Dr. Esther Jyothi Veerapaneni

Designation   : Assistant Professor

E-Mail ID   : vejyothi@vrsiddhartha.ac.in

Contact at   : Department of Computer Applications, School of Science, Siddhartha Academy of Higher Education (Deemed to be University), Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Computer Science)

2019, Rayalaseema University, Kurnool

M.Tech (Computer Science and Engineering)

2010, Jawaharlal Nehru Technological University, Kakinada

M.C.A

2003, Andhra University, Vishakapatnam

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2024-till date	Asistant Professor	Siddhartha Academy of Higher Education	Programme Coordinator for B.Sc Honours (Computer Science), In-charge Head of the MCA Department (Cumulatively 2 Years & 10 months between 2020-24), Institution NAAC Criteria-4 in-charge, Academic Council member, Curriculum design, NAAC, NIRF and R&D Coordinator, Research publications and PG project guidance, , Committee member of Planning and Evaluation, Greivance Redressal, Academic Audit, Women Welfare and SERG.
2008-2024	Asistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	

Research Interests

Broad Area of Research:

Cyber Security, Cryptography and Network Security and Software Engineering.

Honors and Awards

- Received award as "Best Women Researcher" - IJIEMR- Elsevier SSRN Research Awards 2021
- Recognized Reviewer for SCI Journal and peer reviewed Journals:
  - China Finance Review International (United Kingdom) – SCI - Q1 Journal
  - Journal of Computer Engineering & Information Technology, SciTechnol (United Kingdom)
  - Journal of Emerging Technology and Innovative Research (India)
- Reviewer for IEEE International Conference (ICNSoC 2025)

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Programming in C	UG
2	Cryptography and Network Security	PG
3	Software Engineering	PG
4	Operating Systems	PG
5	Object Oriented Analysis and Design	PG
6	Information Systems Auditing	PG
7	Introduction to Computing	UG
8	Cyber Security	PG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=itx14AYAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57456019800
ORCID	https://orcid.org/0000-0003-2543-342X
dblp	https://dblp.uni-trier.de/pid/384/0632.html
Publons	https://www.webofscience.com/wos/author/record/AES-5684-2022
Research Gate	https://www.researchgate.net/profile/Esther-Veerapaneni
LinkedIn	https://in.linkedin.com/in/dr-esther-jyothi-veerapaneni-759352254

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	In-charge Head	VRSEC and SAHE	Cumulatively 2 Years & 10 months between 2020-24	In-charge Head of the MCA Department
2	Programme Coordinator	SAHE	Since 01-09-2025	Programme Coordinator, B.Sc Honors (Computer Science), SCHOOL OF SCIENCE

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1	Microsoft Solution Developer	Microsoft	Global Certification	2007
2	AI for Everyone	Coursera - DeepLeaning.AI	4 weeks	April, 2020
3	Programming for Everybody (Getting Started with Python)	Coursera - University of Michigan	4 weeks	May, 2020
4	COVID-19 Contact Tracing	Coursera - John Hopkins University	4 weeks	May, 2020
5	Creative Thinking: Techniques and Tools for Success	Coursera - Imperial College, London –	4 weeks	June, 2021
6	Introduction to Big Data	Coursera - UC San Diego	4 weeks	November, 2021
7	Cybersecurity for Everyone	Coursera - University of Maryland	5 weeks	November, 2023
8	Learning How to Learn: Powerful mental tools to help you master tough subjects	Coursera -Deep Teaching Solutions	4 weeks	June 2025

Patents

S.No	Title	Status	Application No.	Year
1.	Smart Electronic Device and System for Object Preserving and Tracking	Published	202041008782A	06/03/2020
2	Red Deer Algorithm For Anomaly Detection In Sensor-Based Cyber-Physical Systems	Published	202141017669A	23/04/2021
3	Cultivation of Agricultural Data Using IoT	Published	202241000094	14/01/2022
4	Artificial Intelligence (AI) Based System for Predicting Individual's Health Behavior and Method Thereof	Published	202341030737A	05/05/2023

Invited Talks

No. of Invited Talks	01

Professional Service / Reviewer

- Recognized Reviewer for SCI Journal and peer reviewed Journals:
  - China Finance Review International (United Kingdom) – SCI - Q1 Journal
  - Journal of Computer Engineering & Information Technology, SciTechnol (United Kingdom)
  - Journal of Emerging Technology and Innovative Research (India)
- Reviewer for IEEE International Conference (ICNSoC 2025)

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	13
International / National Level Seminars	08 / 01
International / National Level Conferences	18 / 02
Workshops	07
Instructor Led / Self-Paced Courses	01
Webinars	07

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	802976	Association for Computing Machinery (ACM)

(V.Esther Jyothi)

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