

Dr. Yegireddi Ramesh

yramesh@adityatekkali.edu.in



Employee ID : A5CSE00T06
Designation : Associate Professor
Department : CSE
Date of Birth : 20 Oct 1973
Father Name : Suryanarayana
Mother Name : Ramulamma
Reservation Category if any : BC - D
Address : P. No: 78, ASN Colony,
Bondilipuram, Srikakulam
Mobile Number : 9849765747
Email id : rameshyegireddi@gmail.com
Date of Joining in the
Institution : 04-09-2006

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph. D (CSE)	JNTUK, Kakinada	--	Nov 2020
M. Tech (CSE)	JNTUH, Hyderabad	Distinction	Jan 2010
M.C.A	OU, Hyderabad	Distinction	Oct 1999

Total Years of Experience: 19+ Years

Period		Organization/Institution	Designation
Jan 08	Till Date	AITAM, Tekkali	Associate Professor
Sep 06	Dec 07	AITAM, Tekkali	Sr. Asst. Prof.
Oct 03	Aug 06	GITAS, Bobbili	Sr. Asst. Prof..& Head
Oct 01	Sep 03	BSRCST, Rajahmundry	Asst. Prof. & Head
Jan 00	Sep 01	MITS, Raayagada	Asst. Prof

Areas of Interest:

- C Programming and Data Structures
- Data Base Management System
- Computer Networks
- Information Security
- Mobile Computing
- Cyber Security and Cyber Laws
- Mobile Ad-hoc and Sensor Networks
- Internet of Things
- Python Programming
- Operating Systems

Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : 16
- iii) Bachelor Projects : 33

Sponsored Research Projects:

S. No.	Sponsoring Agency	Title of the Project	Grant

Honors and awards received: -

- Secured First Runner-Up in Techie Track – Case Folio Contest of INSPIRE – The Faculty Contest Series 2011 -2012 at **INFOSYS, Hyderabad** on 23rd March, 2012
- Ratified as Associate Professor in 2010 in JNTUK selections.
- Qualified APSET 2012 Exam.

Memberships of Professional Societies and Other Organizations:

- ISTE Life Member
- CSI Life Member
- ACM Member

Other Responsibilities:

- Placement, Alumni and CGC Coordinator
- BOS Member

Details of Book Publications: -

- Unix Programming (Under Publication)
- C and Data Structures (Under Publication)

Details of Publications:

1. Ch.BhogeswaraRao, Ramesh Yegireddi,G.S.Pavan Kumar published a paper on “Secure Key Generation and Transmission Protocol in Wireless Sensor Networks” in International Journal of Computer & Organization Trends (IJCOT)– Volume 33 Number1– July 2016, ISSN: 2249-2593 Page 41
2. Simma Santhoshi , Ramesh Yegireddi, Published a paper entitled as “Cluster Based Secure P2P Data Integrity Technique in Wireless sensor Networks” in International Journal of Computer Trends and Technology (IJCTT) – Volume 35 Number 3- May 2016
3. P. Padmanabham, Y. Ramesh, published a paper on “Performance Analysis of Routing Algorithms: AODV, DSDV, OLSR, DSR in WPAN”, in International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2013): 6.14 | Impact Factor (2013): 4.438
4. Lokeswara Rao. K, Ramesh.Y, published a paper on “Improvisation of Identity, Trustworthiness and Privacy in Social Network” in International Journal of Research in Computer and Communication Technology, Vol 4, Issue 6 , June - 2015, ISSN (Online) 2278- 5841, ISSN (Print) 2320- 5156
5. Hanumantu Rajeswari1, Ramesh Yegireddi, published a paper on “Performance Analysis of Hash Algorithms and File Integrity” in (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (6) , 2014, 7376-7379
6. Y. Ramesh, G S Pavan Kumar, Published a paper entitled as “Enhancing the Integrity of Short Message Service (SMS) in New Generation Mobile Devices”, in IJCSI International Journal of Computer Science Issues, Vol. 10, Issue 6, No 2, November 2013ISSN (Print): 1694-0814 | ISSN (Online): 1694-0784, IF 0.242

