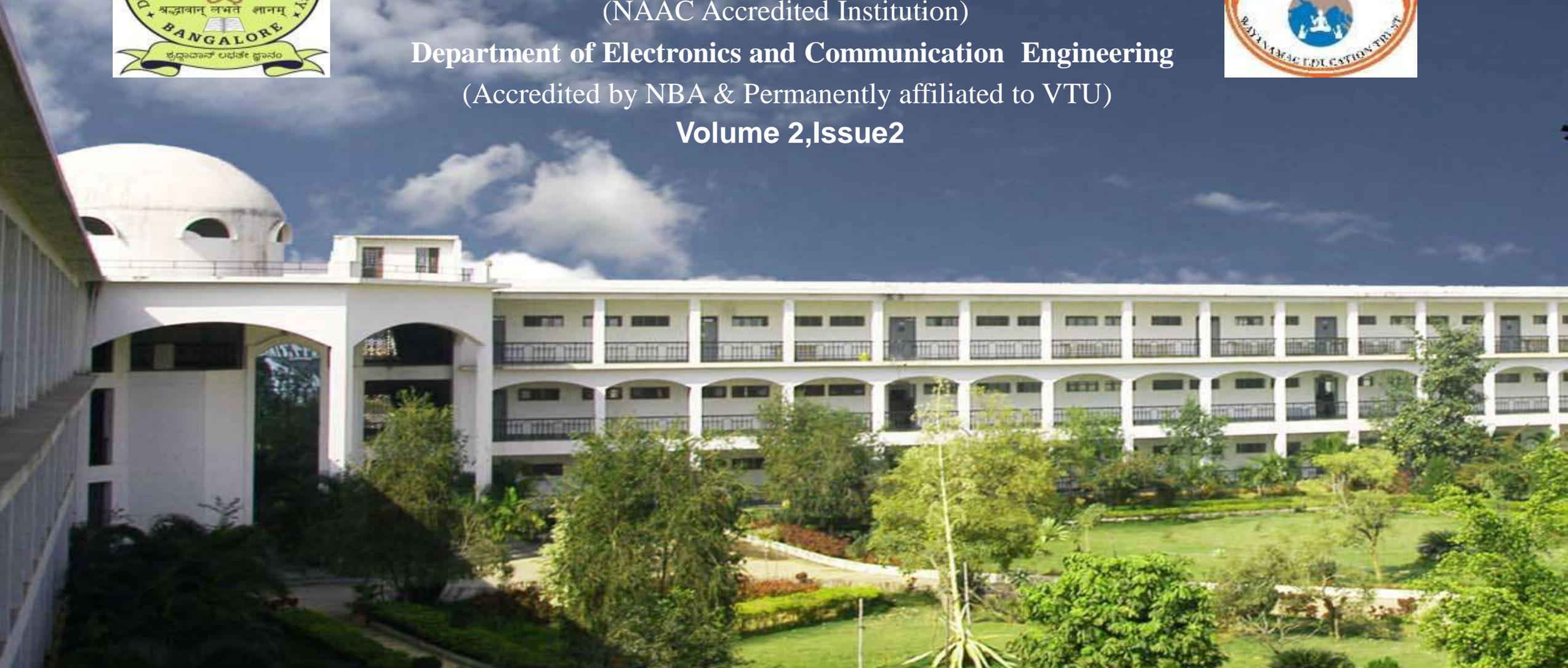




Don Bosco Institute of Technology, Bangalore
(NAAC Accredited Institution)

Department of Electronics and Communication Engineering
(Accredited by NBA & Permanently affiliated to VTU)

Volume 2,Issue2



Sri B. Bylappa, President

I am very happy that the Dept. of Electronics and Communication Engineering is bringing out an E – Magazine. I congratulate all those concerned with this work.



Testimonials

Sri B. Manjunath, Executive Director

Congratulations to the Principal, HOD & Faculty of Department of Electronics and Communication Engineering. Keep it up. Nice work portraying achievements of the dept. expecting many more editions in future



DR. Hemadri Naidu T, Principal, DBIT

Dear Dr. Renga Prabhu P, You and your Colleagues are to be congratulated for the endeavors in bringing up the bench mark of quality of the department by organizing many student development oriented activities. My hearty Best Wishes to ECE “E - NEWS LETTER”



Sri Raghav Bylappa, Secretary

Happy to learn that the department of Electronics and Communication engineering is progressing very fast and lots of events are being conducted. I wish all the success to the Faculty of the department and to the ECE “E -NEWS LETTER”





