Department of Information Science and Engineering

SHABDKOSHA SANDESHA
Volume 2, Issue 1   JULY 2019-DEC 2019

VISION

To impart quality education and industry oriented knowledge inputs to prepare software engineers. To create center of excellence in research and devlopment 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 sate-of-art laboratories facilities. To conduct the advanced courses in IT related fields. To create environment fore 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

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.

Sri B. Bylappa
President, WET

EXECUTIVE DIRECTOR MESSAGE

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.

Sri B Manjunath
Executive Director
DBIT

SECRETARY MESSAGE

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"

Sri Raghav Bylappa
Secretary, WET

DR. HEMADRI NAIDU T
B.E., M.E., Ph.D., MIE., MISTE., MIWS., FIV

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.

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 departement of DBIT, student Technical Forum in lifting the students Talents.
- The forum mainly creates a platform for the young budding engineer's to nurture their skills and talents and it bridges the gap between possible and impossible. Whichis required in this competitive IT HUB? And it alsoacts as a place to exhibit and share the information and thoughts as the world runs with the network.
- The forum was successful in conducting variousevents like technicalquiz, Gaming, Coding,Talent Hunt and Logo Design.
- The Infonixforum Events was conducted for ISEstudents on 18 & 19 Sept. 2019.
- The Infonixforum Day for ISE studentswas held on 24 Sept. 2019.

WORKSHOP CONDUCTED

Full Stack Web Development Workshop

Full Stack Web Development workshop was conduct- ed on 16th September 2019 for the student of 7th sem. In this workshop students are thought how to work with the frontend, backend and databases.

Advantages of Full Stack Development:

1. Knowledge of both front-end and backend.
2. Caters the Design Structure as well.
3. Can Easily Take the Charge of Project Responsibility.
4. Proves to be Cost-Effective.
5. Fast and timely Delivery of the Project.
6. Easy Maintenance and Updates.

Computer Network Workshop

Computer Networking Workshop which was conducted on 13th of September 2019 for the studentsof 5th sem. In this workshop students gain the knowl- edgeabout computer networking. Networking computers can also help you improve communication, so that:

1. Staff, suppliers and customers can share information and get in touch more easily.
2. Your business can become more efficient - eg networkedaccess to a common databasecan avoid the same data being keyedmultiple times, savingtime and preventing errors.
3. Staff can deal with queries and deliver a better stan- dardof service as a resultof sharing customerdata.

Database Application Workshop

Database Application with mini project exhibition was conducted on 29th of December 2019. Students had to do the mini project on database application and exhibit their projects.

Advantages of Databaseapplication:

1. Reducing Data Redundancy.
2. Sharing of Data.
3. Data Integrity.
4. Data Security.
5. Privacy.
6. Backup and Recovery.
7. Data Consistency.

ACHIVEMENTS

STUDENT'S ACHIEVEMENTS

Ramanand Sirvi, Manjunath Murdi, SP VaishnavBharadwaj, Harshith P B students of Don Bosco Instituteof Technology have won 1st place out of 32 teams which was selected to the final round. Rupees 50,000 is being Awarded to students. It was aNational Level Code Hackathon named as Smart Tantrota-2019. Organised by PDA College of Engineering And Bundelkhand Institute of Technology from Jhansi sponsored by TEQIP – 3 on 13 – 14 September 2019

Jeevan has participated twice in all India inter university netball championship in 2016 and 2018 He has also secured 3rdplace in federation nationals in the year 2016. He has got best player Award in Intercollegiate Netball Tournament in the year 2018-19. He has secured Bronze in VTU Intercollegiate Netball tournament in the year 2019-2020.

Amogha Varsha has bagged Rs 6,000 & Awarded as runner-up in Codethon – 2019 powered by Goldman Sachs. Organized by ST. XAVIERS SCHOOL for Technical Education on September 2019.

KARAN S 1DB18IS036 Participated in Cricket Participated in VTU Inter Collegiate Cricket tournaments

Divya 1DB18IS029 Participated in Chess VTU Inter Collegiate Chess-Championship

PAPER PUBLICATIONS BY FACULTIES

1. Gowramma G S, Improved Study of IVF Data for the Selection of Influential Parameters on Fertility Prediction using Data Mining Techniques", ICICST, ISBN:978 93 5396 425 2,pp 86, Dec 2019.

2. Gowramma G S, Intrinsic and Extrinsic Factors Predicting the Cumulative Outcome of IVF / ICSI Treatment: A Systematic Review", IJITEE, ISSN: 2278 3075, Volume 9 Issue 2S, pp 260 273, Dec 2019.

1. Dr.Anasuya N Jadagerimath, Third Platform Technologies. Improved Study of IVF Data for the Selection of Influen tial Parameters on Fertility Prediction using Data Mining Techniques", ICICST, ISBN:978 93 5396425 2,pp 84, Dec 2019.

2. Dr.Anasuya N Jadagerimath, Dimension Reduction of Hand and Face Feature Level Fusion in Multimodel Bio metric Authentication. IJITEE Scopus free Journal , July 2019.

