

**2021-2022 HISTORIA Version - 20** 



**Words from the Editor in Chief** 

#### "The Key to success is to focus on Goals, Not Obstacles"

Hearty Greetings! I feel highly dignified with my supremacy over this department of IT. It has always been a new venture at every juncture. I fulfil my duty in accordance. Our department proudly steps into advancing in learning, teaching and progression. Also, I'm hoping to accomplish innovative things in the upcoming year that will bring us together to build a new innovative grass root movement in our department. I endorse my students for their excellence in the platform that we contrived for them.

Besides education, we are navigating our students to participate in Co-Curricular and Extracurricular activities. Also, we are encouraging our students to bring out the best in them. Besides placement training classes, we are moulding the students of the Second and Third year by conducting Communication and Technical Sessions handled by students of our department. Also, I want to convey my appreciation to the students who got placed in various production companies and BPOs. Also, we are sprucing up Industrial visits to the students to make them realize the significance of practical knowledge.

My challenge was to get my department on board with this external invasion. I am grateful to all the pupils and faculty who allowed me to relish my duty and leadership. I am pleased that our department is notable for its Academics and Innovation. The student should realize that it does not matter what they know, but what they do with that matters a lot. Go, Run, Cherish and pursue what you want.



#### VISION OF THE DEPARTMENT

To develop IT Professionals of the best caliber with Entrepreneurship Zeal.

#### MISSION OF THE DEPARTMENT

- To establish a best Learning Environment that helps the Students to face the Challenges of IT field.
- To enable the Students to develop Skills for solving Technical Problems and also endorse Collaborative and Multidisciplinary activities.
- To induce Entrepreneurial mindset amongst Students and develop the necessary Skills to meet the Entrepreneurial needs of the Society.

#### PROGRAM EDUCATIONAL OBJECTIVES(PEOs)

- PEO1: Graduates of the program will be proficient in identifying, formulating and solving complex
  problems by applying their knowledge of mathematics, science and information technology
  principles.
- **PEO2:** Graduates of the program will be capable of analyzing, designing, implementing and managing software projects through continuous learning and use modern tools to meet real world constraints.
- **PEO3:** Graduates of the program exhibits professionalism with ethical attitude, excellent communication and term spirit to Satisfy society needs.

#### **PROGRAM SPECIFIC OUTCOMES (PSOs)**

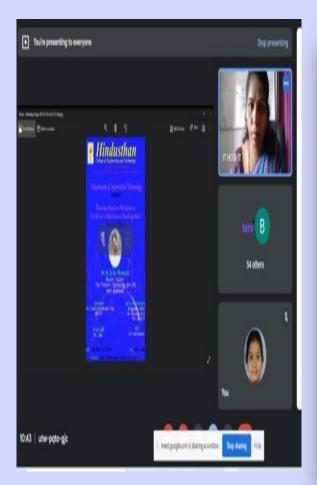
- **PSO1:** Able to design and develop software solutions by employing appropriate problem-solving strategies, including Logically thinking, create a user interface, write code to connect a front-end user interface with a backend database using a contemporary object-oriented language.
- **PSO2:** Ability to design and develop mobile applications and Web based applications with testing skills which consequently leads to employability and entrepreneurship skills.
- **PSO3:** To increase the visibility of academic programs at all levels and fascinate talent to meet entrepreneurship skills.



#### **TECHNICAL PROGRAMMES**

### 1. IIC driven workshop on "Accelerate your ideas with startup"

An Three days hands workshop on "An Outline to solve Scenario Based Questions" was conducted on 20.01.2022 to 22.01.2022. in association with organized by Dr.D.Rasi,Mr.N.Ilayaraja, Mr.J.Antony Vijay, Assistant Professor, Department of Information Technology. It was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology . The session was handled by Mr.Hari krishnan, Master Trainer Top Fresher Technology pvt .ltd.







#### 2. Webinar on Devops Platform for SaaS

A National Level One-day Webinar on "Devops Platforms for SaaS" on 24.01.2022" was organized by Mr.Karthik,S, Assistant Professor and Mr.J.Antony Vijay, Assistant Professor, Department of Information Technology . This webinar was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology. The session was handled by Mr. R.Gnansekar Devops Engineer Maplelass Solution Private ltd, Banglore..