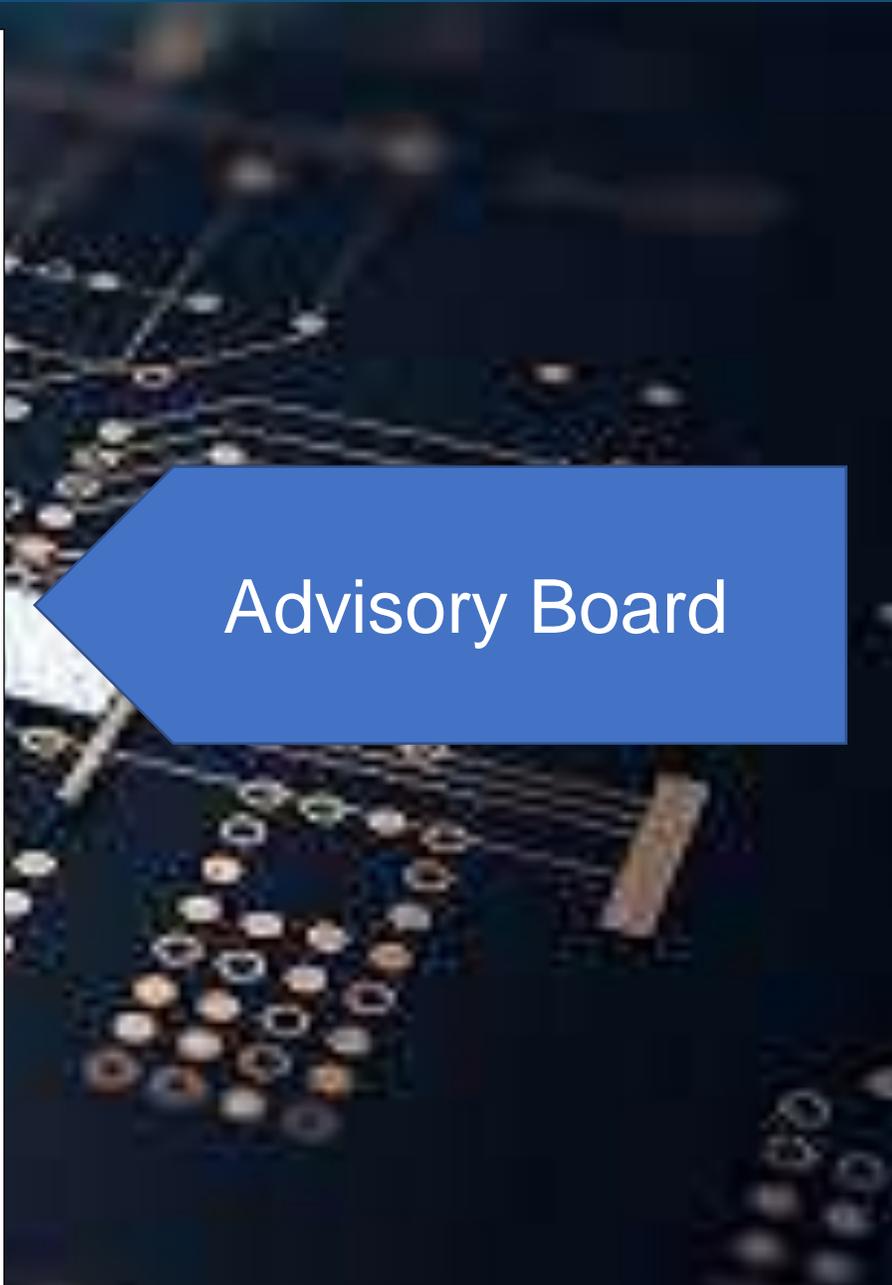
Dr. Rengaprabhu

Professor & HOD

Dept. of Electronics and Communication, DBIT.

I welcome you all to the Department of Electronics & communication Engineering. The ECE department has well equipped laboratories and excellent computational facilities like CADENCE, MATLAB, Simulink, Multisim, Psim, Xilinx, etc. Faculty members and students are actively engaged in research. For overall development of the students, Guest Lectures from eminent persons in the field are arranged.

Industrial Tours, Technical Workshops, Soft Skill training programs are arranged on regular basis. Electronica Forum helps the students to arrange the various programs in the Department. It leads to develop the leadership and managerial qualities of the student. Events like Technical Paper Presentation, Technical Quiz, Robotics, Project Competition are conducted. Students are encouraged to pursue higher education like ME/ M.Tech. All eligible students are placed in various companies. Consistently, the result is more than 90%.

A background image of a circuit board with various components and traces.

