

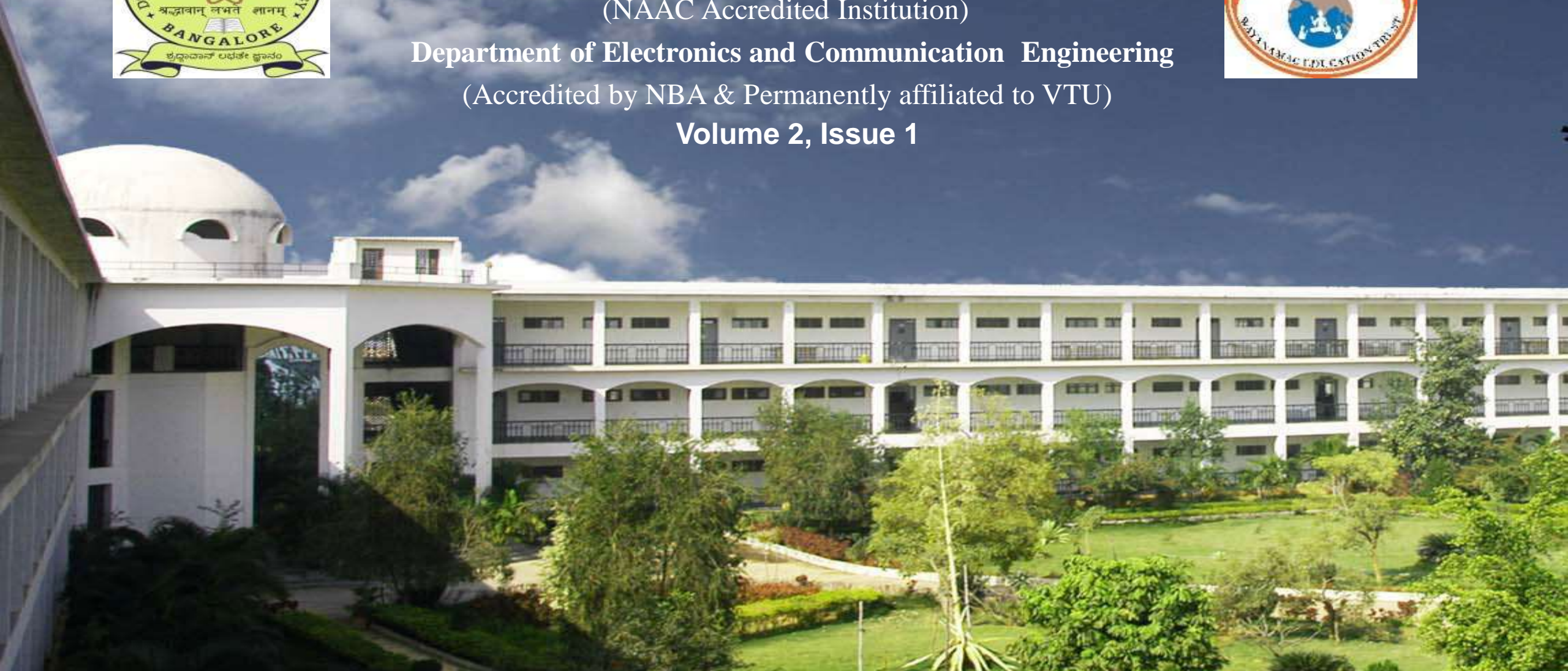
**DBIT**



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

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

**Volume 2, Issue 1**





## 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.



## 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



Testimonials

## 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%.



Advisory Board

DBIT

## 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
III	70 %
V	90 %
VII	86 %

### EVENTS ORGANISED

To tackle the effects of Climate Change and to create awareness among the students, The Ministry of Human Resource Development with AICTE came up with an initiative One Student.

#### ONE STUDENT ONE TREE



Prof. Umashankar, Principal, addressing the student about the importance of maintaining the eco balance

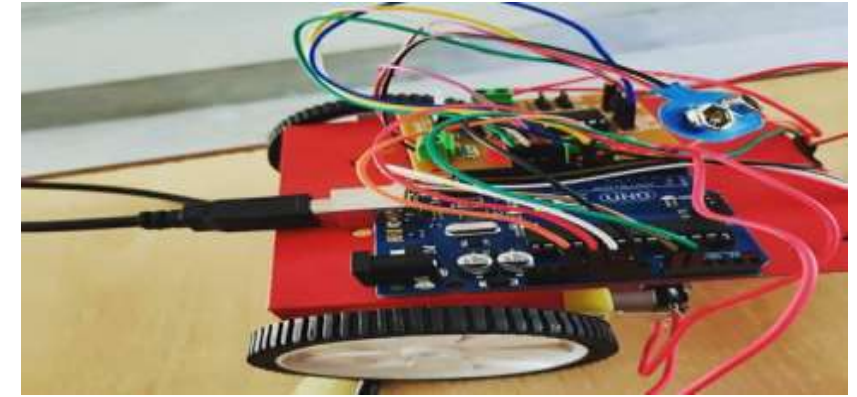


Students working on their models



## 2. ARDUINO WORKSHOP

A three-day workshop was held in the Dept. of ECE by Electronica Forum. This workshop was mainly focused on students of the third SEM , give them a brief introduction to Arduino Microcontroller and programming in c by the forum coordinators of electronica forum this event was divided into 3 sessions and was held on 22<sup>nd</sup> to 29<sup>th</sup> August 2019



