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# ಸಂಗಣಕ ಪಟ

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
VOL. 4 ISSUE.1



*Sprawling lush green campus*



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*President – Wayanamac  
Education Trust*



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**Dr. Hemadri Naidu T**

*Principal - DBIT*

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*Prof. B S UMASHANKAR*  
*HOD – Dept of CSE*

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## **STUDENT COORDINATOR**

*Abdul Kabeer – 5<sup>th</sup> Sem CSE*

*Sprawling lush green campus*

# HIGHLIGHTS

- **Vision & Mission**
- **HOD's Message**
- **Achievements**
- **Events**
- **Webinar**

*Sprawling lush green campus*

# Department of Computer Science & Engineering

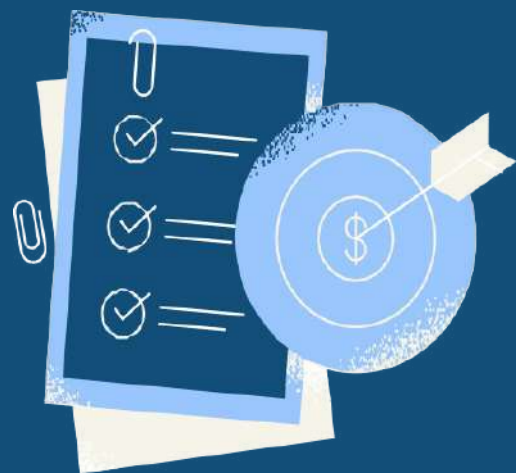
## VISION

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

- To impart knowledge that builds software skills with logical and structured thinking
- To provide both formal and informal learning environments to become globally competitive software professionals.
- To motivate towards becoming a quick learner, good team player, acquire leadership skills with excellent communication, time and task management.
- 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 2021-22.*

*Smart India Hackathon is a nationwide initiative to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving.*

*In order to encourage students to take part in hackathons, Dept of CSE in coordination with DBIT CSI-student Branch organized an event called Online Hackathon “dhiutsah 2021”, on 14th July 2021. I wish to thank the management for their kind encouragement and support to conduct this event. Hearty congratulations to all the winners and appreciation for the participants. Special thanks to organizing committee members.*

*I am happy and proud to inform that the Student Innovation Product Launch of “Zopstore” was held on 08th December 2021. Zopstore is an online platform that helps you Buy or Sell anything at your college/hostel campus. It is developed by Mr. Shubham Dangi, Final year B. E. Computer Science and Engineering student.*

*Many useful events were held this semester for the benefit of students and faculty members. Let the enriching learning experiences at DBIT campus continue.*

# Achievements

## Students' Achievements

- **Shrinidhi P, Varsha A and Lohith Kumar A**, 2nd Sem B.E (CSE). Won Cash Prize Worth RS. 5000 in Junior Category from Dept of CSE in Coordination with DBIT CSI-student Branch organized an event called Online Hackathon “dhiutsah 2021”, on 14th July 2021.
- **Abdul Kabeer, Abhishek NJ and Anupam Bharadwaj, 4th Sem B.E.(CSE)** Won Cash Prize Worth RS. 6000 in Senior Category from Dept of CSE in Coordination with DBIT CSI-student Branch organized an event called Online Hackathon “dhiutsah 2021”, on 14th July 2021.
- **Keerthana R, Liza Mary and Lakshya M, 4TH Sem B E. (CSE)** Won Cash Prize Worth RS.1000 in Senior Category from Dept of CSE in Coordination with DBIT CSI-student Branch organized an event called Online Hackathon “dhiutsah 2021”, on 14th July 2021.
- More than 100 students have completed online courses from NPTEL, Coursera, Udemy, PentesterLab, Sololearn, etc. in the latest computer science topics

## Faculty Achievements

### Publications

- **Dr. Manjunath Swamy B E**, 2021 “Securing wireless sensor networks for intrusion detection through hybrid data mining techniques” Journal of Design Engineering (Toronto, Canada), ISSN 0011-9342.
- **Dr, Manjunathswamy B E**, 2021 “Enhancement of Multilingual Search Indexing using Web Page Ranking System”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), e-ISSN: 2319-8753, p-ISSN: 2320-6710|, Volume 10, Issue 2.
- **Dr. Manjunathswamy B.E**, 2021 “Novel Approach for Intrusion Detection in Wireless Sensor Networks” Journal of Telecommunication Study, ISSN: Volume 6, Issue 1.
- **Dr. Manjunath Swamy B E**, 2021 “Analysis of Pattern Matching Algorithms Used for Searching the Patterns in MLIR Framework” Turkish Journal of Computer and Mathematics Education, Vol.12, No. 7, pp 738- 748.

