Dr. Yegireddi Ramesh

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Employee ID	:	A5CSE00T06
Designation	:	Professor & HOD
Department	:	IT
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
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: 23 Years

Period		Organization/Institution	Designation
Oct 21	Till Date	AITAM, Tekkali	Professor & HoD
Jan 21	Sep 21	AITAM, Tekkali	Professor
Jan 08	Dec 20	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:

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

Guidance of Academic Projects:

i)   Doctoral Projects : -
ii) Masters Projects   : 17
iii) Bachelor Projects : 35

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
- IAENG

Other Responsibilities held:

- Placement, Alumni and CGC Coordinator
- BOS Member
- Academic Council Member

Details of Book Publications: -

- A Methodical Observations of the Analysis of Cryptographic Algorithms, AMAZON International
- 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 (**SCOPUS**)

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,   V olume-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 V olume-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 Networksagent task scheduling analysis in map-reduce for Sentiment Opinion Analysis", 2020 IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security (iSSSC) **IEEE Xplore**

18. Y Ramesh, "Recent advancements and challenges of Internet of Things in Healthcare", 2020 IEEE International Symposiumon Sustainable Energy, Signal Processing and Cyber Security (iSSSC) **IEEE Xplore**

19. Y Ramesh, Bosubabu S, "An Artificial Intelligence approach to Intelligent Vehicle Control and Monitoring System", 2022 Journal of Pharmaceutical Negative Results **WoS**

20. Y Ramesh, "a comparative study for social network sentiment Analysisusing machine learning algorithms", 2023 A Journal for New Zealand Herpetology, (**SCOPUS**)

21. Y Ramesh**, "**Artificial Intelligence: Recent Trends, Opportunities, andChallenges in Real-World Scenarios", Springer Proceedings in Mathematics & Statistics book series, (**SCOPUS**)

22. Y Ramesh**, "**Damaged Units Return Investigation in Printer-ProducingIndustry Utilizing Big Data", Springer Proceedings in Mathematics & Statistics book series, (**SCOPUS**)

Details of Conferences / Workshops / Refresher Courses Organized:

1. Organized 6 day Faculty Skill Development Program on "Android & Its Applications" duting $25^{th} – 30^{th}$ 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	28th & 29th 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	5th -18th 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	20th – 22nd Aug 2011	Multicore Computing : Hands on Exposure to Practical Open MP Programming	AITAM, Tekkali
8	30th – 1st Aug 2012	Infromation Security & Cyber Forensics	AITAM, Tekkali
9	19th Jan, 2013	Outcome Based Education (In compliance with NBA Accreditation)	AITAM, Tekkali
10	21st – 22nd Feb, 2013	Cloud Computing and its Applications	AITAM, Tekkali
11	25th – 30th April, 2013	Android & Its Application (AIA-2013)	AITAM, Tekkali
12	8th – 10th Jan, 2014	Frontiers in Machine Learning Algorithms	AITAM, Tekkali
13	15th & 16th Nov, 2014	Twenty First Century, the Dawn of Digital Era: Pedagogical Issues of Technical Teachers	AITAM, Tekkali
14	15th – 16th Dec, 2014	Software Engineering and Allied Tools in Association with IUCEE, under TEQIP Phase-II	AITAM, Tekkali
15	09th March, 2015	One Day Workshop on Outcome Based Education in Association with IUCEE, Under TEQIP Phase-II	AITAM, Tekkali
16	20th - 25th October, 2016	A One Week Faculty Development Program on ANALYTICS WITH R" under TEQIP Phase-II, during	AITAM, Tekkali
17	12th - 17th November 2018	IoT & Data Analytics" in association with E & ICT Academy, NIT Warangal, Govt. of India	AITAM, Tekkali
18	13th to 14th July,2019	A Two Day Workshop on Outcome Based Education	AITAM, Tekkali
19	17th to 18th 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	13th –19th Dec, 2003	Network Security & Cryptography	7	IIT Delhi
2	8th – 14th May, 2004	Communication Skills for Engineers	7	IIT Kanpur
3	18th – 24th Nov, 2004	Wired & Wireless Communication	7	IIT Kanpur
4	5th – 6th Jan, 2007	Information Security	2	GMRIT, Rajam
5	24th Oct 2009	Network security and embedded system	1	JNTU, Kakinada
6	23rd Jan 2010	Cryptography algorithms for banking and mobile computing	1	JNTU, Kakinada
7	23rd Mar, 2012	INSPIRE	1	INFOSYS, Hyderabad

8	7th & 8th Sep, 2012	National Seminar on Cloud Computing NSCC – 2012	1	GITAM University
9	1st to 15th May, 2013	Research Methodologies	15	JNTUK, Kakinada
10	16th to 30th May, 2013	IPR	15	JNTUK, Kakinada
11	27th to 31st Jan, 2015	Research Challenges and Issues in Big Data and Cloud Computing	5	JNTUK-UCE, Vizianagaram
12	22nd 27th June, 2015	Management Capacity Enhancement Program	6	IIM, Kozhikode
13	7th to 11th Dec, 2015	MoT in Cyber Security AnalystModule – I	5	APSSDC & NASSCOM at CU, Hyderabad
14	5th to 10th July, 2016	MoT in Cyber Security AnalystModule – II	5	APSSDC & NASSCOM at ANU, Guntur
15	14th to 18th Dec, 2016	MoT in Cyber Security AnalystModule – III	5	APSSDC & NASSCOM at JNTUK, Kakinada
16	29 Sep 2018	ICYCON- Cyber SecurityConference	1	Sree Vidhyaniketan, Tirupati
17	25th to 29th Apr, 2020	Internet of Things	5	AICTE ATAL
18	29th Apr to 03rd May, 2020	Basics of R Programming	5	IIT Bombay Spoken Tutorial
19	11th to 15th May, 2020	Block Chain	5	AICTE ATAL
20	21st to 27th May, 2020	Computer and Communication Networks	7	SRIT, Chennai
21	28th May to 1st June, 2020	Cyber Security	5	Vignan & Supraja Tech.
22	24 Aug – 05 Sep 2020	Python Programming	14	APSSDC
23	16 Aug – 04 Sep 2021	Internet of Things	20	APSSDC
24	19th Sep to 18th Oct 2021	Internet of Things Master Class	30	APSSDC and Pantech e Learning
25	25th to 30th Oct 2021	Artificial Intelligence and Machine Learning	1 Week	E&ICT Academy IIT Guwahati
26	16th to 20th Nov 2021	Advanced Security Techniques for Next Generation Computing	1 Week	CMRIT, Hyderabad
27	22nd to 27th Nov 2021	Outcome Based Education	1 Week	Auxilium College (Autonomous), Vellore in association with ipsr solutions limited

28	19th to 24th April 2022	Enhancing Quality by unearthing innovative Practices EQUIP 2022	1 Week	IQAC Cluster of Mannar and APC
29	20/09/2022 to 21/10/2022	Data Science Master Class	30	APSSDC, Skill AP
30	24/09/2022 to 30/09/2022	Machine Learning and Soft Computing approaches for real time applications	1 Week	AITAM, NITW
31	21/11/2022 to 25/11/2022	MATLAB - Artificial Intelligence and Optimisation Techniques	1 week	NITTTR
32	19-Dec-2022 to 23-Dec-2022	Software Test Automation	1 week	TCS
33	14/11/2022 to 18/11/2022	Curriculum Development Processes	1 week	NITTTR
34	20/02/2023 to 24/02/2023	Planning, Execution and Evaluation of Project Work	1 week	NITTTR

SIGNATURE