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Sanganaka Pata

Newsletter

JAN-2019- JUNE 2019

Vol. 1 Issue 2

Department of Computer Science & Engineering

Don Bosco Institute of Technology

Mysore Road, Kumbalagodu, Bengaluru – 560 074



Sanganaka Pata



Vision

To become center of excellence for educating students in Computer Science and Engineering, and enabling them to become successful and socially responsible future software professionals.

Mission

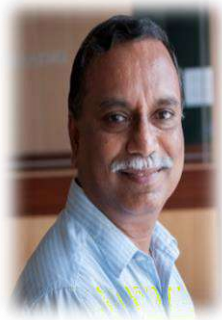
M1: To impart knowledge that builds software skills with logical and structured thinking.

M2: To provide both formal and informal learning environments to become globally competitive software professionals.

M3: To motivate towards becoming a quick learner, good team player, acquire leadership skills with excellent communication, time and task management.

M4: To inculcate professional ethics and concern for the environment for the benefits of society.





HOD's Message

Prof. B. S. Umashankar

Professor & Head

Department of Computer Science & Engineering

On behalf of Management, Principal, and Staff of Department of Computer Science & Engineering, with great happiness and pride, I place on record the memorable achievements of our staff and students during the academic year 2018-19.

Our Department of Computer Science & Engineering encourages Project-based learning and Research focus with majority of the faculty members having/pursuing Ph. D.

A project exhibition was held on 22nd May 2019 and final year B. E. students exhibited their project works. Cash prizes were awarded to best 4 projects. Hearty congratulations to the winning teams and appreciation for participants. I thank all the faculty coordinators for successfully conducting the event.

I also thank project guides for encouraging students to publish technical papers.

A workshop was conducted to create awareness on cybersecurity and safety among students. I would like to thank Mr. Harish T. T., Cyber Security Professional, who was the resource person for the excellent presentation.

Students' Achievements

Silver Medal

The following students have won Silver Medal for academic performance

Sl. No.	USN	Name
1	1DB15CS015	Akshatha K
2	1DB15CS059	Goutam Prabhakar Naik
3	1DB15CS105	Niveditha G
4	1DB15CS013	Akashtha C
5	1DB15CS102	Nisha D Nair

Student Paper Publication

SI. No	Title	Authors Name	Journal Name	National/International	Volume	Issue
1	An Efficient Analysis of Geo-social media to compose real-time Decision in Big-Data	K N Sai Sanjana Nikitha M Pavitra L Rachana K R Dr. Thippeswamy GR	International Journal of Scientific Research and Engineering Development (IJSRED), May 2019	International	2	3
2	Efficient and secure data access control with multiple attribute authority in public cloud storage.	Achutha H. Bharadwaj, Bhuvanendra R. Hirewadeyar, Deepak S Prof.Umashankar BS	International Journal of Advance Research Ideas and Innovation in Technology, May 2019	International	5	3
3	Aggregate Secured key Cryptosystem on a cloud with Dynamic Data Sharing	Yateesh Kumar D G Prajwal R Prashanth C K Subramaniyam R Dr Thippeswamy G R	International journal of Scientific Research and Engineering Development	International	2	3
4	Privacy-Preserving for Mobile Computing	Pooja G Thodkar Rashmitha S Meghana M G Lakshmi Vrinda	International Journal of Trend in Research and Development, June 2019	International	6	3
5	Life Invader E-Commerce Hub	Akshay Gade Harshitha Mohammed Shadique Aniket Yashaswini B M	International Journal of Advance Research Ideas and Innovation in Technology, May 2019	International	5	3
6	Stress Detection using Deep Learning and IOT	Shashank G Dhanya Sachin S Bhat Sahana Y S Shama Adiga Yashaswini D K	International Journal of Engineering Science and Computing	International	5	3
7	Smart Chabot for Agriculture	Hemalatha R Niveditha G Yashaswini D k	International Journal of Engineering Science and Computing	International	9	5
8	Implementation of Large-scale video Storage system over	Goutam Prabhakar Naik Abhishek Vinayak	International Journal of Advance Research Ideas and Innovation	International	5	3