## 3 .Law School

The Law School event was conducted on 19-09-2019 by the Electronica forum for all the students of the ECE department. The main aim of the event is to provide a platform for all the students to come out of the normal technical topics and showcase their talent in speaking out and debating, arguing on proofs and facts regarding important issues in our society and in general throughout the world.



Heated argument between the lawyers

## FUNDED PROJECT

1. Five day FDP on “Outcome Based Education(OBE) & NBA Accreditation” was sponsored by **TEQIP1.3 VTU, AICTE**, organized by Dr. RengaPrabhu P, HOD, ECE



Inauguration of OBE Programme

2. The 8<sup>th</sup> semester project “Traffic Density Monitoring and Controlling System” was funded by VTU, guided by Dr. RengaPrabhu P, HOD, ECE.



3. The 8<sup>th</sup> semester project “Block chain for Secured Communication in 5G Technology” was funded by KSCST, guided by Mr. Santhosh M Nejar, Assistant

## FDP, CONFERENCE ORGANIZED

1. An FDP programme “OBE & NBA Accreditation” was organized in DBIT sponsored under TEQIP 1.3, VTU.
2. One day conference on “8051 Microcontroller” was organized in DBIT, on 17<sup>th</sup> Oct. 2019.
3. An FDP programme “TBRP” was organized in DBIT sponsored by FAER from 22<sup>nd</sup> April to 10<sup>th</sup> May 2019.



**DBIT  
FDP, CONFERENCE, SEMINAR AND WORKSHOP ATTENDED**

1. Dr. Rengaprabhu P has attended conference on “OBE” on 29<sup>th</sup> July -2<sup>nd</sup> August 2019 held in DBIT.
2. Dr. Lalitha Y S has attended conference on “ICCSP-2019” in Melmaruvathur on 4<sup>TH</sup> – 6<sup>TH</sup> APRIL 2019.
3. Dr. Lalitha Y S has attended conference on “ICCSP NPTEL WORKSHOP” in PDA, KALBURGI on 30<sup>TH</sup> NOVEMBER 2019.
4. Prof. Shubha G N has attended conference on “Spectroscopic Ellipso metry” in Jawaharlal Nehru centre of Advance scientific Research on 4<sup>th</sup>-5<sup>th</sup> November 2019.

**DBIT**  
**DOCTORATE DEGREE**

1. Prof. Raja shekaragouda C Patil, Associate professor, has been awarded with doctorate degree from VTU university for his research work in the field of Bio-Medical Image processing, on 8<sup>th</sup> November 2019.
2. Prof. Rashmi S B., Assistant professor, has been awarded with doctorate degree from VTU university for her research work in the field of VLSI Design, on 8<sup>th</sup> November 2019.
3. Prof. Chandrashekar N. S., Associate professor, has been awarded with doctorate degree from VTU university for his research work in the field of Image processing with VLSI design, on 8<sup>th</sup> November 2019.



1. Dr. LALITHA Y S, “Fusion-Based Underwater Image Enhancement by Weight Map Techniques” International Journal, [https://doi.org/10.1007/978-981-13-1280-9\\_31](https://doi.org/10.1007/978-981-13-1280-9_31), P.No.-324 to 326. UGC Journal No. 49365.
2. Dr. LALITHA Y S, “A Novel Feature Level Fusion Method for classification of Remote Sensing Images ISSN: 2230-7990 (Online), ISSN: 2321-421X (Print) Volume 10, Issue 1; Year 2019, pp 58-65.
3. Dr. LALITHA Y S, “Classification of crops using ANN”, ISSN: 2277-3878, Volume-8 Issue-2, July 2019. Impact factor 5.92, Scopus Journal.
4. Dr. LALITHA Y S, "Design of Low Power 6t-Sram Cell for Advanced Processors", ISSN: 2249 – 8958, Volume-8 Issue-6S, pp 946-954, August 2019. ScopusJournal.
5. Dr. LALITHA Y S, “Design of Probabilistic Patch Based Glaucoma Detection using CDR by Optic-Disc and Optic-Cup Segmentation”, ISSN:2277-3878, Volume- issue3, September 2019, DOI:10.35940/ijrte.C5683.098319, pp-5044-5054 Impact facor-5.07. Scopus Journal.

THANK YOU