4BW17EC119	Dhanalakshmi gk	Pentagon space	ECE
27	4BW17EC027	Anusha A	Pentagon space	ECE
28	4BW17EC052	Madhusmitha K G	Qspiders	ECE
29	4BW17EC095	NAMRATHA G	Qspiders	ECE
30	4BW17EC007	Thejas M N	Qspiders	ECE
31	4BW17EC044	Yashwanth B A	Qspiders	ECE

## Publication details of 2020-21

### List of publications in National / International Journals

SL NO	USN	NAME	TITLE	GUIDE	PUBLICATIONS JOURNAL
1	4BW17EC006 4BW17EC007 4BW17EC010	ANANYA M ANKITHA ADI GOWDA ANUSHA M K	Autonomous mobile rescue robot in disaster zones	DR. M B ANANDARAJU	International journal of advanced research in Computer and communication engineering (IJARCCE) volume10, issue7, July 2021 DOI 10.17148/IJARCCE.2021.10778
2	4BW17EC029 4BW17EC049 4BW17EC051 4BW17EC109	HEMA D.C NAMRATHA H.R NAMRATHAMOORBELE K.J U.A HARSHITHA	Smart medicine reminder Box	DR. M B ANANDARAJU	International Advanced Research Journal in Science, Engineering and Technology (IARJSET) vollume9, issue7,July2021
3	4BW17EC005 4BW17EC009 4BW17EC034	ALMAS BANU ANUSHA A KAVITHA S	Diagnosis of covid-19 from x-ray using machine learning	DR. NAVEEN K B	International Advanced Research Journal in science, Engineering and Technology (IARJSET), volume8, issue6, June 2021, DOI 10.17148/IARJSET.2021.86118
4	4BW17EC001 4BW17EC011 4BW17EC040 4BW17EC103	ABHILASH K BIRADAR ARCHANA S MANJUNATH S TEJASHREE N H	Priority based Ambulance-to-Traffic light communication for delay reduction in Emergency	DR. NAVEEN K B	International Advanced Research Journal in Science, Engineering and Technology (IARJSET)Volume 8, Issue 6, June 2021 DOI 10.17148/IARJSET.2021.86116
5	4BW17EC090 4BW17EC119 4BW16EC022 4BW17EC115	SPOORTHI P YASHWANTH R P DHEEMANTH N S VINDYA S P	Malaria Parasite Detection with the help of Machine Learning and Image Processing	MRS. PRABHAVATHI K	International Journal of Advanced Research in Computer and Communication Engineering. Volume 10, Issue6, June 2021 DOI 10.17148/IJARCCE.2021.106101
6	4BW17EC031 4BW17EC121 4BW17EC042 4BW17EC039	KAMAL KUMAR.K PRIYANKA.M.K MANUSHREE MADHUSMITHA.K.G	Prediction of Cardiac Diseases based on ECG analysis using Machine Learning	MRS. PRABHAVATHI K	International Journal of Advanced Research in Computer and Communication Engineering (IJRCCE) Volume 10, Issue 6, June 2021 DOI 10.17148/IJARCCE.2021.10698
7	4BW17EC113 4BW17EC111 4BW17EC073 4BW17EC064	VEENA A H VANITHA M R ROOPA B P POOJA	Lung cancer Detection using Artificial Neural Network	MRS. KAVITHA B C	International journal of advanced research in Computer and communication engineering Volume 10, Issue 6, June 2021 DOI 10.17148/IJARCCE.2021.106129
8	4BW17EC067	PRABHU DEVARAJ	Lung cancer detection using deep	MRS. KAVITHA B C	International Research Journal of

	4BW17EC072 4BW17EC079 4BW17EC081	RAKSHITH.N.R SANJAY.B.N SHASHANK.D.K	convolutional neural networks		Modernization in Engineering Technology and Science(IRJMETS),Volume3, issue7,878503
9	4BW17EC084 4BW17EC085 4BW17EC100 4BW17EC114	SHREEGOURI K BOODI SHREYA H C SUSHMITA R VIDYASHREE S	Detection of face mask using Raspberry Pi	MR. MANOJ KUMAR S B	International journal of advanced research in Computer and communication engineering (IJARCCE) Volume 10, Issue 7, July 2021 DOI 10.17148/IJARCCE.2021.10771
10	4BW17EC065 4BW17EC094 4BW17EC096 4BW17EC099	POOJA A C SUCHITHRA K M SUPRITHA B M SUSHMA U J	Swadeshi hi-tech robot for teaching	MR. MANOJ KUMAR S B	International research journal of modernization in engineering technology and science IRJMETS/Certificate/Volume 3/Issue 7/192436
11	4BW17EC066 4BW17EC076 4BW17EC082 4BW17EC091	POORNAVI S R SAHANA D K SHEIK THAMANNA SPOORTHI Y D	Design of high gain cmos operational amplifier in 90nm technology for biomedical monitoring Applications	MRS. SHALINI K J	International journal of Advanced research in computer and communication engineering(IJARCCE) Volume 10, Issue 6, June 2021 DOI 10.17148/IJARCCE.2021.106112
12	4BW17EC035 4BW17EC043 4BW17EC003 4BW17EC018	KAVYA N D MEGHANA A V AISHWARYA S K CHAITHANYA S	Leukemia Detection in short time duration using Machine learning	MRS. SHALINI K J	International journal of advanced research in Computer and communication engineering (IJARCCE) Volume 10, Issue 6, June 2021 DOI 10.17148/IJARCCE.2021.106102
13	4BW18EC408 4BW18EC403 4BW18EC402 4BW18EC406	SUPRIYA D.K NISARGA A.C KRUTHI H.L SANJAY C R	Animal detection using deep learning algorithm	MR. MOHAN KUMAR K S	International journal of advanced research in Computer and communication engineering Volume 10, Issue 6, June 2021 DOI 10.17148/IJARCCE.2021.106115
14	4BW18EC401 4BW18EC405 4BW18EC407 4BW17EC057	JAYASHREE J RANJITHA N SUPRITHA A.V NISARGA M G	Driver Drowsiness Monitoring System using Visual Behaviour and Machine Learning	MR. MOHAN KUMAR K S	International Journal of Advanced Research in Computer and Communication Engineering Volume 10, Issue 6, June 2021 DOI 10.17148/IJARCCE.2021.10648
15	4BW17EC104 4BW17EC098 4BW17EC088	THANUJA K M SUPRIYA M SINCHANA H D	Infant care assistant using machine learning and iot	MR. BALAJI B S	International Journal of Advanced Research in Computer and Communication Engineering(IJARCCE) Volume 10, Issue 7, July 2021 DOI 10.17148/IJARCCE.2021.10711

