

# HARIPRASATH KANDASAMY

A teacher and a Scholar



**Name** : **K HARIPRASATH**

**Designation** : **ASSISTANT PROFESSOR**

**Department** : **INFORMATION TECHNOLOGY**

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**Address** : **Namakkal, TamilNadu.**

## Qualification:

Name of the Degree	Specialization/ Branch	Year of Passing	Name of the University	CLASS
Ph.D., (Part time)	Blockchain	Pursuing	Anna University, Chennai	-
M.E.,	Computer Science and Engineering	2012	Anna University, Chennai	<b>DISTINCTION</b>
B.E.,	Computer Science and Engineering	2010	Anna University, Chennai	<b>DISTINCTION</b>

## Teaching Experience (As on 01 June 2021):

Sl. No.	Name of the Organization	Designation	Period		Experience	
			From	To	Years	Months
1	Vivekanandha College of Engineering for Women (Autonomous)	AP/IT	05'Aug-19	-	1	10
2	Muthayammal College of Engineering (Affiliated to Anna University)	AP/CSE	01'June-12	30'June-19	7	1
			<b>Teaching</b>		<b>8</b>	<b>11</b>

### ***Journal Publications:(Reputed Journals)***

- *'Machine Learning based hybrid model for energy efficient secured transmission in wireless sensor networks'* in *Journal of Ambient Intelligence and Humanized Computing*, Springer, DOI: 10.1007/s12652-021-02946-y Published on 17'Feb 2021. ISBN - 1868-5137 Annexure in Anna University, SCIE, Scopus, UGC Care. Impact Factor- 4.59(as on 2019).
- *'Detection of Stages of Melanoma Using Deep Learning'* in *Multimedia Tools and Applications*, Springer Nature, DOI: 10.1007/s11042-021-10572-1. Published on 19'Feb 2021. ISBN: 1573-7721 SCIE, Scopus & UGC Care listed, Impact Factor- 2.31(as on 2019).
- *'A study on forecasting bigmart sales using optimized machine learning techniques'* in *Science in Information Technology Letters*, Vol. 1, No.2, p.52 - 59, November 2020 DOI-<https://doi.org/10.31763/sitech.v1i2.167>, ISBN:2722-4139. Scopus, Web of Science, CrossRef, Publons & Google Scholar.
- *'A Survey of predicting diabetes using Machine Learning and Deep Learning'* in *GIS Science Journal*, Vol. 7, Issue 10, Page:1512-1518, 2020. ISSN: 1869-9391.Scopus, UGC CARE. Impact Factor: 6.1.
- *'A Survey on The Prediction of Heart Disease Using Machine Learning Algorithm'* in *GIS Science Journal*, Vol. 7, Issue 10, Page:1519-1525, 2020. ISSN: 1869-9391.Scopus, UGC CARE. Impact Factor: 6.1.
- *'A Novel Cyber Security approach for Nodal authentication in IOT using Dual VPN tunneling'* in *Cyber-Physical Systems and Industry 4.0*, CRC Press, Taylor & Francis, STM member, May 2020. (Book Chapter)
- *'Clarans and Birch Datamining Techniques for Disease Diagnosis'* in *Network Modeling Analysis in Health Informatics and Bioinformatics*, Springer, ISSN- 2192-6670, SCImago, Scopus & UGC Care list (Under minor Revision)
- *'Performance analysis of nature inspired algorithms in the breast cancer diagnosis'* in *Nature Inspired Algorithms and Their Applications*, CRC Press, Tyler & Francis. (Accepted Book Chapter)
- *'An efficient multi-layer perceptron neural network-based breast cancer prediction'* in *Deep Learning Application in Image Processing*, CRC Press, Tyler & Francis. (Accepted Book Chapter)

- 'Deep learning model in diagnosing diabetes' in *Deep Learning Application in Image Processing*, CRC Press, Tyler & Francis. (Accepted Book Chapter)

**Industrial Consultancy:**

Sl. No.	Name of the Consultancy	Name of the Industry	Revenue Generated
1	Online Exam portal for Performance analysis and Appraisals	Sakthi Automobiles	NA
2	Network Establishment	Sri Krishna Medical and Research Institute	NA

**Patent Obtained:**

1. Name: Smart opaque Glass Device for Blind  
Number: 202041022903  
Published on 12.06.2020

**Value Added Courses Offered for Students:**

I can offer following Value-Added Courses to the fellow students

- Corporate Etiquette
- Communicative English
- Placement Training on Technical

**Contributions to the Institute and Outside Institutions:**

S No.	Positions held	Details of Contribution	Period
1	Overall Website Incharge	Maintaining and updating websites of all VEI institutions	From Feb 2021
2	Department IQAC Incharge	Ensuring all quality audits and other related tasks	From Aug 2019
3	Department R&D Co-coordinator	Coordinating research activities of department	From Aug 2019
4	Class Advisor	Coordinating all administrative and academic activities of Batch 2019-2023	From Aug 2019
5	Overall Hardware Incharge	Ensuring Service, Repair, Replacements and Audits of hardware peripherals	From June 2020 – March 2021

***Membership in Professional Bodies:***

<b>S.No.</b>	<b>Name of the Society</b>	<b>Nature of Membership</b>
1	Indian Society of Technical Education (ISTE)	LIFE MEMBER
2	International Association of Engineers (IAENG)	LIFE MEMBER
3	Universal Association of Computer and Electronics Engineers. (UACEE)	LIFE MEMBER

***Area of Interest:***

- Programming using C, C++, Java and Python
- Web Development and Management
- Database Management using MySQL, Tableau, MongoDB
- App development using Android Studio and Firebase

Subjects like Programming and Problem Solving, Object Oriented Programming, Data Structures, Database Management Systems, Design and Analysis of Algorithm, Computer Networks, Business Analytics, Cryptography and Network Security and Artificial Intelligence.