



|| Jai Sri Gurudev ||

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SJB INSTITUTE OF TECHNOLOGY

BGS Health & Education City, Kengeri, Bangalore – 60.



Dept. of Electronics and Communication Engineering



JUL-2019

NEWS LETTER

ISSUE-9

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VISION

To impart quality education empowering Electronics and Communication Engineers to meet the Technological and societal needs

MISSION

- M1: To facilitate students in acquiring proficiency & providing eminence in Technical education
- M2: To imbibe value based education that contributes to the academic excellence and societal relevance
- M3: To foster culture of innovation, industry and research in developing intellectual professionals and entrepreneurs

ACHIEVEMENTS

- 32 Ph.D scholars have registered under ECE Department research centre.
- Faculties of the Department are members of various professional bodies such as ISTE, IE and IEEE.
- Progressive results and placement records. Centre for Leadership Development, VIF has conferred “Distinguished Leader” award to Dr. K V Mahendra Prashanth, HOD.



About the Department

Department of Electronics and Communication Engineering was established in the Institution during 2001. The department is AICTE approved and permanently affiliated to VTU. The Department offers UG & PG courses. Further, it is recognized as “Research Center” by VTU.

The department is strengthened with qualified Doctorates, Professors, Assoc. Professors, Asst. Professors and technical staffs. Apart from the academic events department also oversees the overall development activities. The students are being provided with state-of-the-art lab

Facilities: training/certification programs, industrial visits, periodic technical talks, workshops, conferences, empowering employability skills.

The department is associated with many industries like INTEL/FICE, Rexroth Bosch, University of Agricultural Sciences, Knowx Innovation Pvt Ltd, WinGlobal Tek, Speckbit Exploratories, Effent Technologies, NI/VI Solutions, Lekha Wire Less Solutions Pvt Ltd, Loginware Softec Pvt Ltd, Elintz Lab etc., with vibrant objectives providing Industrial oriented training on PLC, Sensorics, Drives and Control, Lab View, IOT, Embedded Systems, Data Analytics, Artificial Intelligence.



Dr. K.V. Mahendra prashanth
Prof & HOD

Department Association with Industries

- MOU with NI systems (India) Pvt. Ltd to establish NI Labview Academy for students and academic professionals
- MOU with Lekha Wireless Solutions Pvt. Ltd, Meizu Technology Co. Ltd, Intel Corporation (FICE), Knowx Innovations Pvt Ltd, Effent Technologies Pvt. Ltd.
- MOU with University of Agricultural Sciences, M/S Win Global Tek Speckbit Exploratories Private Limited, Loginware Softec Pvt Ltd, Elintz Labz
- MOU with Rexroth Bosch Group to establish “Center of excellence for Training and research in Automation Technologies”.
- Initiation for MOU with EDII on 24th Jan 2018 to Conduct the programmes.

Department Activities

- Conducted 9th National Conference on “Recent Trends in Electronics and Communication Engineering” -NCRTEC'19 on 4th May 2019.



- An Orientation program was organized for 8th semester students in ECE seminar hall on 14/02/2019.



- A Guest Lecturer was organized for 6th semester students on 30/03/2019 by Mr. Kumaraswamy, Founder, Aiddition technologies, Bangalore on “Recent trend in embedded systems and opportunities”.
- Seminar on “Preparation for GATE Exam” for 6th Semester students in ECE seminar hall on 29/04/2019 by Mr. Santhosh Gondhi of Gate Academy, Bangalore.



