



# DON BOSCO

## INSTITUTE OF TECHNOLOGY



**IMPARTING QUALITY EDUCATION SINCE TWO DECADES**

**MYSORE ROAD, KUMBALAGODU, BANGALORE-560 074.**



Approved by  
AICTE, New Delhi

Recognized by Govt.  
of Karnataka

Affiliated to VTU  
Belagavi

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NAAC

Accredited by NBA, New Delhi  
(CSE, ISE, ECE, EEE & ME)

**Department of Information Science and Engineering**

# SHABDKOSHA SANDESHA

**Volume 1, Issue 2**

**JAN 2019-JUNE 2019**



### VISION

To impart quality education and industry oriented knowledge inputs to prepare software engineers. To create center of excellence in research and development of software's. To create professionally superior and ethically strong global manpower.

### MISSION

To provide students with a sense of history, an understanding of values and ethics, a commitment to law and morality, an appreciation of human creativity and an analytical inquiring mind. To create the state-of-art laboratories facilities. To conduct the advanced courses in IT related fields. To create environment for research and development.

### OBJECTIVES

The department has state-of-art infrastructure in terms of well-equipped laboratories and library for staff and students. It has qualified and experienced teaching faculty with an average experience of 17years. The department has got the greater ambience of research in diversified areas. The department has got a wide technical spectrum through the Centre of Excellence, Innovation lab, industrial tie-ups, collaboration, MOUs, and online forums.

## **PRESIDENT MESSAGE**



***Sri B. Bylappa***  
***President, WET***

I am very happy that the Department of Information Science and Engineering is bringing out a “NEWS LETTER”. I congratulate all those concerned with this work.

## **EXECUTIVE DIRECTOR MESSAGE**



***Sri B Manjunath***  
***Executive Director***  
***DBIT***

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

## **SECRETARY MESSAGE**



***Sri Raghav Bylappa***  
***Secretary, WET***

Happy to learn that the department of Information Science and 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 ISE “NEWS LETTER”

## **PRINCIPAL's MESSAGE**



***PROF. B. S. UMASHANKAR***  
***B.E., M.E.***

We welcome you to DBIT - to an Intense Journey of Informed Quest. The essential quality required in an Engineering Graduate is the ability for Effective Problem – Solving. We at DBIT work towards honing the basic analytical and rational skills of students along with developing in them the crucial aspect of a mindset for a Holistic and Systemic Approach. Also, the students are encouraged and motivated to imbibe the Managerial and Administrative Attributes that are very important for a professional career. Besides, we inculcate the virtues of hard work and diligence among its students enabling them to overcome obstacles in the journey of their future lives with Dignity and Poise.

Recognizing the vulnerable stage of life that the entrants - to an engineering programme - are in, each student is mentored by a Teacher Guardian/Mentor and the institution boasts of a full-fledged On-Campus Counsellor.

## **HOD's MESSAGE**

Greetings from the Department of ISE at DBIT, Bengaluru.

It is a great pleasure for me to lead the Faculty of Information Science and Engineering, which is working towards the goal of providing students with an innovative and high quality education and achieving academic excellence.

There are MOUs with major industries and partnerships with professional organizations such as ISTE and CSI. The ISE course emphasizes creativity and innovation and is supported by dedicated faculty who strive to inspire their students.

The motto of the department is to provide quality technical education to make the students industry-ready. Our goal is to ensure that our engineering graduates are well prepared to play the roles of problem solvers, project leaders, entrepreneurs, and above all ethical citizens of a global society.

We are confident that our students will emerge as assets not only to the institution and to the organization they join, but to the society at large. With this, I would like to congratulate the students and staff for their brilliant achievements and wish them a great future.

All the Best"



***DR ASHOK KUMAR P S***  
***Professor & Head***  
***Dept. of Information Science and***  
***Engineering***

# ACTIVITIES

## FORUM ACTIVITIES

- The INFONIX Forum was started in the year 2007 by ISE department of DBIT, student Technical Forum in lifting the students Talents.
- The forum mainly creates a platform for the young budding engineers to nurture their skills and talents and it bridges the gap between possible and impossible. Which is required in this competitive IT HUB? And it also acts as a place to exhibit and share the information and thoughts as the world runs with the network.
- The forum was successful in conducting various events like technical quiz, Gaming, Coding, Talent Hunt and Logo Design.
- The Infonix forum Events was conducted for ISE students on January 2019.
- The Infonix forum Day for ISE students was held on January 2019.

## WORKSHOP CONDUCTED

### Recent Trends in Big Data Analytics Workshop

Technical Talk on “Recent Trends in Big Data Analytics” by Dr. Vijayalakshmi and Prof. Shaila Koppad, Professors Dept of CSE, RVCE Bangalore. Conducted on 27/03/2019 for VI sem Students of ISE.

Advantages of Full Stack Development:

1. Fraud detection.
2. Increased productivity
3. Increased ability
4. Reduce cost of business processes.

### Cyber Safety and Security Standards Workshop

One day workshop on “Cyber Safety and Security Standards” by Mr. Harish T.T Chair Member, National Cyber Defence Research Centre, New Delhi. Conducted on 30/03/2019 at New Seminar Hall, DBIT

Advantages of Cyber Safety and Security Standards:

1. Protection of Intellectual property.
2. Improves customer confidence.
3. Preventing financial fraud and embezzlement.
4. Data protection from unauthorized access, loss or deletion.

