



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

Accredited by
NAAC

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

Department of Information Science and Engineering

SHABDKOSHA SANDESHA

Volume 2, Issue 2

JAN 2020-JUNE 2020



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

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.

DR. HEMADRI NAIDU T

**B.E., M.E., Ph.D., MIE., MISTE.,
MIWS., FIV**

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"



Prof. GOWRAMMA G 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 2020.
- The Infonix forum Day for ISE students was held on January 2020.

WORKSHOP CONDUCTED

Issues and Challenges in Cyber Security-CSI Workshop

Issues and Challenges in Cyber Security-CSI Was conducted on 02 June 2020. Machine learning deployment model using Flask and other Techniques. This workshop was conducted on 04 June 2020.

Advantages of Cyber Security:

1. Data protection from unauthorized access.
2. Protection of cyber espionage.
3. Improves customer confidence.
4. Preventing financial fraud.

Artificial Intelligence Workshop

Career Road Map for Artificial Intelligence professional Was conducted on 05 June 2020.

Advantages of Artificial Intelligence:

1. Deeper Data analysis.
2. Lower Human Error rate.
3. Increased efficiency.
4. Improved workflows.
5. More informed decision making.

Intellectual Property Rights Workshop

Interactive Webinar on Importance of an Intellectual Property Rights in Engineering Education Was conducted on 30 June 2020.

Advantages of Intellectual Property Rights:

1. Greater Export opportunities.
2. Obtaining finance becomes easy.
3. IP helps in enhancing the company name

ACHIVEMENTS

STUDENT'S ACHIEVEMENTS

Students of Don Bosco Institute of Technology from Information Science and Engineering GUVI and UiPATH have participated in "RPA SKILLATHON" steps into robotic process automation certifications conducted on 01 June 2020. Online hackathon - Reshma M(1DB18IS064) , S P Vaishnav Bharadwaj (1DB17IS041), won the 1st prize of Rs 4000/- held on 24th - 28th December 2020

PAPER PUBLICATIONS BY FACULTIES

- **Gowramma G.S, ShantharamNayak, Nagaraj Cholli**, 2020, "Data Mining Models Applied in Prediction of IVF Success Rates: An Overview", International Conference on Data Science for Computational Security (ICDSCS), published in Springer proceedings Lecture Notes in Networks and Systems (LNNS).
- **Manjula. K, Dr. S MeenakshiSundaram**, 2020, Improved and Efficient Dynamic Load Balancing Algorithm in Cloud-based Distributed System, IJRTE, January 2020, Volume-8 Issue-5, (SCOPUS), ISSN: 2277-3878,
- **K.Balaji, Dr.M.Selvam, Dr.R.Rajeswari**, Impact of Artificial Intelligence (AI), Internet of Things (IoT) & STEM Social Enterprise Learning based applications in the Teaching and Learning process of Engineering Education, Springer Nature.
- **M Selvam, Aishwarya R Yadahalli, Monisha M Dindi, Nithin B** IOT Enabled School Bus Monitoring and Notification System, Springer Nature 2020.

TOPPERS

| SI NO. | Name | USN | Percentage |
|--------|---------------------|------------|------------|
| 1. | RAKSHITHA K | 1DB16IS039 | 91 |
| 2. | P SREE LEKHA MITHRA | 1DB16IS033 | 90.43 |
| 3. | UMME ATHIYA | 1DB16IS051 | 90.14 |
| 4. | MITHUN GOWDA V | 1DB15IS020 | 88.43 |
| 5. | HARSHITH P B | 1DB16IS015 | 87.86 |
| 6. | JAYASHREE T | 1DB16IS017 | 87.71 |
| 7. | RAMANAND SIRVI | 1DB16IS040 | 87.71 |
| 8. | CHAITRA HV | 1DB16IS010 | 87.43 |
| 9 | DIVYASHREE SHARMA | 1DB16IS013 | 87.14 |
| 10 | VARSHA R | 1DB16IS054 | 87 |

PLACEMENTS

| Sl. Num. | Placed Student Name | USN | Company Name | Package |
|----------|---------------------|------------|--------------------------|---------|
| 1 | ANANYA B | 1DB16IS004 | Epsilon | 4LPA |
| 2 | HARSHITH P B | 1DB16IS015 | Happiest Minds | 4LPA |
| 3 | P SREE LEKHA MITHRA | 1DB16IS033 | capgemini | 4LPA |
| 4 | PRAAJNA SHETTIGAR | 1DB16IS036 | Happiest Minds | 4LPA |
| 5 | RAMANAND SIRVI | 1DB16IS040 | Project Thinker services | 4LPA |
| 6 | SHALINI SHIVARAM | 1DB16IS044 | Happiest Minds | 4LPA |
| 7 | YASHASWINI R | 1DB16IS058 | Cognizant | 4LPA |
| 8 | RAKSHITHA K | 1DB16IS039 | Mindtree | 3.5LPA |
| 9 | VINUTHA N | 1DB16IS057 | Sonata Software | 3.5LPA |
| 10 | MEDHA B S | 1DB16IS026 | TCS | 3.36LPA |
| 11 | JAYASHREE T | 1DB16IS017 | Tech Mahindra | 3.25LPA |
| 12 | LAKSHMI R GOWDA | 1DB16IS022 | Tech Mahindra | 3.25LPA |
| 13 | MANISH KUMAR G | 1DB16IS023 | Tech Mahindra | 3.25LPA |
| 14 | MANJUNATH D MURDI | 1DB16IS024 | Tech Mahindra | 3.25LPA |
| 15 | SULOCHANA S | 1DB16IS049 | Tech Mahindra | 3.25LPA |
| 16 | SURYA NARYANA G B | 1DB16IS050 | Turn Tech | 3.25LPA |

Chief Editor

Editor

Gowramma G S

Ms. Asha K H

Associate Professor and HOD

Assistant Professor

Department of ISE