- A Guest Lecturer was organized in the ECE Seminar hall by ED cell for 6th semester students on 02/05/2019 by the speaker Mr. Chandrashekar M R, Managing director, QTRONICS, Bangalore on “Entrepreneur Startup”



The department of Electronics and Communication Engineering organized a seminar on “Preparation for GRE” for 6th Semester students by Mr. Hemanth Kumar .M in ECE seminar hall on 13/05/2019



- The Department of ECE organized final year UG project exhibition on 15th May 2019, in Project Lab. A total of 33 teams, comprising all the students of eighth semester participated in the exhibition with enthusiasm, and exhibited their works in different areas of ECE like Signal/Image processing, IoT, Computer Vision/Deep Learning/ Machine Learning, VLSI, Embedded System etc.,



- An Interaction session was organized in ECE seminar hall, in connection to HRD training Programs.
- A seminar on “Effective approach of writing Internship report” was presented by Dr.Mahendra Prashanth K V, HOD, Dept. of ECE for 7th Semester students in ECE seminar hall on 29/01/2019.
- Department of ECE in association with SJB Innovation Club organized FDP & Student Workshop on Machine Learning & Cyber security supported by TCS & ISTE on 30-01-19. The Resource persons were from TCS, Mr. Prasad Chitta & Dr. Rajan MA.



- As part of Go green Campaign, Staff club organised a visit to “Turahalli forest” and “Art of Living” on 17-01-2019.



- An Orientation of Competence Development Program (CDP) was organized for 3rd Semester students in ECE seminar hall on 14/01/2019.



- “Internship” Program was organized by ECE Department & was Inaugurated on 7th Jan 2019. On this occasion , Intel and IIIT-B team donated Galileo kits (500 No's) worth around 30 lakhs to the department which was initiated by Dr. KV Mahendra Prashanth , Prof & HOD,ECE Dept.



- Workshop on Research Methodology and Latex was organized by VTU E-learning Centre at DBIT on 19th to 21st June 2019 and was attended by Research Scholars Mrs.Chetana R, Geetha GP, Latha S, Pushpalatha G.
- Internship training at CETRAT (Bosch Rexroth) was held from 8th July to 3rd Aug 2019 . The Training was provided by Bosch Certified Trainers – Mr.Bhaskar.B, Mrs. Chetana R, Mr.Supreeth HSG, Mrs.Anushree.R

Community Service

The staff of ECE Department visited Samprapti Old age (charitable) home on 13th June 2019



- ECE Department Fest “ECHORA '19- an Inter-collegiate techno-cultural Fest” was conducted on 10th April 2019. ECO-Marathon was been organized from SJBIT to Global village and inaugurated by Kernal KS Bisht, Prasanna Kumar KV, Army retired as “Nayak”, Dr. Puttaraju ,principal SJBIT & HOD graced the occasion.



Industry Visit

- 6th sem students of ECE Dept visited the paper industry in Dandeli, **WEST COAST PAPER MILL** on 3rd to 7th May 2019.



- Dr. Mahantesh K constituted as session chair and received outstanding reviewer award during the International Conference on Artificial Intelligence and Data Engineering 2019 - Springer, organized by NMAMIT, Nitte during 23rd & 24th 2019
- Parents Teachers meeting was held on 30th March 2019 in ECE department



FAREWELL

- On 24-05-2019 ECSTACY (Student Association) has organized farewell to 8th Sem students of 2018-19 academic year, coordinated by Dr. Ravikumar AV. on this occasion Dr. KV Mahendra Prashanth, HOD inaugurated the programme and enriched students by his motivating words



Dr. Mahantesh K was invited for guest lecture at ATME on “IP Using Python” on 05/04/2019 and KSIT on “Introduction to Python application programming” on 19/02/2019.



The staff club of the department has organized Department trip to Chikmagalur on 25th and 26th of June 2019.



- Conducted three days workshop on “Experiential learning on Electronic Devices & Digital System Design” on 15th to 17th July 2019



Rank list



Ranjitha C
2nd Rank CGPA- 8.5
ECE (DE-PG)



Kavita Ishwar Enner
3rd Rank CGPA-7.89
ECE (DE-PG)



Sunil Gowda R
4th Rank CGPA- 8.64
ECE (VLSI & ES-PG)



Raveena Sangeetha B R
5th Rank CGPA- 8.71
ECE (VLSI & ES-PG)



Chaitra JM
8th Rank CGPA- 8.31
ECE (VLSI & ES-PG)



Pavitra MN
10th Rank CGPA- 8.29
ECE (VLSI & ES-PG)