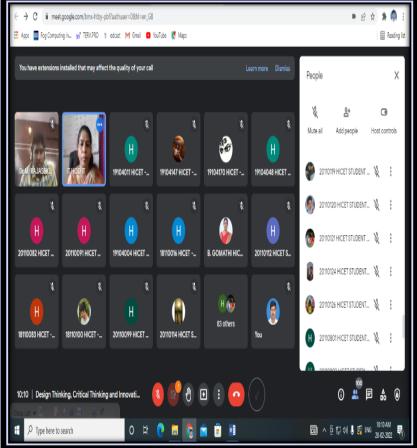




#### 3. Webinar on Dangers in Accessing Untrusted Web links

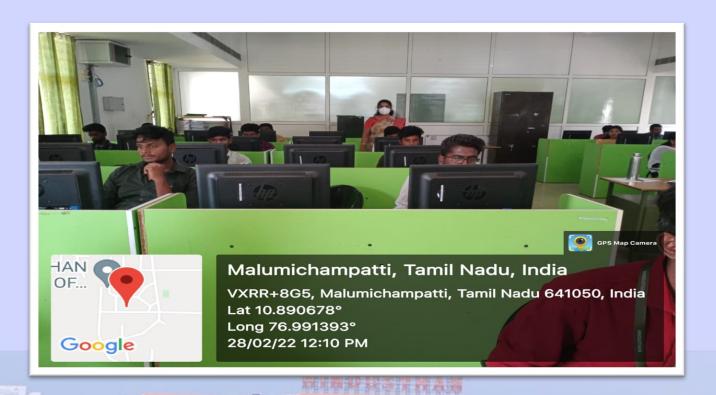
Webinar on Design Thinking, Critical thinking and Innovation Design on 28.02.2022 was organized by Mr. S. Karthic &Dr.B.Dhiyanesh, Assistant Professor, Department of Computer Science. It was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology and Dr.S.Shankar – Head of the Department of Computer Science. The session was handled by Mr. M.Rajasekar, M.Tech ,Ph.d Associate Professor ,ECE. PACE Institute of Technology and Science, Ongole,Andra Pradesh.













#### 4.INTERNAL HACKTHON

A Motivational Talk on "IOT- Installing Out of Box Thinking" was conducted on 21<sup>st</sup> October 2021 was organized by Ms.M.Indrani, Dr.D.Rasi & Ms.T.Sakthishree, Assistant Professor, Department of Information Technology. It was inaugurated by Dr.Jasmine Selvakumari Jeya I - Head of the Department of Information Technology. The session was handled Dr. H. Rajesh Kumar, Managing Director,Buttech Training Institute Coimbatore and Mr. Manuraj Rajamanikandan, Technology Specialist, Kochi and Mr.N B Bharath Graduate Engineer, Liuvia Industries Coimbatore.



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#### **BOOKK PUBLICATIONS BY FACULTY MEMBERS**

S.No.	Name of the Faculty	Title of the Book/Chapters	ISBN/ISSN number of the Proceeding
1.	Ganesan M	Python Programming	9789356255821
2.	Premkumar C D	Big Data Analytics	978-93-5625-423-7
3.	Dr Beaulah David Priyadharshini T R	Fundamentals of Data Science	978-93-92537-25-7
4.	Dr Jasmine Selvakumari Jaya I	Computer Programming in C	9789355735508
5.	Anitha P Kavitha K	A Step to Start with C Programming	9789394899384
6.	Dr Beaulah David	Blockchain Technology - Handbook	9798888055601
7.	Dr Rasi D Indirani M Karthic S	Data structures and algorithm design	978-9393737-00-7
8.	Vinu M S	Recent Advances in Finance, Business Management and Technology	9781913482213
9.	Vinu M S	Recent Advances in Medicine Engineering, Education & Management	97893945210302
10.	Antony Vijay J PremKumar C D	Secure and Privacy-Aware Intelligent Healthcare Systems:	978-981-16-8149-3
11.	PremKumar C D	Artificial Intelligent Techniques for Wireless Communication and Networking	9781119821274
12.	Ms.N.Yamuna Mr.Antony Vijay	Artificial Intelligence and Industrial Internet of Things Paradigm	9781119824473



