



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

A CHRISTIAN MINORITY INSTITUTION

AICTE Approved & NAAC Accredited

Department of Computer Science and Engineering



NEWSLETTER

Another challenging academic year is here...

Welcome UG First and Second Years to the campus

When you

Enter this Institution,

Learning is Fun

Cooperation is needed

Our positive attitude is expected

Mutal respect are part of

Everything we do and say.



ARISE AND SHINE

Warm up Training

Research Activities



Events & Competition

Puzzles & Fun Facts

WARM UP TRAINING



“Alone we can do so little; together we can do so much!” - Helen Keller

Our department has conducted a series of technical interactions for the students to identify how strong they are in every technical aspect.



Resume Preparation



Technical Session



Programming Interaction



Our department organized the following events,
 * A two day live training session with “Microsoft Azure AI” specially for II B.Tech CSE, CE and AI&DS students.



Session Handler : Mr.Vinayakk Garg, Microsoft.
 Coordinator : Dr.V.Ebenezer, Asst. Professor
 Date : 16 & 23 March 2022



* Intel’s Unnati Ignite Exclusive: Workshop on “Intel Distribution of OpenVINO Toolkit” conducted for II B.Tech CSE, CE and AI&DS students.



Coordinator : Mr.Titus, Assistant Professor
 Venue : IoT Lab, CSE Dept.
 Date : 24th March 2022

* A live orientation session for “CISCO Virtual Internship 2022” conducted for all B.Tech students.

Coordinator : Dr.Getzi Jeba
 Date : 11th April 2022



Scopus / Web of Science Indexed Journals

- 1) Rajeswari, M., E. Golden Julie, Y. Harold Robinson, Ebin Joseph, A. S. Arun, Ebin Sebastian, Raghvendra Kumar, Hoang Viet Long, and Le Hoang Son, "Detection of tyre defects using weighted quality-based convolutional neural network," *Soft Computing*, vol. 26, no. 9 (2022), pp. 4261-4273.
- 2) Chinnaswamy, Sivamani, Rajeswari Manickam, Vijikala Vincent, and Sujatha Thankaraj, "Analysis of DC and RF performance of Al_{0.31}Ga_{0.69}N/Al_{0.1}Ga_{0.9}N/ β -Ga₂O₃ double quantum well HEMT on silicon carbide substrate," *International Journal of RF and Microwave Computer-Aided Engineering*, vol. 32, no. 6, (2022).
- 3) Malathi, S., Ankit Kumar, R. Venkatesan, Naveen Sundar, A. S. Athigiri Arulalan, V. D. Ambeth Kumar, R. Priya, Shilpa Sharma, and Linesh Raja, "A mathematical model for cost budget optimization in the early stage of house construction budget analysis," *Journal of Interdisciplinary Mathematics*, vol. 25, no. 3 (2022), pp. 839-849.
- 4) Anand, R. S., C. P. Jawahar, A. Brusly Solomon, and Shubin David, "Prediction of Al₂O₃/R134a nanorefrigerant based modified thermosyphon performance using random forest algorithm," *Materials Today: Proceedings*, vol. 47, (2021), pp. 6585-6589.
- 5) Shyam, Shilpa, Sujitha Juliet, and Kirubakaran Ezra, "Indoor Positioning Systems: A Blessing for Seamless Object Identification, Monitoring, and Tracking," *Frontiers in Public Health*, vol. 10, (2022).
- 6) Yogapriya, J., Venkatesan Chandran, M. G. Sumithra, B. Elakkiya, A. Shamila Ebenezer, and C. Suresh Gnana Dhas, "Automated Detection of Infection in Diabetic Foot Ulcer Images Using Convolutional Neural Network," *Journal of Healthcare Engineering*, vol. 2022, (2022), pp. 1-12.
- 7) Bruntha, P. Malin, S. Immanuel Alex Pandian, J. Anitha, Siril Sam Abraham, and S. Niranjan Kumar, "A novel hybridized feature extraction approach for lung nodule classification based on transfer learning technique," *Journal of Medical Physics*, vol. 47, no. 1, (2022), pp. 1-9.



