Dr. Ch. Rupa

Designation : Professor

E-Mail ID : rupamtech@gmail.com, drchrupa@vrsiddhartha.ac.in

Contact at : C114,Department of Computer Science and Engineering, Siddhartha Academy of Higher Education Deeemd to be University, Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

PDF – Post Doctoral Fellowship (Blockchain Technology)

2021, University of Lincoln, Malaysia

Ph. D (Computer Science and Engineering)

2011, Andhra Univerist, Visakhapatnam

M.Tech (Computer Science and Engineering)

2005, Andhra University, Visakhapatnam

B.Tech (Computer Science and Engineering)

2002, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization
2016 – Till Date	Professor	Siddhartha Academy of Higher Education Deemed to be University
2014-2016	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College(A)
2010-2014	Associate Professor	VVIT(A)
2009-2010	Sr. Assistant Professor	Gayathi Vidhya Parishad Engineering College (A)
2005-2009	Assistant professor	GITAM Univeristy

Research Interests

Broad Area of Research
- Information Security
- Blockchain Technology
- AI based Application Security

Honors and Awards

Award/Recognition	Agency
Appreciation Award, 2025	JNTU, Kakinada
Global Top 2% Scientist, 2025	Elsevier & Stanford University, USA
Excellence in Research Contribution , 2024	Council for Skills and Competencies (CSC), India
Global Top 2% Scientist, 2024	Elsevier & Stanford University, USA
Best Paper Award, 2024	NIT, Uttarakhand
Session Chair, IEEE Int. Conference	University of Malaya (QS Rank - #65) & VIT Vellore
Best Paper Award, 2023	Sharnabava University, Karnataka
Global Top 2% Scientist, 2023	Elsevier & Stanford University, USA
National Technomedia Young Women in Eng.	IETE, HQ, New Delhi, 2023
IIC Innovation Ambassador for IPR & Technology Transfer	MHRD-IIC 2019-20
National Computer Discipline Award	IEI (I) ,2017-18
National Award -Brig. M. L. Anand Award	IETE, 2017
Certificate of Continuing Education Completion	Cybrary, Maryland, US 2017
Computer Science Discipline Award	IEI (I) ,2014-15
Best University Teacher Award	JNTUK, 2013-14
State Young Engineer Award	Govt. of A. P &IEI, 2012-13
National Young Engineers Award	IEI, 2011-12
Young Engineers Award	JNTUK, 2010-11
Best Paper Award	Pentagram Research Center 2010

Courses Taught

- Cryptography & Network Security
- Computer Networks
- Design & Analysis of Algortihms
- Objected Oriented Analysis & Design
- Cyber Security
- Research Methodology & IPR
- Data Structure
- Compiler Design

Recognized Research Supervisor

S.No.	Department	University
01.	Computer Science and Engineering	Jawaharlal Nehru Technological University, Kakinada
02.	Computer Science and Engineering	KLEF (Deemed to be University)
03.	Computer Science and Engineering	University of Lincoln, Malaysia
04	Computer Science and Engineering	VRSEC (Deemed to be University)

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?user=d9onLuYAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56456742200
ORCID	http://orcid.org/0000-0002-7162-8909
Publons	https://publons.com/researcher/1666165/rupa-ch/
DBLP	https://dblp.uni-trier.de/pers/hd/r/Rupa:Ch=
LinkedIn	https://www.linkedin.com/in/dr-rupa-ch-72966528/

Research Scholar Details – Awarded/Under Supervision

S. No.	Name	Broad Area of Research	University	Status
1.	P. Bhagyasri	AI based Security	JNTUK	Pursuing - 2024
2.	T. Malleswari	AI based Security	SAHE Deeemed to be University	Pursuing - 2024
3.	Satish	AI based Security	JNTUK	Pursuing - 2023
4.	Sunitha	Cloud Security	JNTUK	Awarded - 2022
5.	Sirozddin	Network Security	JNTUK	Awarded - 2021
6.	Sailaja	Information Security	JNTUK	Awarded - 2021

Funded Research Projects / Travel Grants

Completed	04
	AICTE (2019-21): 4,70,000/- DST (2015-18): 14,5000/- AICTE (2009-2010):1,20,000/- SAGTE (2022-24) : 0.75L
On-going	02
	• **International collaborative project** (2025- 2026) : 30000 SA Under Cybersecurity Research and Innovation Pioneer Grants, part of the National Program for RDI, Saudi Arabia • **National :** AICTE -AURA (2025-26) : 2,00, 000/-
Applied	03

Patents

Granted	6 –> National :5, International : 1
Published	7
PCT	1 - Published

Total Filed	14

International/Govt. / Industry Collobarations

International	• Scientific Committee Member, World Association for Scientific Research and Technical Innovation (WASRTI), Malaysia. • Brandon University, Canada • TU Wien , Austria • Lincoln University, Malaysia • Kebri Dehar University, Ethipia • University of Bolton, UK • Jiaxing University, China
Govt.	• Dept. of Food Corporation Pvt. Ltd, Govt. of A.P. • Dept. of Soil Testing, Govt. of A.P • Dept. of Agricultural, Govt. of A.P.
Industry	• TCS • CISCO • Accenture

Consultancy

Completed	01
On-going	NIL
Applied	01

Invited Talks

No. of Invited Talks	40 **Prominent :** • Two days Hands on workshop on "Cyber Hygiene & Security", CAG officials, Govt. of A.P, 2nd & 3rd, Nov, 2023 • 1 day workshop on " Cyber Crimes & Security", Officials of Govt. of A.P, APHRDI, 12th Oct, 2023 • Guidelines to Publish the Paper & IPR", Int. School of Technology and Science (For Women), Rajahmundry, 06, August,2022 • "Cyber Security and IT Enabled Services" in 3 Days Training Programme on "E Governance Initiatives" to Govt. Officials by APHRDI, Govt. of AP, 23-25, June,2022.

Professional Service / Reviewer

BoS Member (Board of Study)	• Narasaraopet Engineering College (A), Narasaraopeta • Mittapalli Institute of Technology (A), Guntur
Editorial Board Member	• MIR Labs • Global Journals
Reviewer	IEEE Access, Science Direct, Int. Conferences

Other Reseach Accomplishments & Contributions

Research Publications	• SCI – 28 • Scopus – 139 • Google Scholar -129 (With Citations 1972)

	• No. Of International Journals – 70 • No. Of Text Book/ Chapter – 12 • No. Of International Conferences – 81 • National Conference – 10
Presented Papers in Abroad	• No. Of Presented Papers in Abroad – 8 • (Malaysia, Japan, China, France, USA)
Start up	"PAW Patrol" which helps to save children from Pedophiles was selected for a #startup (Registration No. HB126541ZM & Business Name: PAW Patrol) by the Software technology park of India (#stpiindia), #Ministry of Electronics & Information Technology, New Delhi, India

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	20
International / National Level Seminars	25
International / National Level Conferences	51
Workshops	35
Instructor Led / Self-Paced Courses	14
Webinars	10

Professional Bodies Membership Details

IndM/2025/C1/145	Senior Member of INAE
SM93308121	Senior Member of IEEE
LM00157372	Computer Society of India (CSI)
AM099595	Institute of Engineers of India IE (I)
M500594	IETE
LM54318	Indian Society for Technical Education (ISTE)
L/0675	CRSI
3991581	CSTA (ACM)
100591	International Association of Engineers (IAENG)
SNM1010002605	Institute Research Engineers and Doctors (IRED)

***