13.	Mr Antony Vijay J	Advances in Intelligent Systems and Computing	978-981-15-7906-6
14.	Indirani M	Lecture Notes in Networks and Systems (vol 173) Inventive Computation and Information Technologies	978-981-33-4304-7
15.	Dr Jasmine Selvakumari Jeya I	Recent Developments in Medicine and Medical Research	978-93-5547-164-2
16.	Uma J Mahaveerakannan R	Inventive Computation and Information Technologies	978-981-33-4304-7

#### PAPER PUBLICATION BY FACULTY MEMBERS

S.No	Name of the Author	Title of the paper	Name of the Journal, Volume No, Issue No, Page No, Year
1	S. Karthic	Wireless Intrusion Detection Based on Optimized LSTM with Stacked Auto Encoder Network	Intelligent Automation and Soft Computing, Volume No:34, Page No:439-453, Year 2022
2	J. Uma	Optimized intellectual resource scheduling using deep reinforcement Q-learning in cloud computing	Transactions on Emerging Telecommunications Technologies, Volume No:34,, Year 2022
3	B. Gomathi	Multi-Objective Optimization of Energy Aware Virtual Machine Placement in Cloud Data Center	Intelligent Automation and Soft Computing, Volume No:33, Page NO: 1771–1785, Year2022
4	Rasi D	A Survey on Algorithms in Game Theory in Big Data	EAI/Springer Innovations in Communication and Computin, Page No: 155–166, Year 2022
5	K. Sudhakar	RG Technique to Reduce the Fuel Consumption and Co2 Emission in VANET	EAI/Springer Innovations in Communication and Computing,Page No: 167–180 ,Year 2022



#### **INTERNATIONAL / NATIONAL CONFERENCES**

S.no	Name of the Authors	Name of the Conference, Venue and Date	Title of the paper
1	Ms Indirani M	International Virtual Conference on Education Technology, IES College of Technology, Bhopal and 12th to 15th Feb 2022	Image Encryption using Cellular Automata
2	Ms Revathi P	ICTACADEMY 4th National Coneference on Recent Trends in Computing and Information Technology, Sariram Institute of Technology, Chennai and 10th March 2022	Lose It! - A Fitness Companion

#### PATENTS FILED/PUBLISHED/GRANTED BY FACULTY MEMBERS

S.No	Name of the Authors	Title of Invention	Application No	Status	Date of Published/ Filed
1	M Indirani	Multipurpose Device to increase the productivity of a manufacturing sector	202141060646	Published	07-01-2022
2	C.D.Premkumar	Machine Learning and deep learning based medical image segmentation and feature extraction scheme for practitioners using multi clinical data	202241005300	Published	04-02-2022





3	I.Jasmine Selvakumari Jeya D.Rasi	Multi Banking System	202241020870	Published	29-04-2022
4	I.Jasmine Selvakumari Jeya C.Jency	Smart Vehicle Assistance	202241020873	Published	29-04-2022
5	I.Jasmine Selvakumari Jeya D.Rasi	Face Recognition using Local Binary Pattern Histogram Algorithm	202241020875	Published	29-04-2022
6	Jasmine Selvakumari Jeya S.Karthic	Voting system using polygon block chain	202241020876	Published	29-04-2022
7	I.Jasmine Selvakumari Jeya P. Anitha	An intelligent chabot for student career counseling	202241020883	Published	29-04-2022
8	I.Jasmine Selvakumari Jeya M. Indirani	Id cellular automata for image encryption and decryption	202241020879	Published	29-04-2022
9	I.Jasmine Selvakumari Jeya M. Indirani	Computer aided emergency service system	202241020884	Published	29-04-2022





10	I.Jasmine Selvakumari Jeya M. Ganesan	elvakumari Jeya networking platform in		Published	29-04-2022
11	I.Jasmine Selvakumari Jeya M. Ganesan	Natural language processing based chat bot for health care services	202241020888	Published	29-04-2022
12	I.Jasmine Selvakumari Jeya T. Sakthi Shree Online product ranking system using aggregation and filtration		202241020892	Published	29-04-2022
13	I.Jasmine Selvakumari Jeya S.Karthic	Selvakumari Jeya		Published	29-04-2022
14	I.Jasmine Selvakumari Jeya B.Gomathi	mari Jeya privacy preservation in		Published	29-04-2022
15	I.Jasmine Selvakumari Jeya C.D. Premkumar	Artificial intelligence voice assistance for computers using python	202241021103	Published	29-04-2022
16	I.Jasmine Selvakumari Jeya B.Gomathi	An assistive mobile application for the visually impaired people	202241021104	Published	29-04-2022