7. Y. Ramesh, V A G Raju, Published a Paper entitled as” Neighbour Discovery In Asynchronous Wireless Sensor Networks” in an International Journal IJESAT, ISSN: 2250–3676, Volume-2, Issue-4, 998 – 1000
8. Y. Ramesh, Usha Ch, CBR based Performance Evaluation on FSR, DSR, STAR-LORA, DYMO Routing Protocols in MANET. International Journal of Engineering Research and Development e-ISSN: 2278-067X, p-ISSN: 2278-800X, www.ijerd.com Volume 2, Issue 9 (August 2012), PP. 17-27
9. Yegireddi Ramesh1, Krishnaveni Paidi Neighbour Discovery in Asynchronous Wireless Sensor Networks ISSN: 2250–3676 [IJESAT] International Journal of Engineering Science & Advanced Technology Volume-2, Issue-4, 998 – 1000
10. Vineela Behara, Y. Ramesh published a paper on “A Secure File Transfer based on Discrete Wavelet Transformation and Audio Watermarking Techniques”, (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 3 (5) , 2012,5291 – 5295
11. Y.Ramesh, T. Naresh, T. Chalapathi Published a Paper entitled as” Breakdown the Session Riding Attacks (XSRF) with Cryptographic NONCE” in an International Journal IJERA, ISSN: 2248-9622, Vol. 2, Issue 1,Jan-Feb 2012, pp.1150-1156
12. Yegireddi Ramesh and Kiran Kumar Reddi, “**A survey on Conventional Encryption Algorithms of Cryptography**”, IEEE xplore Digital Library, April 2017 (SCOPUS)
13. Yegireddi Ramesh and Kiran Kumar Reddi, “**RK Algorithm: A Novel Parallel Methodology for Symmetric Key Cryptography**”, Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 09-Special Issue, 2018 (SCOPUS)
14. Yegireddi Ramesh and Kiran Kumar Reddi, “**A Methodical Observation of the Resemblance and Performance Analysis of Cryptographic Algorithms: DES, AES, Blowfish, RK**”, International Journal of Pure and Applied Mathematics, Volume 119 No. 18 2018, 737-749 (SCOPUS)
15. Yegireddi Ramesh and Kiran Kumar Reddi, “Comparison of Conventional Encryption Algorithms **DES, Blowfish, AES** and **RK** using various performance Indicators”, Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 10-Special Issue, 2018 (SCOPUS)
16. Y Ramesh “Bose Blockchain approach to Cyber Security vulnerabilities attacks and potential countermeasures”IJSIA, vol. 14 Issue 1 2020.(WoS)
17. Y Ramesh, Bosubabu S, “An Artificial Intelligence approach to Social Networks agent task scheduling analysis in map-reduce for Sentiment Opinion Analysis”,

Details of Conferences / Workshops / Refresher Courses Organized:

1. Organized 6 day Faculty Skill Development Program on “Android & Its Applications” during 25th – 30th April, 2013.
2. Organized 2 Day FDP on Cloud Computing and Its Applications under TEQIP Phase – II on 21st & 22nd February 2013.
3. Organized 6 day Skill Development Training Program on “Cyber Forensics and Security” during 8th to 13th July – 2013.
4. Organized 6 day Skill Development Training Program for III CSE students on “Data Base Administration (DBA)” from 12th November to 17th November, 2014.
5. Organized 6 day Skill Development Training Program for III CSE students on “Python Programming” during 24th to 28th Sep – 2016

Details of Conferences / Workshops / Refresher Courses Attended:

Internal:

S. No.	Dates	Name of The Programme	Host Institution
1	28 th & 29 th Dec, 2007	WEKA: A Data Mining Tool	AITAM, Tekkali
2	23 rd – 25 th Aug, 2008	Research Methodologies in Engineering: Current Perspective and Prospectus	AITAM, Tekkali
3	5 th -18 th Feb 2010	Network Security and Applications	AITAM, Tekkali
4	6 th – 7 th Aug 2010	UNIX TCP/IP Programming	AITAM, Tekkali
5	21 st – 25 th Feb 2011	WIPRO Mission 10X	AITAM, Tekkali
6	28 th – 29 th Apr 2011	Mission 10X MxLA	AITAM, Tekkali
7	20 th – 22 nd Aug 2011	Multicore Computing : Hands on Exposure to Practical Open MP Programming	AITAM, Tekkali
8	30 th – 1 st Aug 2012	Information Security & Cyber Forensics	AITAM, Tekkali
9	19 th Jan, 2013	Outcome Based Education (In compliance with NBA Accreditation)	AITAM, Tekkali
10	21 st – 22 nd	Cloud Computing and its Applications	AITAM, Tekkali