Books Published - 2

Guest Lectures Organized - 2

Guest Lectures Delivered - 3

Conference Proceedings - 4

Webinars and Workshops Participated - 14

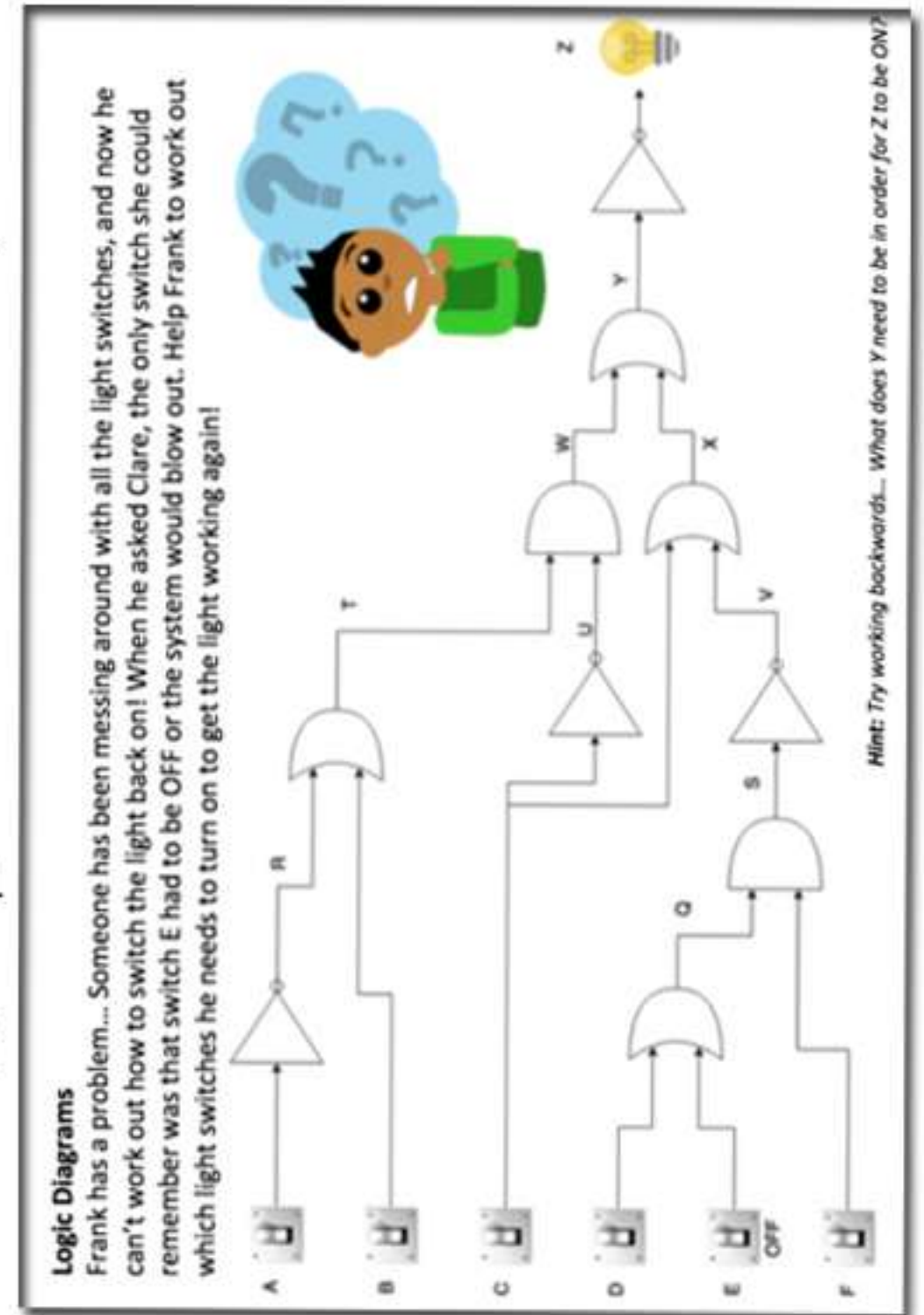


Puzzles

RESEARCH

E	X	P	E	R	I	M	E	N	T	A	L	E	S
S	E	X	P	L	O	R	A	T	I	O	N	R	U
S	T	C	A	U	S	A	L	I	H	L	L	L	R
E	Q	U	A	N	T	I	T	A	T	I	V	E	V
N	G	S	T	L	U	S	E	R	T	V	C	L	E
T	E	V	I	T	A	T	I	L	A	U	Q	S	Y
C	R	F	T	R	O	P	E	R	L	A	N	I	F
A	E	X	C	O	N	C	L	U	S	I	O	N	S
X	L	U	C	R	F	O	R	M	U	L	A	S	U
E	V	I	T	P	I	R	C	S	E	D	V	S	D
R	Y	T	I	C	I	F	I	C	E	P	S	R	A
I	E	T	E	C	H	N	I	Q	U	E	S	I	T
Y	H	P	A	R	G	O	N	H	T	E	Q	C	A
G	C	O	R	R	E	L	A	T	I	O	N	A	L

- FINAL REPORT
- QUALITATIVE
- RESULTS
- ETHICS
- FORMULAS
- DESCRIPTIVE
- ETHNOGRAPHY
- TECHNIQUES
- SPECIFICITY
- CONCLUSIONS
- EXACTNESS
- CORRELATIONAL
- EXPLORATION
- EXPERIMENTAL
- QUANTITATIVE
- DATA
- CAUSAL
- SURVEY



What is yours?

Fundamental Research

1. Tries to expand the already existing scientific knowledge base.
2. Fundamental research is purely theoretical.
3. Primary concern is to develop scientific knowledge and predictions.

Applied Research

1. Applied research focuses on solving real-life problems.
2. Applied research has a practical approach.
3. Primary concern is to stress on the development of technology and technique with the help of basic science.

Abbreviations

<p>Did You Know ?</p> <p>Google</p> <p>Global Organization Of Oriented Group Language Of Earth</p>	<p>Did You Know ?</p> <p>COMPUTER</p> <p>Common Oriented Machine Particularly United And Used Under Technical And Educational Research</p>
<p>Did You Know ?</p> <p>VIRUS</p> <p>Vital Information Resources Under Seize</p>	<p>Did You Know ?</p> <p>Windows</p> <p>Wide Interactive Network Development For Office Work Solution</p>