17	I.Jasmine Selvakumari Jeya P. Revathi	Lose it-a fitness companion	202241021105	Published	08-04-2022
18	I.Jasmine Selvakumari Jeya P. Revathi	An efficient portable remote application for vehicle parking system	202241021106	Published	29-04-2022
19	I.Jasmine Selvakumari Jeya M.Sathish Kumar	Pre-scheduled online food ordering management system	202241021111	Published	08-04-2022
20	I.Jasmine Selvakumari Jeya K. Kavitha	Android safety application using gps and messaging system	202241021445	Published	29-04-2022
21	I.Jasmine Selvakumari Jeya J. Uma	Training and development of employee training portal system	44662	Published	29-04-2022
22	I.Jasmine Selvakumari Jeya N. Ilayaraja	Driver"s attention monitoring system	202241021449	Published	29-04-2022
23	I.Jasmine Selvakumari Jeya N. Ilayaraja	Fake product review monitorng system	202241021450	Published	29-04-2022



#### NPTEL CERTIFIED FACULTIES



Ms. Sakthi Sree T
Assistant Professor
The Joy of Computing
using Python
Elite + Silver



Ms. Jency C

Assistant Professor

Introduction to Programming In C

Elite + Gold



Ms Revathi P
Assistant Professor
Deep Learning
Successfully Completed



#### NPTEL CERTIFIED FACULITIES



Mr Premkumar C D

Assistant Professor

Deep Learning

Elite



Associate Professor

Deep Learning, Elite
Silver



Ms.Yamuna N
Assistant Professor
Design Thinking
Elite + Silver



Mr Antony Vijay Assistant Professor Programming in Java, Elite +









#### **HIGER STUDIES**



Gowsalya P
(2018-2022)
MBA





#### PARTICIPATION IN INTER-INSTITUTE EVENT-STUDENT

S.No.	Batch	Class/Sem	Name of the Student	Name of the Event	Venue (Online Mode)	Date	Prize
1.	2020-2024	II / III B	M.Sathish	Coding and Decoding	SRM Valliammai Engineering College	26 <sup>th</sup> Feb 2022	Participated
2.	2020-2024	II / IV B	Yogalakshmi	Paper Presentation	P.A.College of Engineering and Technology	24 <sup>th</sup> May 2022	Second
3.	2020-2024	II / IV B	R.Vaishniya	Paper Presentation	P.A.College of Engineering and Technology	24 <sup>th</sup> May 2022	Second
4.	2019-2023	III / VI A	Abdul Kareem	Project Competition	of Engineering and Technology	28 <sup>th</sup> ,29 <sup>th</sup> Jan 2022	Second
5.	2019-2023	III / VI A	Avinesh	Project Competition	Sarvajanik College of Engineering and Technology	28 <sup>th</sup> ,29 <sup>th</sup> Jan 2022	Second



#### LIST OF STUDENTS WHO UNDERGONE IMPLANT/INTERNSHIP TRAINING

S.No.	Name of the Student	Period of Internship	No.of Days	Company Name
1.	NIVETHA R	02.06.2022 to 22.06.2022	21 Days	COGNIZANT
2.	NIVITHA PRABA M	02.06.2022 to 22.06.2022	21 Days	COGNIZANT
3.	KANIMOZHI V	22-12-2021 to 7-01-2022	15 days	E-soft
4.	DHEIVA BRATHYANGRA R	1-12-2021 to 31-01-2022	2months	Winzone Softech
5.	SARAVANAN M	10.01.2022 to 26.01.2022	10 days	Webgapp Solutions
6.	SATHISH M	10.01.2022 to 26.01.2022	10 days	Webgapp Solutions
7.	SELVADHARSHINI R	10.01.2022 to 26.01.2022	10 days	Webgapp Solutions
8.	SIVA SUNDRESAN.S	10.01.2022 to 26.01.2022	10 days	Webgapp Solutions
9.	RIYASVEL K T	27.12.2021 to 07.01.2022	10 Days	Webgapp Solutions
10.	SARAVANA KUMAR.R	27.12.2021 to 07.01.2022	10 Days	Webgapp Solutions
11.	SATHAPPAN L	27.12.2021 to 07.01.2022	10 Days	Webgapp Solutions



