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Sanganaka Pata

Newsletter

July-2019-Dec 2019

Vol. 2, Issue-1

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

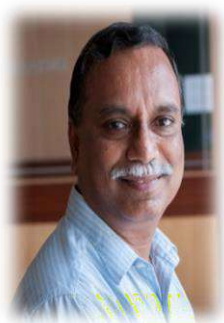
M1: To impart knowledge that builds software skills with logical and structured thinking.

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 odd semester 2019-20.

B. E. (Computer Science & Engineering) program is accredited by National Board of Accreditation (NBA) with the accreditation status valid upto 30-6-2022. Our institution was accredited by National Assessment and Accreditation Council (NAAC) for a period of three years upto 2022.

As we know Government of India has launched the Digital India programme with the vision to transform India into a digitally empowered society and knowledge economy.

Digital India aims to provide the much needed thrust to the nine pillars of growth areas, namely Broadband Highways, Universal Access to Mobile Connectivity, Public Internet Access Programme, e-Governance: Reforming Government through Technology, e-Kranti - Electronic Delivery of Services, Information for All, Electronics Manufacturing, IT for Jobs and Early Harvest Programmes.

Computer Science & Engineering field has tremendous scope and offers a wide range of opportunities.

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

Innovative video learning solutions are provided for better learning outcomes.

Add-on training programmes are provided from prominent IT companies like Infosys, Abstream Technologies, Oracle, DELL-EMC etc. Students have been selected for Internships in premier organizations like National Informatics Centre, Robert Bosch, HAL, BSNL, NALCO, Abstream Technologies, VTricks Technologies, Verzeo etc.

Outcome-based education has provided a number of advantages:

- *Provided a strategic way to enhance the quality of teaching and learning*
- *Provided a mechanism for ensuring accountability and quality assurance*
- *Helped students to take responsibility for their own learning*
- *Provided a means for students to articulate the knowledge, skills and experience acquired during their program*

The holistic approach with excellent academic facilities supported with equally best sports and cultural activities has made our students to be confident and independent.

Students' Achievements

- **Spoorthi B. K., Soumya S. Kamath, and Yasha Srinivas**, have secured First Prize in *Sustainable Waste Management Poster Presentation* held on August 30th, 2019 conducted by Dept. of Computer Science & Engineering, CHRIST (Deemed to be University)
- **Sharath N. and Bharath N.** participated in VTU Bangalore Zone Chess tournament 2019-20 held at Jyothy Institute of Technology, Bangalore during August 16th – 17th, 2019.
- **Swathi V.** participated in one day workshop on “Artificial Intelligence” on September 14th 2019 and one day workshop on “Data Structures” on September 21st, 2019 at ABC Pvt. Ltd. Bangalore
- **Subodh Ramteke** participated in “Internet of Things” workshop organized by Robokart in association with E-Cell, IIT-Bombay during November 2nd – 3rd, 2019
- **Shubham Dangi** won Flipkart Gift Card worth Rs. 5,000 for reporting a Critical Bug and has also participated in Sentinel Hack 2.0 during November 12th – 13th, 2019 conducted at KSIT, Bangalore
- More than 50 students have completed online courses from NPTEL, Coursera, Udemy, PentesterLab, Sololearn, etc. in the latest computer science topics

Faculty Achievements

Publications

- **Bhaskar R, Dr. Shylaja B. S.**, *Dynamic Virtual Machine Provisioning in Cloud Computing Using Knowledge Based Reduction Method*, 5th International Conference on Computing in Engineering & Technology, Jan 9-11 2020. (Shortly will be published in Springer AISC Series)
- **Bhaskar R, Dr. Shylaja B S**, *KBR: Knowledge Based Reduction Method for Virtual Machine Migration in Cloud Computing*, Elsevier Procedia Computer Science, S1877- 0509(20)30034-X.
- **Rohini B. R., Nayana D. V. and Mamatha K.** presented paper on *Bitcoin A Virtual Cryptocurrency Research Challenges*, ICICST-2019, 19-23 Dec 2019.

Session Chair / Guest Lectures

- **Dr. Manjunathswamy B. E.** was the session chair for *Internet of Things* Session of the Fifteenth International Conference on Information Processing organized by Computing Professional Charitable Trust, Bangalore and UVCE Bangalore during December 20th to 22nd, 2019. He was a resource person for One Day Hands-on Sessions on *AWS Educate-Cloud Literacy Day and Sales force- Student Journey India* on 24th October 2019 at DBIT, Bangalore.

Workshop/FDP Attended

- **Prof. B. S. Umashankar and Mr. Ranjeet Kumar** participated in the IDA Connect Workshop at Didac India 2019 for the session Beyond the Hype: 8 Key Insights on Digital Learning based on Learning Science conducted by Pearson India Education Services Pvt. Ltd. on September 25th, 2019.

