



Vision:

To be a Department of excellence at a global level in Electronics and Communication Engineering education, incorporating Research & Innovation and Leadership training components.

Mission:

The Department will

M1: Strive to provide state of Art infrastructure in classrooms and laboratories.

M2: Enable all-round development with individual attention and innovative teaching learning methodology.

M3: Impart leadership qualities into the students by exposing them to industry and research in global Electronics and Communication Engineering domain.

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FACULTIES



DR . M GEETHA PRIYA
PROFESSOR



DR . AJJIAH H.B.M
ASSOCIATE PROFESSOR



DR . CHETHNA K
ASSOCIATE PROFESSOR



MRS. KRISHNAVENI D
ASSOCIATE PROFESSOR



MR. CHANDRASHEKAR B.M
ASSISTANT PROFESSOR



MS SUMANGALA GEJJE
ASSISTANT PROFESSOR



MR. NAGESH KUMAR D.N
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MR. MADHUKAR M
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MRS. SRI LAXMI
ASSISTANT PROFESSOR



MR. RAJESH SUDI
ASSISTANT PROFESSOR



Mrs. KRITHIKA P J
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MR. N NARASIMHA SWAMY
VISITING PROFESSOR



MR. Shashi
FOREMAN



MRS. RANJITHA BHAT
INSTRUCTOR



MR. PRABHU
INSTRUCTOR



MRS. SUSHMITHA A
INSTRUCTOR



MS. SOWMYA V
SDC

FROM HOD'S DESK



Dr. K. Chandrasekhar
Professor & Head
Department of Electronics and
Communication Engineering

The Department of Electronics and Communications Engineering (ECE) continuously strives to keep exemplary academic record. The highly motivated Faculty of the department emphasize to prepare the students to be ready to take on the multicultural global work environment. The co-curricular activities are designed in this direction to make the students to be industry ready.

Regular student development programmes are conducted with hands on workshops to minimize the curriculum-industry gap. The Department is continuously engaged in creating a welcome atmosphere for reception and encouragement of innovative ideas. Students are encouraged to take up individual/team-based innovative projects. The motto of the department is to continuously strive to create exceptional entrepreneurs and better human beings, who would take their education and attitude they gained in the institution a long way in creating a better society.

EVENTS

PRITHVI DIVAS (World Earth Day)

The event “PRITHVI DIVAS” was conducted by the department under IEEE JIT SB, Institution’s Innovation Council (Ministry of HRD Initiative) MOE’s Innovation Cell, on 22nd April 2022. Different art competitions such as Collage Work, Drawing and Painting, Logo Design and Poster Making was conducted as part of the event. The event started with planting of saplings around the garden and then chief guest Mr. Ullash Kumar R K, Research Associate, Member Executive Management Team, ECO-Watch (Centre for Environment and Sustainable Development) gave some information about Nature, Wild life sanctuaries, Rivers, Wild life species.

IEEE JIT
JYOTHY INSTITUTE OF TECHNOLOGY
IEEE BANGALORE SECTION
INSTITUTION'S INNOVATION COUNCIL
MOE'S INNOVATION CELL (GOVERNMENT OF INDIA)

IEEE JYOTHY IT Student Branch
in association with
INSTITUTION'S INNOVATION COUNCIL
along with
IEEE Bangalore Section
celebrating WORLD EARTH DAY.

Chief guest:
Mr. Ullash Kumar R. K.
Research Associate, Member
Executive Management Team,
ECO-WATCH (Center for Environment &
Sustainable Development)

SESSION DETAILS:
DATE: 22 April 2022
TIMINGS: 3:00 p.m-4:30 p.m
VENUE: JIT main auditorium.

Prof. Rajesh Sudi
Branch Counsellor,
IEEE Student Branch, JIT.

Dr. K Chandrasekhar
Prof. & HOD,
Dept. of ECE, JIT.

Dr. Gopalakrishna K.
Principal, JIT.



Electrig (Induction Program)

Jyothy Institute Of Technology student branch started signal Processing student chapter (SPS society) on 13th June 2022 in association with Department of Electronics & Communication Engineering. More than 100 Students were part of this event. Dr. Raghavendra (student committee head) briefed about importance Of IEEE and SPS society. He spoke about different advantages of IEEE Membership and also about different sections of IEEE. Then there was a send off to the previous EXECOM members. They shared their experience of their 1 year of being in IEEE as EXECOM Member.



PRANATHI

The vibrant college life is incomplete without a fest and constitutes a major part of the life of students. Fests provide a platform for students to showcase one's unique talents and are important in the holistic development of the personality of the students, providing a break from the monotonous routine of evaluation and academics. These fests have carved a niche in the ecosystem, wherein college students persevere to make it a grand success. All staff and students eat together and enjoys different cultural activities during college fest. This year the college fest PRANATHI 2K22 was celebrated at 17June 2022 to 18 June2022.



