



# Jyothy Institute Of Technology

## Bits & Bytes

EDITION: OCT'2021-DEC'2022

## Information Science And Engineering



### About ISE Department:

Department of Information Science and Engineering (ISE) offers four year B.E course in the discipline started in the year of 2011 with an annual intake of 60 students. Information Science and Engineering is one of the core fields that have modernized our society and world in the 21st century. The department of ISE educates the students from the basic to specialized subjects of computing to disseminate the information science knowledge and technology, and to produce the competent information science professionals.

The department is an active and vibrant place that has outstanding faculty members including one professor, two associate professors and nine assistant professors. Our graduates are very successful and have found excellent placement in top ranking companies. The department also organizes various educational programs, extracurricular activities and entrepreneur development activities regularly for the faculties and students.

#### **VISION:**

To be a Department of excellence for education in Information Science and Engineering, innovation, research and work towards empowering students for professional competence and entrepreneurial skills.

#### **MISSION:**

**M1** : To provide state of the art infrastructure with modern and innovative teaching methodology.

**M2** : To encourage and nurture collaborative and inter disciplinary projects that aid academic and industrial research.

**M3** : To promote activities to inculcate ethical practices and entrepreneurial skills.

## LOGIN DAY

Fresher's party for the new students of 3rd semester Information Science with the theme "Mixmatch" was conducted on October 23rd organized by the 5th and 7th semester students of the Information Science branch.

Mr. Fresher award was bagged by Sriram B.S of 3rd semester Information Science



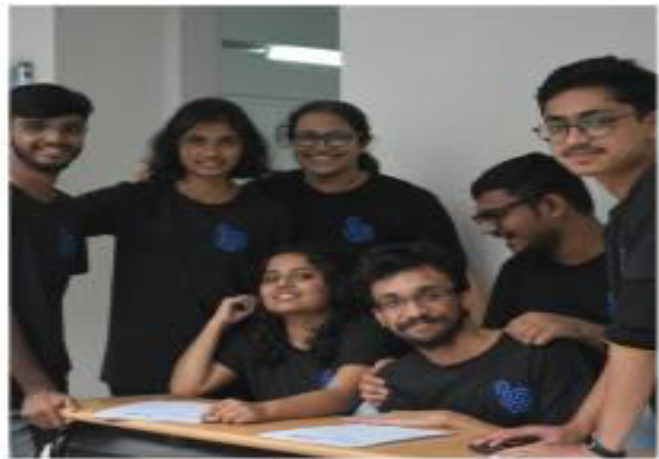
The whole setup was mesmerizing when the professors joined in with the students which brought a huge smile on all their faces.

Its was a wonderful event!!!

"Don't be into trends. Don't make fashion own you, but you decide what you are, what you want to express by the way you dress and the way to live." —**Gianni Versace**

## GAMEATHON 4.0

Conducted by the Bits and Bytes tech club of JIT, Gameathon 4.0 was a 24 hrs long game building competition held at the National level. Students from all the branches across various colleges participated in this event. Students were provided with all the care they could get for the night including food. Overall it was a great experience and students got to bond with each other.



Special thanks to the AIML and Information Science staff and to all the student volunteers for conducting and organizing this amazing event with no difficulties arising.

Failure doesn't mean the game is over, it means try again with experience.

## Kannada Rajyotsava

Kannada Rajyotsava is an exciting meaningful celebration for all the Kannadigas in Karnataka. A day before Rajyotsava the lecturers along with the students decorated the college ground. On the day of 1st November all lecturers, principal, parents, and students were present exactly at 9.A.M. .



The chief guest hoisted the Rajyotsava flag followed by Naada Geetha. During the speech of chief guest highlights the ideals of Nadahabba and urges the students to have loyalty their mother tongue. Cultural programs attracted students. A senior lecturer of the college proposed vote of thanks, finally sweet were distributed and students were disbursed

Jai "Karnataka Mathe" Kannadambe. "Sirigannadam Gelge", "Sirigannadam Balge" "Jai Bharath Matha."

## SPORTS ACHIEVERS

Women's Hockey team secured 3rd place win in the VTU Inter-Zone Women Hockey Tournament on 18th and 19th Dec 2022.



Surabi S Rao(right) and Harshita B.S(left) of 3r semester Information Science were part of the playing eleven.



“I’d rather regret the risks that didn’t work out than the chances I didn’t take at all.” – Simone Biles

Department of Physical Education and Sports organized VTU Inter-Collegiate Bengaluru South Zone Kabaddi Tournament (Men) 2021-22 on 13th and 14th December 2021 hosted by Jyothy Institute of Technology.



Mithun R and Manohar of 3rd semester Information Science were part of the playing seven of the team.



Varun V of 3rd semester Information Science participated in the VTU South Zone Inter Collegiate Badminton Tournament held at SJBIT.