- The Following list of companies visited and recruited around 86 students of ECE during the academic year 2019

Placement

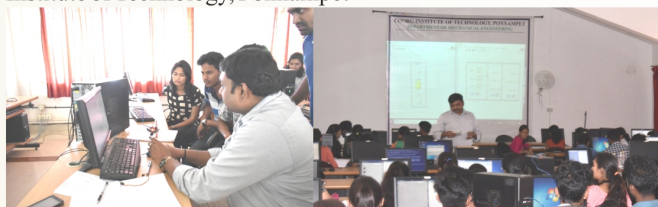
Name of the company	No. of students selected
Tata consultancy services	15
Infosys	18
NTT Data	08
Wipro Technologies	07
L & T infotech	05
Cognizant Technologies	08
SLK Software	05
Cape Gemini	04
Mind Tree	02
Sonata Software	03
6D Technologies	02
Stratogent	02
Unisys	02
Lekha Wireless	02
No Broker, IG Groups	02
Yokogawa India Limited	01

Dr. Shilpa k Gowda has been Provisionally awarded the degree of Doctor of Philosophy (Ph.D.) in Electronics Engineering from Jain University on 10th April 2019 for thesis titled “**Dynamically reconfigurable NoC (Network on chip) for fault elimination without affecting the Communication between the nodes**”, under the guidance of Dr. Rekha K R.



Dr. Shilpa k Gowda

Dr. Ravikumar AV has been invited as a Resource person for 3 days faculty development program on “Advanced Embedded System using NI LabVIEW”. during 13th, 14th & 15th March 2019 in Coorg Institute of Technology, Ponnampet



Student's Column

1. Chetan M of 3rd sem has participated and secured Runner up position in Inter-collegiate Basket ball Tournament held at VKIT, Bengaluru on 14th September 2018.

2. Shivaprasad R of 7th sem had actively participated and contributed in the event SPARSHA 2018, a medical health camp organized by MAARGA- NGO.



3. Shivaprasad R of 7th sem had took part as a volunteer in “GIFT TREES” held on 15th August 2018 organized by PRAJA SANKALPA and MAARGA



4. Trishala. D.L of 3rd sem has attended workshop in DHIE on Leadership skills and motivation, presentation skills and career guidance from 07/02/19 to 9/2/19

5. Nithin T of 3rd sem has secured 1st place in “Technical Quiz” event organized Technical Competition committee of SJBIT.

6. Swayambhu Mohan Shukla of 3rd sem secured 2nd place in Technical Quiz event organized by Technical Competition committee of SJBIT.

7. Likhitha G of 7th sem has secured 3rd place in Athletics 200 mts race during Annual Sports Meet held on 03/04/2019 organized by SJBIT.



Staff Publication

Sl. No	Faculty Name	Title of the Paper	Month and Year of Publication	Conference Or Journal
1.	Dr. K. V. Mahendra Prashanth	Ulcer Detection in Wireless Capsule Endoscopy Images employing Deep Learning Techniques	June 2019	Journal MDPI
2.		Smart Wearable Speaking Aid for Aphonic Personnel	March 2019	ISMAG-CVB 2019 LNCVB, Springer
3.	Dr. Rekha K R	Milk Monitoring System for Dairy Farmers using Embedded System	May 2019	IJITEE Vol: 10, Issue:10
4.		Advanced Security System for Motor Cycle	May 2019	IJARSET Vol: 6, Issue:5
5.	Dr. Mahantesh K/ Chethana R	Detection of Epileptic Seizures in EEG- inspired by Machine Learning Techniques.	June 2019	ICICC-2019, Springer
6.	Mr. Bhaskar B	Subspace based face recognition : A literature survey	March 2019	ISMAG-CVB 2019 LNCVB, Springer
7.	Anitha P	Miniaturized Single Layer Ultra Wide Band (UWB) Patch Antenna Using a Partial Ground Plane	February 2019	Wireless Personal Communications Springer-2019 Vol.106, No3, PP:1275-1291