	Feb, 2013		
11	25 th – 30 th April, 2013	Android & Its Application (AIA-2013)	AITAM, Tekkali
12	8 th – 10 th Jan, 2014	Frontiers in Machine Learning Algorithms	AITAM, Tekkali
13	15 th & 16 th Nov, 2014	Twenty First Century, the Dawn of Digital Era: Pedagogical Issues of Technical Teachers	AITAM, Tekkali
14	15 th – 16 th Dec, 2014	Software Engineering and Allied Tools in Association with IUCEE, under TEQIP Phase-II	AITAM, Tekkali
15	09 th March, 2015	One Day Workshop on Outcome Based Education in Association with IUCEE, Under TEQIP Phase-II	AITAM, Tekkali
16	20 th - 25 th October, 2016	A One Week Faculty Development Program on ANALYTICS WITH R” under TEQIP Phase-II, during	AITAM, Tekkali
17	12 th - 17 th November 2018	IoT & Data Analytics" in association with E & ICT Academy, NIT Warangal, Govt. of India	AITAM, Tekkali
18	13 th to 14 th July, 2019	A Two Day Workshop on Outcome Based Education	AITAM, Tekkali
19	17 th to 18 th Aug, 2019	A Two Day Workshop on Outcome Based Education	AITAM, Tekkali

External:

S. No.	Dates	Name of The Programme	No. of Days	Host Institution
1	13 th – 19 th Dec, 2003	Network Security & Cryptography	7	IIT Delhi
2	8 th – 14 th May, 2004	Communication Skills for Engineers	7	IIT Kanpur
3	18 th – 24 th Nov, 2004	Wired & Wireless Communication	7	IIT Kanpur
4	5 th – 6 th Jan, 2007	Information Security	2	GMRIT, Rajam
5	24 th Oct 2009	Network security and embedded system	1	JNTU, Kakinada
6	23 rd Jan 2010	Cryptography algorithms for banking and mobile computing	1	JNTU, Kakinada
7	23 rd Mar, 2012	INSPIRE	1	INFOSYS, Hyderabad
8	7 th & 8 th	National Seminar on Cloud	1	GITAM

	Sep, 2012	Computing NSCC – 2012		University
9	1 st to 15 th May, 2013	Research Methodologies	15	JNTUK, Kakinada
10	16 th to 30 th May, 2013	IPR	15	JNTUK, Kakinada
11	27 th to 31 st Jan, 2015	Research Challenges and Issues in Big Data and Cloud Computing	5	JNTUK-UCE, Vizianagaram
12	22 nd 27 th June, 2015	Management Capacity Enhancement Program	6	IIM, Kozhikode
13	7 th to 11 th Dec, 2015	MoT in Cyber Security Analyst Module – I	5	APSSDC & NASSCOM at CU, Hyderabad
14	5 th to 10 th July, 2016	MoT in Cyber Security Analyst Module – II	5	APSSDC & NASSCOM at ANU, Guntur
15	14 th to 18 th Dec, 2016	MoT in Cyber Security Analyst Module – III	5	APSSDC & NASSCOM at JNTUK, Kakinada
16	29 Sep 2018	ICYCON- Cyber Security Conference	1	Sree Vidhyaniketan, Tirupati
17	25 th to 29 th Apr, 2020	Internet of Things	5	AICTE ATAL
18	29 th Apr to 03 rd May, 2020	Basics of R Programming	5	IIT Bombay Spoken Tutorial
19	11 th to 15 th May, 2020	Block Chain	5	AICTE ATAL
20	21 st to 27 th May, 2020	Computer and Communication Networks	7	SRIT, Chennai
21	28 th May to 1 st June, 2020	Cyber Security	5	Vignan & Supraja Tech.

SIGNATURE