

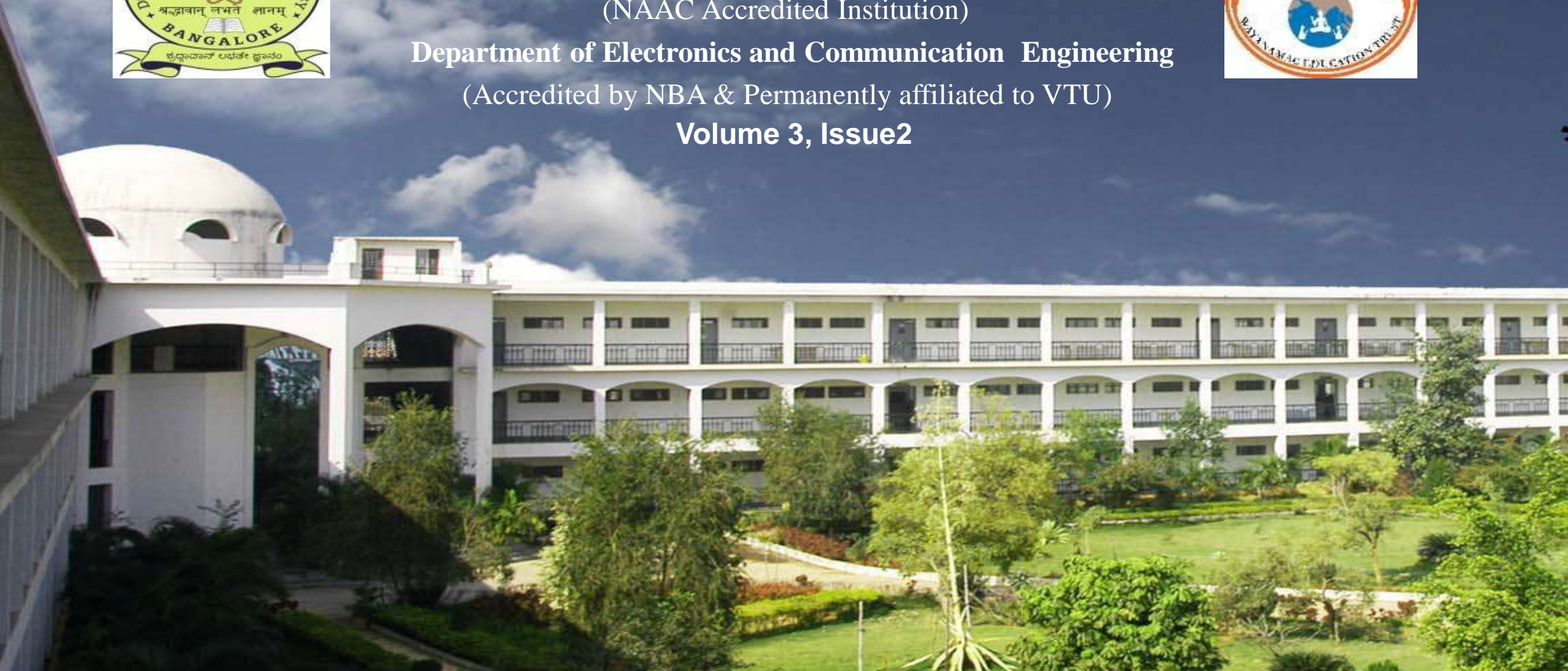
# NEWS LETTER, VOLUME 3, ISSUE 2, JULY – DECEMBER 2020 – 21



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

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

**Volume 3, Issue 2**



## 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 the launch of our News letter inaugural 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.

**ECE student Coordinators**

Chandana R

Jayanth

Editorial Board

## 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 2020-21

SEMESTER	% RESULT
IV	99 %
VI	100 %
VIII	99 %

## EVENTS ORGANISED

- RUCHIRA B BHAT has successfully completed the certificate course conducted by Student Learning Assessment ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI, in Adaptive Signal Processing, Analog And Digital Communication, Computer Networks, Digital Image & Video Processing, Electronic Devices , Embedded Systems , Error correcting codes, Power Electronics, 3D Printing and Design, Artificial Intelligence/ Machine Learning , Augmented Reality (AR)/ Virtual Reality (VR), Blockchain, Cyber Security and Data Science
- Carol Sanjana P has successfully completed the Campus to Technical careers Training Program in SQL Core Java8, JPA with Hybernate, GIT, Spring 5.0, spring boot, HTML5, CSS3, Java script, Boot strap and soft skills.
- Carol Sanjana P has successfully attended the Acmegrade workshop on “ Embedded Systems” on 30<sup>th</sup> November 2021 and gave project demonstration during the session.
- Carol Sanjana P has successfully completed certification course on “Learning Java” on 3<sup>rd</sup> December 2021 from LinkedIn learning.