#### WORKSHOPS ATTENDED BY STUDENTS

S.No.	Batch	Class/Sem	Name of the Student	Name of the Workshop / Seminar	Venue	Date
1.	2020-2024	II / IV	R.AngelJeba	Developing Employability Skills Among Young Graduates	Hindusthan College of Engineering and Technology	7 <sup>th</sup> March to 9 <sup>th</sup> March 2022
2.	2020-2024	II / IV	R.Dheiyabrathyangra	Developing Employability Skills Among Young Graduates	Hindusthan College of Engineering and Technology	7 <sup>th</sup> March to 9 <sup>th</sup> March 2022
3.	2020-2024	II / IV	M.Kaviya	Developing Employability Skills Among Young Graduates	Hindusthan College of Engineering and Technology	7 <sup>th</sup> March to 9 <sup>th</sup> March 2022
4.	2020-2024	II / IV	V.Kanimozhi	Developing Employability Skills Among Young Graduates	Hindusthan College of Engineering and Technology	7 <sup>th</sup> March to 9 <sup>th</sup> March 2022



### WORKSHOPS/FDP/SEMINAR/STTP PARTICIPATION OF FACULTY IN

Name of the Faculty	Title of the Programme	Duration
Dr.I.Jasmine Selvakumari Jeya	<ul> <li>Student Learning         Assessment</li> <li>Internet of Things (IoT)</li> <li>Integrated Planning for         NIRF Ranking &amp; Best         Practices in Engineering         College</li> <li>Effective         Implementation of</li> </ul>	07.02.2022-19.02.2022 02.01.2022-07.01.2022 6 Days 07.02.2022-19.02.2022
	Outcome - Based Education  Webinar on CO Attainment Evaluation	07.02.2022-19.02.2022
Mr.C.D.Premkumar	Robust AI: Building through data exploration, pre- processing and representation	04.02.2022 - 08.02.2022
Ms.C.Jency	<ul> <li>IoT: A Journey from Sensor to Server</li> <li>Recent Advancements in Social Internet of Things (SIoT) and Industrial Internet of Things (IIoT)</li> <li>New Frontiers in Architecture, Engineering and Construction</li> <li>Block Chain Technology</li> </ul>	04.01.2022-08.01.2022 14.02.2022-18.02.2022 21.02.2022-25.02.2022 28.02.2022-04.03.2022



#### **CLASS TOPPERS LIST**



KAYATHRI S CGPA-9.40



FLASHMA CGPA – 9.32



MONICA P CGPA- 9.46



SARANYA S CGPA- 9.58



VARSHA C CGPA- 9.54



SATHISH M CGPA- 9.22



### **INFOSYS**



BETSIN KURUVILA MEKKAT



BHARATHI KANNAN S



DEVANARAYANAN P



RIYAGENCIKA P

**Shiash Info Solutions Pvt Ltd** 



**AISHWARYA** 



### **REVATURE**



JAGAN Y



MOHAMMED MAIDEEN NOWFAL V A

### **NTT DATA SERVICES**



RIYAGENCIKA P



### **WIPRO**



VIJAYAKUMAR S



CHINNADURAI S



MOHAN KANTH.D



**QUEST GLOBAL** 

Span Technology Services

**SOPRA STERIA** 



VIJAYAKUMAR S

### **CAPGEMINI**



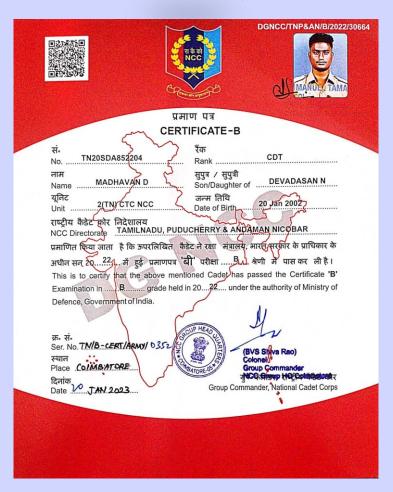
RAFIQ.J



### **Achievement In NCC**



#### MADHAVAN D, II IT A



HAMP HELLIN



### **EDITORIAL BOARD**

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Dept of Information Technology

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**Assistant Professor** 

Dept of Information Technology

### STUDENT EDITORS

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Vikram G, II IT B



