**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: Mrs S.RIYAZBANU

DATE OF BIRTH: 01-06-1985

DESIGNATION: ASSISTANT PROFESSOR

DEPARTMENT: CSE

EMAIL ID: [rahamathriyaz@gmail.com](mailto:rahamathriyaz@gmail.com)

DATE OF JOINING: 18-06-2024

EMPLOYEE ID: 1735

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Pursuing Ph.d** | **Kalinga Institute of Industrial**  **Technology (KIIT)**  **Deemed to be University**  **Bhubaneswar, Odisha** | **-** |
| **M.Tech** | **JNTU ANANTAPUR** | **2012** |
| **B.Tech** | **JNTU HYDERABAD** | **2006** |

## Research Details

1. Areas of Specialization: INFORMATION SECURITY
2. List of Publications: 10
3. Awards Received : 1
4. Research Guidance:
5. No. of PhD Guided:
6. No. of M.Tech Guided: 1
7. No. of B.Tech Guided: 30
8. Details of Professional Membership: ISTE, CSI HYDERABAD
9. Subjects Taught: CNS, CD, CN, CO, C , C++, DS, PPL, IRS, FS, BDT, JAVA, PYTHON, Foundation of AI&DS, EH, WT, MAD.

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| 1.Crop Fortification Method by Smart IoT Based Smart Agriculture Protection System | “International Journal of Future Generation Communication and Networking, | 2021 |
| 2.A survey paper on opens tack demonstrate in machine learning | A Journal of  composition Theory (JAC), | 2021 |
| 3.CYBER SECURITY BY HACK-SPACE INTEGRATED MODEL | International  journal of science and research(IJSR) | 2019 |
| 4.Authentication by Encrypted Nagative Password using Elgamal | International journal of Research and Aalytical Reviews(IJRAR) | 2021 |
| 5.“Automated invasive cervical cancer disease detection at early stage through deep learning | (IJBRA), | 2023 |
| 6.Implementing Swam Intelligence for Image Enhancement:A comparative Study | IJRIS | 2024 |
| 7.Healthcare Information Systems and Study of Machine Learning Technology for Cancer Detection | ICACRS-IEEE xplore | 2024 |
| 8.A Hybrid Recommendation System for E-Learning Based on the Design Social Science Reserch Proess Model | IJLT | WAITING FOR RESULTS |
| 9.An Image Encryption Algorithm by using Secure Key Generation Techniques | IRJAEM | WAITING FOR RESULTS |
| 10.Simple and Secure Reversible Watermarking for Medical Data in Wireless Sensor Networks | IC3T | WAITING FOR RESULTS |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
| **1** | **Electronic Virtual Assistant in Banks using Artificial Intelligence** | **Published** |
| **2** | **MULTIPLE CAMERA BASED**  **SYSTEM FOR 3D MODEL**  **CONSTRUCTION OF INNER WALLS**  **OF SHIP PROPELLER FROM 2D IMAGES** | **Published** |

CONFERENCES:

|  |  |  |
| --- | --- | --- |
| **TITLE** | **CONFERENCE** | **YEAR** |
| 1. Enhanced Approach for Spam Detection in IOT Devices Using Machine Learning | ICRTET | 2022 |
| 2. Password Authentication Security  for Mobile Devices using smooth  Projective Hash Functions | NACSE | 2023 |
| 3. Cashless Society : Managing  Security and Privacy in the  technological age” | NACSE | 2023 |

BOOKS:

|  |  |  |
| --- | --- | --- |
| **TITLE** | **Name of the**  **publisher &amp;**  **ISSN/ISBN** | **YEAR** |
| **1.** **Fundamentals of Python**  **programming** | **South Asian Academic**  **Publications Entitled. ISBN :**  **978-93-92153-39-6** | **2023** |

Book Chapters:

|  |  |  |  |
| --- | --- | --- | --- |
| Name of Authors | Reference details of book  chapter and the book in  which this appears | Name of the publisher  &amp; ISSN/ISBN | Page  Nos. |
| 1.S.RIYAZBANU | Healthcare information systems and  study of machine learning technology  for cancer detection | doi:10.1088/978-0-7503-4801-  0ch34 | Chapter  34 |