

## Paper Publications

1. Dr. Arjun B C, Dr. H N Prakash, "Image Fusion by Discrete Wavelet Transform for Multimodal Biometric Recognition", Institute of Advanced Engineering and Science (IAES), 2022, ISSN: 2252-8938, <https://www.scopus.com/authid/detail.uri?authorId=57216853525>
2. Dr. Arjun B C, Dr. H N Prakash, "Multimodal biometrics of fingerprint and signature recognition using multi-level feature fusion and deep learning techniques", Institute of Advanced Engineering and Science (IAES), 2022, ISSN: 2502-4752, <https://www.scopus.com/authid/detail.uri?authorId=57216853525>

## Graduation Day (for 2020,2021 & 2022 batch)



## Top Recruiters - 2022

The students from the Department of ISE have secured placements in the following companies.



**RAJEEV INSTITUTE OF TECHNOLOGY**

Plot 1-D, Growth Center, B-M Bypass Road, Hassan, Karnataka - 573201.



**InfoSci Insights**

Department of Information Science and Engineering

DEPARTMENT  
**NEWSLETTER**

VOLUME 3 | ISSUE 2, JULY - DEC 2022

**EDITORIAL BOARD**

Ankith C R 5th sem  
Sughosh Srihari A S 7th sem  
Mr. Anil Kumar K N Asst. Professor  
Mrs. Nalini H C Asst. Professor

## MESSAGE FROM THE DESK

As we bid farewell to the second half of 2022, I wanted to take a moment to reflect on the numerous accomplishments, activities, and achievements that have shaped this period in our academic journey. From July to December, we have been busy creating, learning, and making a meaningful impact in various ways. One of the highlights of this period was the insightful technical talk on the Applications of Data Structures in Industries. This event provided valuable insights into the practical applications of data structures and their significance in solving real-world problems. It was a great opportunity for our students to understand the industry's demands and how their academic knowledge can be applied. Another remarkable event was the technical talk on Building Image Classification Models using Deep Learning. Our students and faculty had the privilege of delving into the world of deep learning and its applications in image classification. These discussions serve as stepping stones for exploring cutting-edge technologies and their relevance in today's world. Our dedicated faculty members continued their pursuit of knowledge and excellence by attending various Faculty Development Programs. These programs enable our educators to stay updated with the latest teaching methodologies and research trends, ultimately enhancing the quality of education we provide. Our students displayed their commitment to social responsibility by actively participating in various social connect and responsibility activities. These endeavors not only contribute positively to the community but also instill a sense of empathy and social awareness among our students. We take immense pride in acknowledging the outstanding achievement of our student, **Ankith C R**, who secured the 2nd place in the UI/UX Design Hackathon. This accomplishment reflects our students' dedication and creativity in pushing the boundaries of innovation. Our faculty members continued to contribute to the academic world by publishing research papers in esteemed international journals. These publications not only enhance our department's reputation but also advance the field of research and knowledge dissemination. The culmination of this period was our Graduation Day celebrations. It was a moment of immense joy and pride as we bid farewell to our graduating students, who are now equipped with the knowledge and skills to make a difference in the world. Their success is a testament to our collective efforts. Finally, we celebrate the success of our students who secured placements in various esteemed companies. It is heartening to witness our students embarking on their professional journeys, ready to make their mark in the industry.

As we look forward to 2023, let us carry the spirit of curiosity, innovation, and community engagement into the new year. Together, we will continue to nurture a vibrant academic environment that fosters growth, learning, and excellence.



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## VISION

To be a center of excellence in Information Science and Engineering education by creating competent professionals to deal with real-world challenges in the industry, research and society.

## MISSION

- To empower students to become competent professionals, strong in the basics of Information science and engineering through experiential learning.
- To strengthen the education and research ecosystem by inculcating ethical principles, and facilitating interaction with premier institutes and industries around the world.
- Promote innovation and entrepreneurship to fulfill the needs of society and industry.

## PSO (Program Specific Outcomes)

- Analyse and develop software applications by applying skills in the field of coding languages, algorithms, operating systems, database management, web design and data analytics.
- Apply knowledge of computational theory, system design and computer network concepts for building networking and internet-based applications.

## PEO (Program Educational Objectives)

- Analyse, design and implement solutions to real-world problems in the field of Information Science and Engineering with a multidisciplinary setup.
- Pursue higher studies with a strong knowledge of basic concepts and skills in Information Technology disciplines.
- Adapt to emerging technologies towards continuous learning with ethical values, good communication skills, leadership qualities and self-learning abilities.

## Activities

### Technical Talk on “Applications of Data Structures in Industries”



Technical Talk on “Applications of Data Structures in Industries” was organized by Dept. of CSE & ISE – RIT, Hassan on 12-07-2022. The programme aims for understanding the applications of data structures in industries, and Key speaker discussed the data structure usage in numerical analysis, operating system, artificial intelligence, compiler design, database management, graphics, and statistical analysis.

#### Guests:

- Dr. M E Raghu, Associate Professor, GEC- Moslehosalli-Hassan.
- Dr. Dhananjaya D A, Vice Principal, RIT- Hassan.
- Dr. H N Prakash, Professor, Dept. of CSE, RIT – Hassan.
- Dr. Arjun B C, Associate Professor, Dept. of ISE, RIT – Hassan.

#### Attendees:

- 4th semester 95 students of CSE and ISE, 20 Faculties of CSE and ISE.

### Guest talk by Faculties

Dr. Arjun B C, HOD, Department of Information Science and Engineering received Appreciation by Rajeve Institute of Ayurvedic Medical Science & Research centre for delivering guest lecture on “Computer Basics”.

## “Building Image Classification Model using Deep Learning”

Technical Talk on “Building Image Classification Model using Deep Learning” was organized by Dept. of CSE & ISE – RIT, Hassan on 22-10-2022. The programme aims for understanding the applications of image processing classification models, and Key speaker discussed the Deep learning usage in classification of images by considering medical domain in malaria cells classification.

#### Guests:

- Dr. Aravind C V, Professor, CSE, N.M.A.M Institute of Technology, NITTE.
- Dr. Suresha D, Professor, HOD-ISE, AJ Institute, Manglore.
- Dr. A N Ramakrishna, Principal, RIT – Hassan.
- Dr. H N Prakash, Professor, HOD-CSE, RIT – Hassan.

#### Attendees:

- 5th semester 140 students of CSE and ISE, 10 Faculties of CSE and ISE.



## FDP's Attended by Faculties

- Mrs. Nalini H C attended 5 days Online Faculty Development Program from 29/08/2022 to 02/09/2022 on **INDUSTRIAL ADVANCEMENTS AND RESEARCH ON AI&ML** organized by Department of ECE, RAO BAHADUR Y. MAHABALESWARAPPA ENGINEERING COLLEGE, CANTONMENT, BALLARI, KARNATAKA
- Mrs. Nalini H C attended 5 days Online Faculty Development Program from 26/12/2022 to 30/12/2022 on **Recent Advancements in Science and Engineering (RASE-2022)** organized by Regional College for Education Research and Technology, Jaipur

## SCR Activity by Students

Social connect and responsibility involves awareness, understanding, and appreciation of connections among people, including between people and the natural environment. It also focused on interacting with other and the natural world in respectful and caring ways. On 09/12/2022, students of 3rd semester from the Department of ISE carried out a Social Connect and Responsibility (SCR) activity.



## Students Achievements

Ankith C R got 2nd place in UI/UX Design Hackathon conducted by MERIISE club from Malnad college of Engineering, Hassan.