FAREWELL AND ALUMINI MEET

Bidding goodbyes are always hard. 23rd July was the special day when we all gathered to bid goodbye to our 18 Batch students. This is the time of sentiments, expression of gratitude, reflection on past, ceremonial ritual and advice. Alumni meet is a gathering of passed out students of an institution and it is a place where the institution feels proud on seeing its successful alumni. During their meet, the alumni community shares their experiences from the outside world, which they faced after stepping out of the institution.

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JYOTHY INSTITUTE OF TECHNOLOGY

FAREWELL

BATCH OF 2018

&

ALUMNI-MEET

2022

CHIEF GUEST
SRI. Y. V. GUNDU RAO
MOTIVATIONAL SPEAKER

GUEST OF HONOR
Mr. RA'FEV WAZIR
SENIOR SUPPORT SERVICES | BLR | NTT
OPERATIONS DIRECTOR

PRINCIPAL
Dr. K GOPALAKRISHNA

VICE-CHAIRMAN
SRI. M NARASIMHAN

📅 23rd JULY ⌚ 9.30 A.M. | THEME **RED CARPET**



PROJECT EXHIBITION

The Department of Electronics & Communication conducted “Project Exhibition” under IEEE JIT SB in association with Jyothy Institute of Technology, and IEEE Bangalore Section on 28th July 2022 for final year students. The exhibition was also visited by other semester students to get motivation to do similar kind of innovative projects. Each project is evaluated thoroughly by external evaluator. There were 15 projects participated in the exhibition. The projects are evaluated by Prof. P Ngaraju, Associate Professor, Dept. of Electronics and Telecommunication Engineering, R V College of Engineering. All the projects were evaluated based on innovation, solution to societal problems. At the end of the day project exhibition valedictory ceremony was conducted and best projects were given prizes.



First prize won by the project “Design And Development Of Dual Power Thermoelectric Cooling System For Vaccine Storage Using Peltier Effect” by students Rohan R purohit, Rahul Reghunath , KP Shirish, Mohammad Zahid, under the guidance of Mrs. Sreelakshmi.

Second prize won by the project “Automated Portable Cooking Machine” by D H Siri Gubbi, M Bharath Kumar, Nithyashree S, Pinjari Himam Basha” under the guidance of Mr. Deepak V Ingale.



WORKSHOP

FPGA Flow and Embedded Design Flow on ZCU104, PYNQ-Z2, AND NEXYS 4

The workshop was conducted from 12th to 13th May 2022 under IEEE JIT SB and Signal Processing Society Student Chapter in association with Department of Electronics & Communication Engineering. This workshop was held for two days. On first day of the workshop students have learnt PYNQ-Z2 and NEXYS 4 boards. The hands on was done for these boards. The second day of the workshop was hands on sessions for ZCU104. ZCU104 is a system on chip development board. Using this board embedded applications can be developed along with RTOS. The workshop also taught development of applications using VIVADO tool.



ACHEIVEMENTS

Publication:

Radhika M G, Gopalakrishna Byatarayappa, Deepak V. Ingale, Lakshminarayana Kudinalli Gopalakrishna Bhatta, Krishna Venkatesh, Sudha Kamath M K, Kathyayini Nagaraju, High performance of asymmetric coin cells designed using optimized weight percentage of multiwalled carbon nanotubes in Ni/Co-MOFs nanocomposites, Materials Research Bulletin, Volume 156, 2022, 111996

Dr. K Chandrasekhar and Prof. Rajesh Sudi are elevated to senior IEEE Member.

Bhoomika S M Bhatt & Prajwal G S Shetty are selected as best outgoing students of Department of Electronics & Communication Engineering.



Team Garuthmaan, Aero club had participated in the SAE Aero Design Series, East, Texas, USA for the year 2022. Chandana B S, Prajwal V, Advitha Chandrashekara were from the ECE Department. The team secured 7th position in design and overall, and at the 10th position globally among the 58 teams that participated in the East competition.



Students team Vishwas U, Adheesha S U, Dhanush S, Raghavendra K R, Shashank B under the mentorship of Dr Ajjaiiah H B M and Rajesh Sudi had participated in Toycathon 2021-22 .The team were at top 6 among 50+ teams present there.



Sixth Semester students Sriram S, B G Harini, Sri-vatsa Datta C, Sowjanya A, Vishwas U, Supriya K with mentor Mr. Rajesh Sudi had participated in Smart India Hackathon 2022 and selected in the software category at Sathyabama Institute of Science and Technology and qualified for the final round called Power Judging round and secured the runner up position.



8th semester students Deeksha K C and Bhoomika secured 3rd position in IDEA and Business Competition– SRISHTI DESIGN with 10,000 cash prize and certificate.



Sixth semester students, Rakshita C won first place and Nikshitha S got second Place in Collage work. Ramkumar A R got Second place in logo design and second place in poster making in the art competitions held during Prithvi Divas.





Newsletter Editorial Board

- Dr. K Chandrasekhar, HOD, Dept. of ECE
- Mrs. Smita Agrawal, Asst. Professor, Dept. of ECE