### Certification

- **Mrs. Rohini B.R**, successfully completed NPTEL Online Certification on “Art of C “from Jun-Aug 2021
- **Mrs. Komala D**, successfully completed NPTEL Online Certification on “Art of C “from Jun-Aug 2021
- **Mrs. Sheeba S**, successfully completed NPTEL Online Certification on “Cloud computing” from Jun-Aug 2021

# Events

From the Department of Computer Science and Engineering in coordination with DBIT CSI-Student Branch organized an event called Online Hackathon “*dhiutsah 2021*”, on 14th July 2021. The aim of the event is collaborating to make online learning accessible, creative and exciting. The online Hackathon was attended by in-house students, seniors and juniors from various institutes. Cash Prize Worth Rs. 25,000 were awarded to students in various categories.

The esteemed personalities present on the inauguration of the programme:

Inauguration was started at 9.45AM, followed by welcome speech presented by Dr. Venugeetha Y, Professor, Department of CSE.



An opening remark was given by Prof. Umashankar B S, HOD, Department of CSE

An address speech was given by Dr. Hemadri Naidu T, Principal, DBIT, A presentation on Content Development was given by Mr. Deepak R, Content Developer, Dell Technologies, Bengaluru



A Training session on Active Presenter was given by Dr. Bhaskar R, Associate Professor, Dept. of CSE, DBIT

An afternoon session was handled by Mr. Lakshmikantha G C, Assistant Professor, Dept. of CSE, DBIT, students' assistants Mr. Anupam Mathad, Mr. Shubham Dangi to discuss “Training on Content Development”. All Department HODs, Professors & Associate Professors, Assistant Professors from the department of CSE and various other departments, Technical Staff, Non-Technical Staff, Co-Ordinator's were joined online for the event. The total number of registered participants for the competition were 273. The total number of presentations were hacked is 56. The number of rounds conducted for participants was 2 for both Senior and

Junior group. In first round number of candidates short listed for junior was 6 and for senior it was 10. In the final/second round total number of selected candidates was 3 for junior and 4 for senior. The detailed list shown below.



## DON BOSCO INSTITUTE OF TECHNOLOGY

Mysore Road, Kumbalagodu, Bangalore. 560 074.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



### dhi utsah-2021 winners

Sl. No	Category	Team Member Name 1	Class	College	Email	Phone No	Team Member Name 2	Phone No	Team Member Name 3	Phone No
3	Junior: 16+ to 18 years	VASUNDARA M G	UG II Year	Panchajanya Vidhyapeeta Polytechnic	vasundaramg190cs60@gmail.com	8951474822	Anitha Prakash Mukkannavar	8660537891		
2	Junior: 16+ to 18 years	MEENA.SL	UG II Year	PVP Polytechnic, Bangalore	mecnaslr492@gmail.com	8970461179	NAVEENA.E	7676786946	POOJA.YN	8147389034
1	Junior: 16+ to 18 years	SHRINIDHI P	UG I Year	DBIT	shrinidhipuchekre@gmail.com	8050617228	VARSHA A	8073601732	LOHITH KUMAR A	
4	Senior: 18+ to 20 years	KEERTHANA R	UG II Year	Donbosco Institute of Technology	keerthanarajendran0101@gmail.com	9742151112	LIZA MARY	99475 64186	LAKSHYA M	9019387047
3	Senior: 18+ to 20 years	JANAN.V.A	UG I Year	SAI VIDYA INSTITUTE OF TECHNOLOGY	jananiva.20is@saividy.ac.in	9606165953	SHAMANTH.S	9964754848	ANANTH NARAYAN L.S	7760005105
2	Senior: 18+ to 20 years	RESHMA M	UG II Year	DBIT, Bangalore	reshu1229@gmail.com	9141540908	NISHA SHREE.S	8971999572	ANUPAM MATHAD	9845698222
1	Senior: 18+ to 20 years	ABDUL KABEER	UG II Year	Don Bosco Institute Of technology	kabeer10395@gmail.com	6366251277	Abhishek NJ	9353595229	Anupam Bharadwaj	8355843541

The “*Student Innovation Product Launch of Zopstore*” was conducted on 08th December 2021. Zopstore is an online platform that helps you Buy or Sell anything at your college/hostel campus Organized by IIC, Dept. of R&D and Computer Science & Engineering. Shubham Dangi is a final year Computer Science and Engineering student from Don Bosco Institute of Technology, Bangalore. He is also a Microsoft Learn Student Ambassador (Beta) from Microsoft, and a passionate web developer who loves to create web applications which solve real world problems with an impact held at Dr. Abdul Kalam Hall, (SH-2) First Floor, DBIT.



*Launch of Zopstore by Executive Director Sri B Manjunath*





*Enlightenment about Zopstore by Shubham Dangi*

One day Workshop on “**NATIONAL EDUCATION POLICY 2020**” Organized by Computer science and Engineering in association with Institution’s Innovation Council-DBIT Held at Main SH, DBIT, Bengaluru on 11th Nov 2021 at 11:30 am. Resource person Manjunath Aradhya Founder at ABC For Technology Training.