	4BW16EC015	BINDUSHREE S D			
16	4BW17EC002	ADARSH M S	A Design Implementation and Comparative Analysis of Advanced Encryption Standard (AES) Algorithm on FPGA	MRS. RAMYA K	International journal for research in applied sciences and engineering technology IJRASET volume9, issue7, July 2021
	4BW17EC023	CHARITH SRINIVAAS			
	4BW17EC037	KIRAN A P			
	4BW17EC041	MANOJ L			
17	4BW17EC012	ARPITHA K M	Multi-tasking device to track covid-19 symptoms and emergency caller	MRS. RAMYA K	International Advanced Research Journal in Science, Engineering and Technology(IJARSET) Volume 8, Issue 7, July 2021 DOI 10.17148/IARJSET.2021.8743
	4BW17EC028	HARSHITHA H R			
	4BW17EC019	CHAITHRA H B			
	4BW17EC058	NITHIN M R			
18	4BW17EC069	PRAVEEN K. P	Advance Silk worm incubator with environment control	MRS. KOKILA K S	(IRJET) International research journal of engineering and technology volume8, Issue7 JULY 2021
	4BW17EC080	SANJAY M			
	4BW17EC101	TEJAS KUMAR N. K			
	4BW17EC102	TEJAS R			
19	4BW17EC105	THEJAS M N	Non-invasive wearable glucose level monitoring the corona virus pandemic	MRS. ANUSHA M N	Journal of engineering technologies and innovative science Volume 8 Issue 7, July-2021 (JETIR)
	4BW17EC063	PAVAN KUMAR V			
	4BW17EC020	CHANDAN C R			
	4BW17EC068	PRAJWAL R			
20	4BW16EC071	PREETHI HN	Smart healthcare support for remote patient monitoring during covid-19 Quarantine	MRS. NANDINI S	International journal of advanced research in computer and communication engineering (IJARCCE) Volume 10, Issue 7, July 2021 DOI 10.17148/IJARCCE.2021.10775
	4BW16EC108	SUPRITHA S			
	4BW17EC423	SHREESHANTHINI HP			
21	4BW17EC048	NAMRATHA.G	Search algorithm for kannada handwritten characters	MS. NISCHITHA S	International journal of advanced research in computer and communication engineering (IJARCCE) Volume 10, Issue 7, July 2021 DOI 10.17148/IJARCCE.2021.10713
	4BW17EC045	MEGHANA.M.K			
	4BW17EC036	KEERTHANA.M			
	4BW17EC038	LEKHANA.G			
22	4BW17EC013	B N AMULYA	Mango Leaf Deficiency Detection Using Digital Image Processing and Machine Learning	MRS. PRAFULLA P S	Journal of engineering technologies and innovative science Volume 8 Issue 7, July-2021 (JETIR)
	4BW17EC014	BHAGYALAKSHMI H R S			
	4BW17EC022	CHANDANA L A			
	4BW17EC059	NIVEDITHA M K			
23	4BW17EC095	SUMANTH NS	Tele-health centre and cyber hospital	MS. BHARATHI R	International Research Journal of Engineering and Technology( IRJET) vollume8, issue7, July 2021
	4BW17EC112	VARUN D			
	4BW17EC118	VISHWAS K J			

	4BW17EC108	THRIVEDSHRIVACHSA			
24	4BW17EC077	SANDHARSHA H.M	Password authentication by providing three layer security using machine learning	Ms. Mouna K M	International Advanced Research Journal in Science, Engineering and Technology Volume 8, Issue 6, June 2021DOI 10.17148/IARJSET.2021.86122
	4BW17EC070	PREETHAM G			
	4BW17EC116	VINEETH S			
	4BW17EC117	VIPRUTH L.M			
25	4BW17EC062	PAVANA C R	Application of Machine Learning to Support Self-Management of Asthma with mhealth	MRS. RASHMI S	International research journal of modernization in engineering technology and science(IRJMET) vollume3,issue7,July 2021
	4BW17EC078	SANIYA UMMEHANI			
	4BW17EC083	SHIFA TAMKIN			
	4BW17EC086	SHWETHA I R			
26	4BW17EC053	NANDITHA S A	Design and Development of a Heart Rate Measuring Device using Fingertip	MS. LAKSHMI D L	International journal for research in applied sciences and engineering technology IJRASET volume9, issue6, June 2021
	4BW17EC026	DHANALAKSHMI G K			
	4BW17EC021	CHANDANA B			
	4BW17EC030	JAYALALITHA N G			



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