“Life is like a game of Kabaddi....People will start pulling your legs once you reach the line of success”

## STUDENT ACHIEVEMENTS

### CERTIFICATE OF PRESENTATION



This is to certify that

**Kiran D R, Megha P, Nidhisha Rao,  
Dr. Kishore G R**

of Visvesvaraya Technological University  
have presented a paper entitled **Crop Disease Identification using  
Computer Vision** in the DST SERB sponsored **Third Annual International  
Conference on Data Science, Machine Learning and Blockchain  
Technology** held during February 16 - 17, 2022, organised by Dept. of  
Computer Science & Engineering, Vidyavardhaka College of  
Engineering, Mysuru, in association with VVCE ACM Student Chapter.

Dr. Gururaj H L  
Associate Prof., Dept. of CS&E, VVCE  
Program Co-Chair

Dr. Ravikumar V  
H.O. Dept. of CS&E, VVCE  
Program Chair

Dr. G B Krishnappa  
Dean (R&D), VVCE  
General Co-Chair

Dr. B Sadashive Gowda  
Principal, VVCE  
General Chair

In Association with



Vidyavardhaka Sangha, Mysuru  
**Vidyavardhaka College of Engineering**  
Autonomous Institute, Affiliated to VTU, Belagavi  
Accredited by NAAC & NBA with 'A' Grade  
Gokulam III Stage, Mysuru - 570002  
Department of Computer Science & Engineering



Kiran D R, Megha P, Nidhisha Rao, Dr. Kishore G R of VTU presented a paper entitled “Crop Disease Identification using Computer Vision in DST SERB sponsored Third Annual International Conference on Data Science, Machine Learning and Blockchain Technology held during Feb 16-17 , organized by Dept.of CSE, Vidyavardhaka College of Engineering, Mysuru.

“There are always three speeches, for every one you actually gave. The one you practiced, the one you gave, and the one you wish you gave.”

– Dale Carnegie

## FACULTY ACHIEVEMENTS



Dr Kishore G R shared his valuable knowledge as a speaker during Guest Lecture on “Application of Multiplexer” on 11th Dec 2021 at EWCE, Yelahanka New Town. Bangalore.

Mrs. Anupama Vijaykumar attended a one week Research Development Program on "Problem Formulation, Publication, Proposal & Thesis Writing" from 07/02/2022 to 12/02/2022 organized by on Department of Computer Science and Engineering, Alva's Institute of Engineering and Technology, Moodbidri in association with Indian Institute of Information Technology, Allahabad (IIITA).



“Things work out best for those who make the best of how things work out.” – John Wooden



## TECHNICAL TALKS

Date of Presentation: 10/12/21

Semester term: Oct2020-Jan2021(odd sem)

Target audience: 5th sem students

Speaker: Mrs. Ullas M.S.Rao

Talk on : “Evolution of Data to Data Science”

No: of Participants: 56

Faculty Coordinator: Prof. Anupama V P



Department of Information Science and Engineering organised a technical talk for the V semester students on 10/12/21 at the seminar hall (ACS6) . The intent of the talk was to get the students familiar to the recent trends and technologies in the Data Science field. The speaker was an expert from the Data Science field and has over 13 years of IT industry experience. The motive of the talk was to bridge the gap between the curriculum and the industry. The talk was very well taken by the students and helped them understand the different perspectives in the Data Science field.



## JOURNAL PUBLICATIONS

Harshvardhan Tiwari

- i) "A Reliable frame work for virtual machine selection in cloud Datacenter using particle swarm optimization".
- ii) "Virtual Machine placement Using Energy Efficient particle swarm Optimization in cloud data center".

Dr. Kishore G R

- i) "Heartbeat classification and Arrhythmia detection using deep learning".
- ii) "Arrhythmia detection and classification using CNN".

## BOOK PUBLICATIONS

Harshvardhan Tiwari

- i) "Virtual machine selection optimization using nature inspired algorithm".
- ii) "A machine vision technique- based tongue diagnosis system in ayurveda".
- iii) "Early detection of autism disorder using predictive analysis".

"Journal writing, when it becomes a ritual for transformation, is not only life-changing but life-expanding."

- Jen Williamson.

## INNOVATION ACHIEVEMENTS



Jyothy Institute of Technology is recognized in the band "PERFORMER" under the category "Colleges/Institutes (Private/Self Financed) (Technical)" in Atal Ranking of Institutions on Innovation Achievement (ARIA) 2021, a flagship program of the Ministry of Education, Government of India. 29th December 2021

“I believe you have to be willing to be misunderstood if you’re going to innovate.”

-Jeff Bezos

## EDITORS'S NOTE:

I'm glad to work as editor for the Department Newsletter, "BITS & BYTES". This issue is a good one to go out on, in part because it celebrates ,starting with the achievements of our faculty members, students and their active participation in many events. I will end this note with bottom-of-my-heart thanks to many people whose hard work goes into the production of each issue. I would specially like to thank the Head of the department, **Dr Harshvardhan Tiwari** and **Asst. Prof. Nandini D** who helped us throughout in making this newsletter a huge success.

- Varun. V