



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY

(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)

Rajampet, Annamayya District, A.P – 516126, INDIA

Faculty Profile



Basic Information:

NAME : S.RiyazBanu
DESIGNATION : Assistant Professor
DEPARTMENT: CSE
DATE OF BIRTH : 01.06.1985
DATE OF JOINING : 18.06.2024
EMAIL ID : rahamathriyaz@gmail.com
EMPLOYEE ID : 1781

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph. D. Pursuing	KIIT University, Bhubaneswar	-
M. Tech.	JNTUA, Anantapuramu with 83%	2012
B. Tech.	Madina Engineering College with 65%	2006
Intermediate	Deepthi Junior College, Proddatur with 60%	2002
S.S.C	Sri Saraswathi Vidya Mandiram, Kadapa Dt. with 63%	2000

PROFESSIONAL EXPERIENCE:

College Name	Designation	Period	
		From	To
KSRM College of Engineering Engineering, Kadapa Dt.	Assistant Professor in CSE	19-08-2006	01-06-2024



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Annamacharya University,Rajampet, Annamaya Dt	Assistant Professor in CSE	18-06-2024	Till date
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TOTAL EXPERIENCE:

Total Teaching experience: **19 Years**

Research Details:

1. Areas of Specialization	:	Network Security,Information Security
2. No. of Publications	:	8
3. Awards Received	:	1
4. Research Guidance		
	No. of PhD Guided:	
	No. of MTech. Guided:	1
	No. of B.Tech. Guided:	30
5. Details of Professional Membership:		CSI Hyderabad - 5021230075 ISTE - LM 107163
6. Subjects Taught	:	1. Formal Languages & Automata Theory/ Theory of Computation 2. Compiler Design 3. Automata and Compiler Design 4. Mobile Application and Development 5. Computer Networks 6. Ethical Hacking 7. File Systems 8. Information Retrieval System 9. C and Data structures 10. Cryptography and Network Security 11. Object Oriented Programming through JAVA 12. Digital Logic Design



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Publication Details:	13. Computer Organization 14. Principles of Programming Languages		
	Title	Publisher	Published Year
	Healthcare Information Systems and Study of Machine Learning Technology for Cancer Detection	ICACRS-IEEE xplore held on 2 nd and 3 rd May 2024	2024
	Implementing Swam Intelligence for Image Enhancement:A comparative Study	IJRIS	2024
	Automated invasive cervical cancer disease detection at early stage through deep learning	IJBRA	2023
	Authentication by Encrypted Negative Password using Elgamal	International journal of Research and Aalytical Reviews(IJRAR)	2021
	A survey paper on opens tack demonstrate in machine learning	A Journal of composition Theory (JAC),	2021
	Crop Fortification Method by Smart IoT Based Smart Agriculture Protection System	“International Journal of Future Generation Communication and Networking,	2021
	CYBER SECURITY BY HACK-SPACE INTEGRATED MODEL	International journal of science and research(IJSR)	2019
	Simple and Secure Reversible Watermarking for Medical Data in Wireless Sensor Networks	IC3T ,Scopus	2025



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Patent Details:

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

BOOKS:

1. S.Riyazbanu, published on "Fundamentals of Python programming "at South Asian Academic Publications Entitled.

PRESENTED PAPERS IN INTERNATIONAL CONFERENCES:

1. S.Riyazbanu "Enhanced Approach for Spam Detection in IOT Devices Using Machine Learning" ICRTET, 2022
2. S.Riyazbanu "Improving Sign Language Accessibility with Deep Learning-Based Hand Gesture Recognition" in the 8th International Conference (COAIEMA-2025)
3. S.Riyazbanu "Simple and Secure Reversible Watermarking for Medical Data in Wireless Sensor Networks" for IC3T 2025
4. S.Riyazbanu "An image Encryption Algorithm by using Secure key generation Techniques" for IMSTEM-2025.

PRESENTED PAPERS IN NATIONAL CONFERENCES:

1. S.Riyazbanu "Password Authentication Security for Mobile Devices using smooth Projective Hash Functions", NACSE-2023
2. S.Riyazbanu "Cashless Society : Managing Security and Privacy in the technological age", NACSE-2023

WORKSHOPS ORGANIZED:

1. S.Riyazbanu, conducted One week workshop on "C++ PROGRAMMING".
2. S.Riyazbanu, conducted One week workshop on "GAME DESIGN USING BUILD BOX".



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WORKSHOPS ATTENDED: 18

List of conducted Events:

1. S.Riyazbanu, conducted One day guest lecture on "CYBER SECURITY".
2. S.Riyazbanu, conducted One day seminar on "HOW TO WRITE AND PRESENT CONFERENCE PAPER".
3. S.Riyazbanu, conducted One week workshop on "C++ PROGRAMMING".
4. S.Riyazbanu, conducted One week workshop on "GAME DESIGN USING BUILD BOX".
5. S.Riyazbanu, conducted Two week Certification course on "RASBERRY PI".
6. S.Riyazbanu, conducted Two week Certification course on "PYTHON PROGRAMMING".
7. S.Riyazbanu, conducted One week Certification course on "ANDROID APPLICATION DEVELOPMENT USING KOTLIN".

WEBINARS ATTENDED: 25

Number of FDP'S Attended: 40

Number of STTP Attended : 3

Number of seminars Attended : 2

AWARDS:

1. S.Riyazbanu, Best paper presentation under the UG category award for the research paper entitled "An image Encryption Algorithm by using Secure key generation Techniques"

GUEST LECTURES:

1. S.Riyazbanu, conducted One day guest lecture on "CYBER SECURITY".

ACADEMIC ACTIVITIES:

1. Paper Setter and Evaluator for Various Universities and autonomous Colleges like JNTUP, JNTUA, YVU, RGM and NBKR etc.