*Address speech by Dr. Hemadri Naidu T, Principal*



*Students actively participated in Event*

A Day of inauguration of forum "**WILANIOS**" and "**Code-Storm**" event was conducted by Department of CSE, DBIT on 23rd December 2020 -21 held at SH2, DBIT. The aim of the Event was for the participants to showcase their aptitude, reasoning and coding skills. Encouraging them to participate in these exciting events. Based on this event participant will get self-realization as well as countability on best practices in engineering intended to adapt quick and effective problem-solving methods.



inauguration of forum "**WILANIOS**"



Code-Storm Event

Technical Talk on ***“Intellectual Property Rights”*** organized by Department of Research and Development & Computer Science and Engineering on 28th December 2021 held at CSE LAB5, DBIT, Bengaluru, Resource Person **Dr. Piyush Kumar Pareek**, *Professor and Head, East West College of Engineering, Bangalore.*



An opening remark was given by Prof. Umashankar B S, *HOD, Department of CSE*



An address speech was given by Dr. Hemadri Naidu T, *Principal*

One day workshop on ***“Innovation in Industry 4.0 – Success and Failures”*** organized by Department of Research and Development & Computer Science and Engineering on 29th December 2021 Held at SH2, DBIT, Bengaluru. Resource Person **Mr. Vinay M Harista**, *Technical Director, Vtricks Technologies, Bangalore.*



inauguration of Innovation in Industry 4.0 – Success and Failures



Active participation of students

A Get-together for batch 2020 was organized by Alumni association & Computer Science and Engineering on 25th Sep 2021, DBIT, Bengaluru.



Group photo 2020 Batch students



Token of gratitude given to 2020 batch students

A Farewell ceremony was organized by Computer Science and Engineering on 31st July 2021, DBIT, Bengaluru. Guests of Honor **Mr. Dheemanth R CTO at Discover Dollar** and **Mr. Ramjan Khaji Senior Software Developer**.



Farewell ceremony

# Webinar

- A Webinar on “Necessities for a Successful Life” was conducted by the Department of Computer Science & Engineering, Don Bosco Institute of Technology on 14 July 2021 at 12:00 PM. The Speaker Mr. Navajeevan Reddy Senior Test Lead, HCL technologies, Bengaluru, Empowered students with their speech. The aim of this webinar is to Ensuring Positive growth for Successful Life, the uniqueness of all of us, when blended together, brings vitality, energy, power, influence, and rightness to the world. The Webinar was attended by in-house students From Various Department.
- A Webinar on “Exam Stress Management” was conducted by the Department of Computer Science & Engineering, Don Bosco Institute of Technology on 23 July 2021 at 11:00 AM. The Speakers Ms. Dipika Minji and Ms. Samridhi Ahuja Growth Coach at Skilling India Empowered students with their speech. The aim of this webinar is to Ensuring Positive growth has been an essential, but increasingly challenging task for parents and students in today’s scenario. Making students to get ready for Exams and manage stress. The Webinar was attended by in-house students From Various Department.
- A Webinar on “Mental Wellness and Emotional Empowerment” was conducted by the Department of Computer Science & Engineering, Don Bosco Institute of Technology on 24 July 2021 at 11:00 AM. The Speakers Ms. Sharanya Prakash and Ms. Samridhi Ahuja Growth Coach at Skilling India Empowered students with their speech. The aim of this webinar is to Ensuring Positive growth has been an essential, but increasingly challenging task for parents and students in today’s scenario. Making students more powerful in their Mental and Emotional Growth. The Webinar was attended by in-house students From Various Department.
- A Webinar on “Demystifying Mobile Application Development” was conducted by the Department of Computer Science & Engineering, Don Bosco Institute of Technology on 24 July 2021 at 3:00PM. The Speaker Mrs. Vani K S -Acharya Institute of Technology, Bengaluru gave Practical Demo of Android Development. The aim of this webinar is to upskill the students with android studio software. Basically, of how the projects are created, creating various activities, concepts of various layouts, adding ads to the application. The Webinar was attended by in-house students From Various Department.

- A Technical Talk on “Content Delivery Network” was conducted by the Department of Computer Science & Engineering, Don Bosco Institute of Technology on 23 July 2021 at 2:00 PM. The Speaker Mr. N. Senthil Kumar Dept of Information Technology, University of Technology & Applied Science (UTAS), Salalah Campus, Oman Taught the importance of CDN is its speed and other aspects. The aim of this webinar is to upskill the students with Knowledge on Content Delivery Network which provides higher level availability and a higher-level security compared to traditional methods. The Technical Talk was attended by in-house students from various Department.
- A Technical Webinar on “How to write a research paper” was conducted by the Department of Computer Science & Engineering, Don Bosco Institute of Technology on 7th July 2021 at 3:00 PM. The Speaker Dr. Venugeetha, professor Dept of CSE, Don Bosco Institute of Technology, Bengaluru gave Practical Demo of research paper writing to students of 8th sem. The aim of this webinar is to upskill the students with research paper writing. Basically, of how the papers are created, plagiarism check done. The Webinar was attended by in-house students From Various Department.