1. Shankara Gowda S R, Dimension Reduction of Hand and Face Feature Level Fusion in Multimodal Biometric Authentication . IJITEE Scopus free Journal , July 2019.

2. Shankara Gowda S R, A Novel Approach using K Means Technique for Matching and Clustering to Reduce Time Complexity, IJRAR, July 2019

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1. Mohan Kumar AV,"A Survey on Challenges and Research opportunities in Opinion Mining", ICACI 2019, GSSSI ETW, 18 th and 19 th July 2019.

2. Mohan Kumar A V, "Sentiment Analysis Using Robust Hierarchical Clustering Algorithm for Opinion Mining On Movie Reviews Based Applications", 'International Journal of Innovative Technology and Exploring Engineering (IJITEE)', ISSN: 2278 3075 (Online), Volume 8 Issue 8, June 2019, Page No.:452 457.

1. Yashaswini DK, Smart chatboat for agriculture, IJESC, vol 9 Issue no 5, may 2019, ISSN 225013712.

2. Smart chatboat to assist in Yeild generation, IJESC, vol 9 Issue no 5, may 2019, ISSN 225013713. Stress Detection using Deep Learning and IoT.

3. Stress Detection using Deep Learning and IoT International Journal of Research in Engineering, Science and Man agement Volume 2, Issue 8, August 2019 www.ijresm.com, ISSN 2581 5792.

1.Manjula k, Optimised SPCA for load balancingindistributed HDFS cluster, ICACI Springer IETE series, July 2019

2. Improved and Efficient Dynamic Load Balancing Algorithm in Cloud based Distributed System, volume8 issue 5, IJRTE, January20,2020.

1. Asha KH, "Regionaltransport services throughsmart governance using big data" IJARIIT, vol 5 Issue no 3, may 2019,ISSN 2454 132X.

2."Traffic analysisof whatsapp calls"IEEE International Conference,june 2019.

1.Puneeth Kumar P, SpeechEncoding Using LPC and VoiceExcited LPC(National)

2. Third PlatformTechnologies(International) Navya Shridhar CS, "A Survey on Security of IoT Devices".

PARENTS - TEACHERS MEETING

The parents-teachers meet will be conducted once or twice a year at progress reporting periods. The following major objectives:
1. To help the parents realize their respective roles in promoting Outcome based education.
2. To seek parents co-operation & involvement in the Outcome based educationprogramme.

Parents Meet is a great opportunity to:
• Share academic progress & growth based on classroom observations, testing data, assessments, portfolios & assignments.
• Learn from parents/guardians so you can be better informed about students' strengths, needs, behaviors and learning styles.
• Discuss enrichment or intervention strategies to support students' learning.
• Discuss issues that may be interfering with students' learning and growth.

TOPPERS

UMME ATHIYA
7th SEM - 8.40

DIVYASHREE SHARMA
7th SEM - 7.98

RAKSHITHA K
7th SEM - 7.94

SHUKRUTHA B J
5th SEM - 8.76
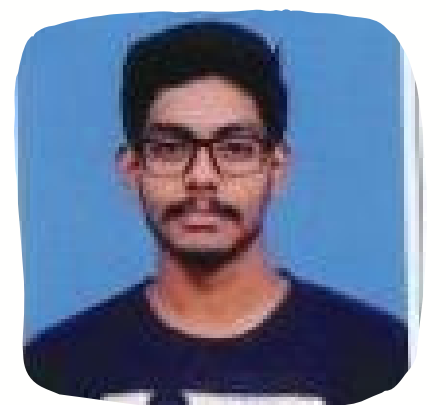
PARVALLIKA S
5th SEM - 8.44

AISHWARYA S
5th SEM - 8.32

DEEPIKA A
3rd SEM - 9.25

GREESHMA N
3rd SEM - 9.05

JAYARAM KRISHNA
3rd SEM - 8.97

PLACEMENTS

Sl.no.	Name of the student placed	USN	Company Name	Package
1	DIVYASHREE SHARMA	1DB16IS013	Accenture	6.5LPA
2	SPOORTHI S	1DB16IS047	Accenture	6.5LPA
3	ASWATHI RAJESH	1DB16IS007	NTT Data	5LPA
4	VAISHNAVI JADAV	1DB16IS052	Harman	5LPA
5	VARALAKSHMI B	1DB16IS053	Harman	5LPA
6	K SAI SHIRISHA	1DB16IS019	Harman Consulting	4.8LPA
7	JEEVAN G	1DB16IS018	IBM	4.25LPA
8	SAHANA S MATHAD	1DB16IS042	IBM	4.25LPA
9	AJITH B	1DB16IS003	Amazon	4.2LPA
10	MEGHANA S	1DB16IS027	Amazon	4.2LPA
11	SHRUTHI D	1DB16IS045	Amazon	4.2LPA
12	VIJAY LAKSHMI INGIN	1DB16IS055	Amazon	4.2LPA

Chief Editor

Gowramma G S

Associate Professor and HOD

Department of ISE

Editor

Ms. Asha K H

Assistant Professor