	a Distributed system	Goutama B R Brahmesh Jain M A Geeta S H	in Technology, May 2019			
9	Virtual Assistant Based Recommendation System	Darshan B S Ajay S Akshatha c Aishwarya V Shilpa S G	International Journal of Advance Research Ideas and Innovation in Technology, May 2019	International	5	3
10	Credit card Fraud Detection Using Anomaly Feature Detection	Navya P R Jahnvi P Lavanya K G Shilpa S G	International Journal of Trend in Research and Development, June 2019	International	6	4

Project Exhibition Details Feb-May 19

A one Day Project Exhibition was organized on 22nd May 2019 by Department of CSE with total of 30 project teams. Among 30 project teams only 10 best teams were shortlisted for the next final round.





In the final round totally 4 teams won the following cash prize.

Sl.NO	USN	Name	Project Title	Guide Name	Awards	Amount In Rs.
1	1DB15CS066	Jatin Gajwaani	Capture Replay Based Test automation in Unity 3D	Mr. Shivakumar Dalali	1st Prize	5,000/-
2	1DB15CS014	Akshay Gade	Live Invader smart e-Commerce Web	Ms. Yashaswini B.M.	2nd Prize	3000/-
	1DB15CS023	Aniket Kumar				
	1DB15CS061	Harshitha S				
	1DB15CS083	Md. Shadique Hussain				
3	1DB15CS080	Nisha D Nair	Deep Learning-Based visual QA for image captioning	Ms. Chaitra A.S.	3rd Prize	1000/-
	1DB15CS102	Megha A G				
	1DB15CS084	Prakruthi M K				
	1DB15CS060	Manasa Rao				
4	1DB15CS139	Shashank G Dhanya	Stress Detection using IoT and ML	Ms. Yashaswini D. K	3rd Prize	1000/-
	1DB15CS129	Sachin S Bhat				
	1DB15CS130	Sahana Y S				
	1DB15CS137	Shama Adiga				

Faculty Achievements

Publications

- **Rohini B R**, 2019 *Bitcoin-Virtual Cryptography: Research Challenges*, International Conference Innovations Challenges, DBIT, Bengaluru.
- **Naveen N**, 2019 How Edge Computing Leads to the first real smart City, 9th International Conference on Recent Engineering and Technology, NHCE, Bengaluru.
- **Naveen N**, 2019 “Predicting Transitional Interval of Kidney Disease Stages 3 “, National Conference on Science, Engineering and Management, TOCE, Bengaluru.

Events

Workshop: Cybersecurity and Safety Standard

Sponsored/Conducted by: Dept. of CSE

Conducted on: 31/03/2019

No. of Attendees: 60

Cybercrime is a global problem that's been dominating the news cycle. It poses a threat to individual security and an even bigger threat to large international companies, banks, and governments. Today's organized cybercrimes far out shadow lone hackers of the past now large organized crime rings function like start-ups and often employ highly trained developers who are constantly innovating online attacks. With so much data to exploit out there, Cybersecurity has become essential.

Cybersecurity is primarily about people, processes, and technologies working together to encompass the full range of threat reduction, vulnerability reduction, deterrence, international engagement, incident response, resiliency, and recovery policies and activities, including computer network operations, information assurance, law enforcement, etc."

Objectives and Learning outcomes

This workshop helps the students to create awareness on cybersecurity and safety with the following outcomes.

1. Protection from malicious attacks on computer networks, smartphones, and computers.
2. Detection of malicious attacks on your network, smart, and computers.
3. Prevents users from unauthorized access to the network, smartphones, and computers.
4. Denys programs from certain resources that could be infected to smartphones and computers.
5. Identifying various cyberattacks, threats, and vulnerabilities.



Mr. Harish T. T., Cyber security professional, conducting workshop on Cybersecurity

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CSE

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