## EVENTS ORGANISED

- Carol Sanjana P has successfully completed a certification course from “ TCS ION Career Edge” from 28<sup>th</sup> July to 17<sup>th</sup> October 2021 on Communication skills, soft skills, presentation skills, career guidance frame work, resume writing, group discussion skills, interview skills, Business Etiquate, effective E-mail writing, Telephone Etiquate, accounting fundamentals, IT fundamental skills, overview of Artificial Intelligence.
- Rachana B C has successfully completed certification course of Internship on Embedded Systems from “EMERTXE” IT Institute from 1st Sep 2021 to 27th Oct 2021.
- Shreyas Reddy has successfully completed certificate of Internship on Machine Learning with Python programming ,SQL DB, Machine learning algorithm from Knowx Innovations Pvt. Ltd. From 15<sup>th</sup> September 2021 to 15<sup>th</sup> November 2021. Also involved in Design and Development of the project titled “Speed Detection using ML Technique”.
- Syed Mubeen has successfully completed certificate of Internship on Full stack web development Machine learning algorithm from Knowx Innovations Pvt. Ltd. From 15<sup>th</sup> September 2021 to 15<sup>th</sup> October 2021. Also attended hands on training in Python, Django, HTML, CSS, Machine Learning Mongo DB and also involved in Design and Development of the project titled “E-Traing Model using Django”.
- “IEEE Day Celebration 2021” was organized by IEEE Student Branch, DBIT During October 2021

## EVENTS ORGANISED

- Mrs. Tejaswini M L has successfully completed NPTEL certification course on “ NBA accreditation and Teaching Learning in Engineering (NATE) with a score of 75%, “Digital Circuits with 60%.
- Mrs. Tejaswini M L has successfully completed Webinar on “Pattern Recognition Using Machine Learning”, Resource Person: Mr. Ravindranath K, Research Scholar, NIT, Tiruchy.
- Guest Lecture on “Feature Technology in Aviation Industry” organised by Department of ECE, DBIT on 27<sup>th</sup> November 2021. Resource person was Mr. Nagaraja S Senior System Engineer, Honeywell Technology Bengaluru.
- Guest Lecture on “Domains in VLSI” organised by Eykya Alumni Chapter of ECE, DBIT on 8<sup>th</sup> January 2022. Resource person was Mr. Rohith Kumar, Lead Engineer, IP Design and Characterization, Bengaluru.
- Guest Lecture on “Automotive Cyber Security” organised by Department of ECE, DBIT on 20<sup>th</sup> January 2022. Resource person was Dr. B Chandrasekhar specialist -EV in transportation Business Division, L & T Technology Services Limited, Bengaluru.
- One day workshop on “**JAL NAMAN**”, **ECOVINTAGE team presented**, a water conservation awareness program conducted at ECE department on 16<sup>th</sup> December 2021 . Dr. Subrahmanya Uppoor Application Engineer TMEIC, India was the resource person.



## FDP/STTP/WORKSHOP

- Dr. Akshath M J has attended FDP on “ High performance computing” and “ CMOS digital VLSI Design”
- Mr. Manjunath G has attended 15days FDP on “VLSI Analog and Digital Laboratory Primer
- Mr. Kishore Kumar has attended 5days certificate FDP on “IOT”
- Mr. Shishiranjan has attended 6 days FDP on “Location tracking for Internet of Things”
- Mrs. Shruthi G has attended 1 month FDP on “ VLSI and Digital Laboratory Primer, 5days FDP on “an overview of teaching techniques in Basic Electronics and Communication Engineering”, 5days FDP on “Current Research Trends in VLSI Design and Device Modelling”
- Mrs. Mahadevi S Manur has attended 5 days FDP on “ Recent Advances in VLSI design”
- Dr. Jayapraksh Prasad has attended 5days FDP on “ Hands on training in Industrial Automation and “an overview of teaching techniques in Basic Electronics and Communication Engineering”

## FACULTY PUBLICATIONS

- Rajashekhargouda C. Patil and Chandrashekar N. S. have presented Journal paper “Ius Thegmine - Gender and Breed Detection of Silk Cocoons”, in International Journal of Research and Analytical Reviews, in the year January 2022 Vol:9, Issue:1,.
- Chandrashekar N. S. and Rajashekhargouda C. Patil, have presented conference paper “DBRAM-CSLA-CED Method for Lung Cancer Detection by Virtex 6 FPGA”, in International Conference on Innovations in Computer Science, Electronics & Electrical Engineering (ICICEEE 22) in the year February 2022.
- Rajashekhargouda C. Patil and Chandrashekar N. S., have presented conference paper “Sentimental Analysis on Amazon Reviews using Machine Learning”, Accepted in 2nd International Conference on Ubiquitous Computing and Intelligent Information Systems [ICUIS 2022], February 2022.

THANK YOU