Advisory Board

EDITORIAL COMMITTEE

Prof. Mahadevi.S.Manur

Assistant Professor, ECE, DBIT

It is with profound pleasure, humility and anticipation that we celebrate our News letter issue. On behalf of the Editorial Team, I would like to extend a very warm welcome to the readership of DBIT. I take this opportunity to thank management, staff and students who volunteered to contribute to the success of the News Letter.

Editorial Board

ECE student Coordinators

Chandana R

Jayanth

VISION

To Create a centre of excellence, with an effective teaching and add-on training in the field of Electronics and Communication Engineering to nurture creative Engineers with ethical values to meet the global challenges

MISION

- To enhance the quality of students and staff with unique learning approach by adopting suitable training mechanism for professional skills.
- To impart knowledge that builds strong foundation in basic principles and applied areas of Electronics and Communication Engineering.
- To achieve efficient Industry-Institute interaction.

ACADEMIC RESULTS OF 2019-20

SEMESTER	% RESULT
IV	100 %
VI	100 %
VIII	96 %

EVENTS ORGANISED**Survey by Google maps**

The Google maps survey event was conducted on 25-09-2019 by the Department of Electronics and Communication and the Electronica forum from the students of the ECE department. This survey's primary concern was on making google maps more accessible and reliable for women. It also focused on the issues related to women's safety.



Faculty's Interaction with Google Representative's



Google Representatives Mrs. Camilla and Mrs. Marianna Felix interacting with the students

TEACHER'S DAY

The teacher's day was celebrated On 3rd September 2019 to celebrate the birthday of the great idol Dr. Sarvepalli Radhakrishnan. Department of Electronics and Communication and the Electronica forum from the students of the ECE department jointly celebrated Teacher's day in new Seminar Hall.



Inter Department Quiz

Samara 'The battle of minds' was an inter-department quiz organized by the Electronica Forum on 24th Oct 2019 at 2.00 pm in SH-2 in DBIT. The main objective of this event was to bring together the students of all dept. and to have a healthy competition among them and to have a brief understanding of all the dept. curriculum and technical differences among us. The objectives and Learning outcomes of this program to develop skills in competitive exams

Participants in a team



Participants confirming with the coordinators

FDP, CONFERENCE, SEMINAR AND WORKSHOP ATTENDED

- Prof. SMITHAGAYATHRI has attended conference on “Understanding 4G/5G wireless communication system” in VTU Regional office, Bangalore on 28-11-2019.
- Prof. MANJUNATH G has attended conference on “FDP on IOT Based Project design & Development” in BNMIT, Bangalore on 24th – 29th June 2019.
- Prof. ROOPA K R has attended conference on “Entrepreneurship development” in JIT, Bangalore on 15th – 17th July 2019.
- Dr. Rashmi S B has attended conference on “Applied mathematics using MATLAB” in RNSIT, Bangalore on 25th to 26th July 2019.
- Prof. Santhosh M Nejakar has attended conference on “workshop on Opportunités for Entrepreneurs and schèmes for Start up” in VKIT Bangalore on 7th – 9th November 2019.
- Prof. Santhosh M Nejakar was a resource person of the conference on “1 day workshop on Intellectual Property Rights” in MSME Department, Govt. of INDIA on 20th November 2019.

- Dr. LALITHA Y S, “Multiband Microstrip Patch Antennas using Heterogeneous Substrate for Wireless Applications”, ISSN: 2278-3075, Volume-8 Issue-12, October, 2019. Scopus.
- Dr. LALITHA Y S, "Performance Analysis of Analog data Compression and Decompression using ANN in 32nm Finfet Technology" ISSN 2277-8616, Volume-8 Issue-11, pp-422-429, Impact Factor-7.446, December 2019. Elsevier Scopus Journal.
- Dr. LALITHA Y S, "Design of Low Power 4bit 6T-Sram Cell for Data Storage using Finfet 32NM Technology", ISSN: 2278 – 3075, Volume-9, Issue-2, pp-1070-1077, B Impact Factor is 5.54 December 2019, Elsevier Scopus Journal.
- Dr. RAJASHEKHARGOUDA C PATIL , “Analysis of Various CNN Models for Locating Keratin Pearls in Photomicrographs. Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering”, ISBN 978-981-13-5802-9, vol 545. Springer, Singapore. DOI: <https://doi.org/10.1007/978-981-13-5802-945>, online, pp 493-500 Scopus Indexed Journal listed in SCIMAGOJR Ratings:Q3.
- Prof. SMITHAGAYATHRI D, ”Adapting the Effect of Asynchronous Impulsive Noise Using Interleaving Based on Compound Signal Classification in Broad Plc” ,International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-2, December 2019.

THANK YOU