### IoT Application- Exploring Humanoid Robot Workshop

Guest Lecture on “IoT Application- Exploring Humanoid Robot” by Mr. Najeer Ahmed Allabhaksh Sangam Director and Mr. Viswanath Shivappa Sajjan Director, Innostem Edunice Edlabs Private Limited's, Bangalore. Conducted on 09/05/19.

Advantages of IOT Application:

1. Improved productivity of staff and reduced human labor.
2. Efficient operation management.
3. Cost effective operation.
4. Improved work safely.

# ACHIVEMENTS

## *Student Achievement*

- Jeevan G has secured Bronze in VTU Intercollegiate Netball tournament in the year 2018- 2019.
- VTU Inter Collegiate Soft Ball tournaments and Participated in VTU Inter Collegiate Soft Ball tournaments by Varshita S-1DB18IS093
- Participated in VTU Inter Collegiate Bass ball & Soft Ball tournaments. Participated in Bass Ball & Soft Ball by Manish Rohith S. 1DB18IS044
- Participated in VTU Inter Collegiate Athletics Tournaments. Participated in Net Ball by Mr. Aditya.S 1DB15IS003
- Participated in VTU Inter Collegiate Soft Ball tournaments by Harshitha S 1DB15IS011
- Participated in VTU Inter Collegiate Soft Ball tournaments by Apoorv M N 1DB15IS007



Pavithra J, Pratheeksha C Dhanpal, PravallikaS, Shafiya Shaur, Bhoomika S A of 5th Sem students has bagged 3rd Prize in making a model from waste materials

## *PAPER PUBLICATIONS BY FACULTIES*

- 1.Gowramma G.S, ShantharamNayak, Nagaraj Cholli, 2019, "Improved Study of IVF Data for the Selection of Influential Parameters on Fertility Prediction using Data Mining Techniques.", ICICST, pp 87, ISBN: 978-93-5396-425-2.
2. Gowramma GS, ShantharamNayak, Nagaraj Cholli, 2019, "Intrinsic and Extrinsic Factors Predicting the Cumulative Outcome of IVF / ICSI Treatment", International Journal of Innovative Technology and Exploring Engineering (IJITEE) volume-9, Issue-25, ISSN: 2278-3075, pp269-273
- 3.Dr. Anasuya N. J., Dr. Manjunathaswamy B. E., Puneeth Kumar P, 2019 "Third Platform Technologies", International Conference on Innovations and Challenges in Science and Technology (ICICST-2019).
- 4.Yashaswini D.K, 2019, "Stress detection using Deep Learning and IOT", IJERSM, Aug 2019, Vol 2, Issue 8, ISSN 2581 5792
- 5.Mohan Kumar A.V, 2019" A Survey on Challenges and Research Opportunities in Opinion Mining", ICACI-2019, GSSSIETW, 18th, and 19th July 2019.
- 6.Manjula. K, Dr. S. MeenakshiSundaram, 2019, "An Optimized SPCA for load balancing in distributed systems", ICACI, GSSSIETW, 18th, and 19th July 2019. (SPRINGER Nature Publication)
- 7.Nayana D V, Mamatha K, Formal Specification and Verification for Cloud Computing using Cross Tenant Access Control (CTAC) Model, International Journal of Science and Innovative Engineering & Technology, May 2019 Issue Volume 7 Isbn 978-93-81288-18-4.

## *Publications by Students*

1. Rajath S, "Weighted base auto updating inventory management system" International Research Journal of Engineering and technology(IRJET), e-ISSN:2395-0056, Volume-6, Issue-5, May-2019.
2. Adithya S Bhat, Prajwal B.N, Formal Specification and Verification for Cloud Computing using Cross Tenant Access Control (CTAC) Model, International Journal of Science and Innovative Engineering & Technology, May 2019 Issue Volume 7 Isbn 978-93-81288-18-4.

# TOPPERS

SI No.	USN	NAME	Percentage
1.	1DB16IS051	Umme Athiya	83.75%
2.	1DB16IS042	Sahana S Mathad	83.38%
3.	1DB16IS013	Divyashree Sharma	83%
4.	1DB16IS033	P Shreelekha Mitra	82.5%
5.	1DB16IS039	Rakshitha K	82.13%
6.	1DB16IS047	Spoorthi S	82%
7.	1DB16IS040	Ramanand Sirvi	79.25%
8.	1DB16IS054	Varsha R	79.13%
9.	1DB16IS053	Varalakshmi B	77.5%
10.	1DB16IS055	Vijayalakshmi Ingin	76.88%

# PLACEMENTS

Sl. No.	Placed Student Name	USN	Company Name	Package
1	VAISHNAVI A MUSHIGERI	1DB15IS056	Krish Infotech pvt limited	3.2LPA
2	SINDHU C	1DB15IS046	Krish Infotech pvt limited	3.2LPA
3	NAGAVENI S	1DB15IS021	Krish Infotech pvt limited	3.2LPA
4	ABHISHEK A P	1DB15IS001	VHU Technologies	3LPA
5	VARSHA C	1DB15IS057	Rapsol technology Private Limited	3LPA
6	TAMEEMA HUSSAIN	1DB15IS054	Legato	3LPA
7	SRINIDHI M	1DB15IS049	Rapsol technology Private Limited	3LPA
8	RAHUL C	1DB15IS036	VHU Technologies	3LPA
9	PRIYA DARSHINI A	1DB15IS034	Testyantra	3LPA
10	MADHURA B M	1DB15IS017	Infosys	3LPA

**Chief Editor**

**Editor**

**Dr Ashok kumar P S**

**Mr. Basavaraj Neelgund**

**Professor and HOD**

**Assistant Professor**

**Department of ISE**