Forum Activities

WILANIOS – technical forum of Department of Computer Science & Engineering facilitates students to participate in various technical events. The name WILANIOS represents popular operating systems viz. Windows, Linux, Android, and iOS. Besides academic activities, emphasis is also laid on extracurricular activities. The students of the department actively participate in different activities like coding, gaming, debate, quiz etc. They have brought laurels to the Department and the Institution by winning several accolades in different categories.



Inauguration of WILANIOS Forum Activity on September 23rd, 2019

Chief Guest:

Dr. Hemadri Naidu T.
Principal, DBIT



GATE Forum Scholarship Test was conducted for V Sem. B. E. (CSE) students on September 26th, 2019.



DBIT Computer Society of India (CSI) Student Branch Technical Activities

The two-day event in coordination with Department of Information Science & Engineering was inaugurated by Dr. Hemadri Naidu T., Principal, DBIT on October 18th, 2019.



A technical lecture on “Technologies which are driving the Web” by Prof. B. S. Umashankar, HOD – CSE, followed by another technical lecture on “Artificial Intelligence for Robotics” by Dr. Anasuya N. J., Professor, Dept. of ISE were delivered. Multiple technical activities – Tech Quiz, Code Debugging, and Tech Dumb Charades were conducted.



On October 19th, 2019, a guest lecture on “Current trends in IT industry” was delivered by Dr. Prakash Raghavendra, Fellow(Software Development), AMD India Pvt. Ltd.



100+ enthusiastic CSI student branch members actively participated in all the events making the event a great success. Certificates were distributed to winners of various technical competitions.



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| 1. Vishal Shailesh Mandalia, VII Sem. B. E. (CSE) 'B' Sec. | President |
| 2. Md. Shaghil Ansari, VII Sem. B. E. (CSE) 'B' Sec. | Vice-President |
| 3. Jagadambika N., V Sem. B. E. (CSE) 'A' Sec. | General Secretary |
| 4. Soumya S. Kamath, V Sem. B. E. (CSE) 'C' Sec. | Joint Secretary |
| 5. Yasha Srinivas, V Sem. B. E. (CSE) 'C' Sec. | Organizer |
| 6. Sanjana M., III Sem. B. E. (CSE) 'B' Sec. | Organizer |
| 7. Shallum Israel, V Sem. B. E. (CSE) 'C' Sec. | Treasurer |
| 8. Spoothi B. K., V Sem. B. E. (CSE) 'C' Sec. | Editorial Head |
| 9. Reshma M. III Sem. B. E. (CSE) 'B' Sec. | Editor |
| Dr. Anasuya N. J., Professor, Dept. of ISE | Student Branch Counselor |

Workshop

Workshop on “*One-day Hands-on session on AWS Educate –Cloud Literacy Day and Salesforce- “Student Journey India”*” Conducted On 24th Oct 2019. Resource Person Dr. Manjunath Swamy B E, Associate professor, Dept of CSE, DBIT, Bengaluru and Dr. Anasuya. N. Jadagerimath, Professor, Dept. of ISE, DBIT. The workshop was attended by 42 faculty members from various Departments and colleges.



Workshop on “*Machine Learning with Hands on Session*” Conducted On 4th October 2019. Resource Person Mr. Vinay.M. Haritsa Technical Director at Vtricks Technology, Bengaluru. The workshop was attended by 68 – 5th and 7th Semester Students.



Faculty Development Programme on “Cloud Computing with Hands-on sessions” On 4th October 2019.
 Resource Person Mr. Shivananda R Poojara, Consultant, Manjrasoft Pty Ltd. Melbourne, Australia. Sri.
 Tokala Durgarao, Senior Technical Manager-Development, Cloud GBF, Oracle India Pvt. Ltd.

Bengaluru.. The workshop was attended by 68 – 5th and 7th Semester Students.

Guest Lecture / Technical Talk / Interaction

Resource Person	Prof. Umashankar B.S., DBIT
Conducted On	19th October 2019
Event	“Technologies which are driving the Web”
Attendees	148 – 5th and 7th Semester Students

Resource Person	Mr. Asif Akhter, Mrs. Farheen Farhath, Priston smart Engineers from New Delhi
Conducted On	17th October 2019
Event	Technical Talk on “User Interface Development and its Scope in IT”
Attendees	60- 3rd and 5th Semester Students

Parents’ - Faculty Meet

The Parents’ – Faculty meeting was held on October 31st, 2019. The principal objective was to have an open discussion with parents about their wards progress, understand about issues faced, if any, and mutually cooperate for the holistic development of students. Parents were also informed about the professional counseling centre in campus. Smt. Sajani Bhat, Psychological counselor will be visiting the centre twice a week and students can obtain the needed advice and supp

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CSE

Editorial Team

Chief Editor: Prof. B. S. Umashankar

Editorial Committee Members

Dr. Manjunathswamy B. E.

Mrs. Mamatha K.

Mrs. Nayana D. V.

Mr. Bhaskar R.

Mr. Basavaraj N.

Mrs. Rohini B. R.

