

Curriculum vitae



Dr. Raju Ch

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Hyderabad

Fields of Research interest

- Distributed Computing
- Cloud Computing
- IoT (Internet of Things)
- Peer to Peer Computing

Educational Degrees

Ph.D Department of Computer Science and Engineering, Osmania University, Hyderaad, in 2024

Thesis: A novel technique to enhance the security at different levels of IOT by implementing with two stage authentication with hybrid algorithm

M.Tech Master of Technology(Computer Science and Engineering) from ANURAG group of institutions (formerly cvsr engineering college),JNTUHyderabad in 2012.

M.Sc Master of Science in Information Systems from Viveka Vardhini Pg college, Osmania University Hyderabad, in 2004

TS-SET Qualified TS-SET-2023 in Computer Science and Applications conducted by osmania university in the month of Oct-2023 on behalf of TSCHE, Govt of Telangana

B.C.A Bachelor of Computer Applications from Vijetha Degree College, Osmania university
Miryalaguda,Nalgionda dist

Professional Experience

Around 15+ Years of teaching experience that includes training students on various programming languages and various Core Computer science and Engineering platforms.

List of publications

Journal papers

S.NO	Title Of Journal	Name of the Author	Name of the Journal	Volume & Issue	Year of Publication
1	Analysis of Machine Learning Techniques & Emergence of Intrusion Detection System	Dr.Raju Ch	International Journal Of Engineering And Computer Science	ISSN:2319-7242 Volume 2. Issue 11 Nov.2013 Page No. 3352-3360.	2013
2	Requirement Engineering – Monitoring Elicitation Technique for End Product Software	Dr.Raju Ch	International Journal of Emerging Trends & Technology in Computer Science	Volume 3, Issue 1, January – February 2014, ISSN 2278-6856	2014
3	Cloud Computing – Comparative Analysis on Privacy Public Auditing Shared Data	Dr Raju Ch	International Journal of Advanced Technology and Innovative Research	ISSN 2348–2370, Vol.07,Issue.14,October-2015, Pages:2826-2830	2015
4	Analysis of Parsing Techniques & Survey on Compiler Applications	Dr Raju Ch	International journal of computer science and mobile computing	ISSN: 2320-088X Volume 2, Issue 10, October 2013.	2013

5	A Study on Blocking Abnormal Activities in Wireless Networks	Dr Raju Ch	ISO 9001:2008 Certified International Journal of Engineering and Innovative Technology (IJEIT)	ISSN: 2277-3754 Volume 3, Issue 11, May 2014	2014
6	survey on security level in authentication of iot based using machine learning	Dr Raju Ch	international Journal of Advances in Engineering and Management	volume IX Issue V, apr/2023,page no 937, issn no 2249-7455	2023
7	Security Framework for IoT Implementing RandomForest Classifier	Dr Raju Ch	International Journal on Recent and Innovation Trends in Computing and Communication	ISSN: 2321-8169 Volume: 11 Issue: 9 Article Received: 25 July 2023 Revised: 12 September 2023 Accepted: 30 September 2023	2023
8	Real-Time Security Threat Detection in IoT Devices Using Machine Learning Algorithms	Dr.Raju Ch	International Journal of Scientific Research in Science and Technology	Issue Volume 10, Issue 6 November-December-2023 Page Number 01-09	2023

Project guided

Guided More than 100 UG and PG students on Projects (Recent Trends in Research) Current Trends of Research.

Workshop/FDP Attended

- 1) One week AICTE Training And Learning (ATAL) academy online FDP on "DATASCIENCES" from 24-08-2020 to 28-08-2020.
- 2) One week AICTE Training And Learning (ATAL) academy online FDP on "ARTIFICIAL INTELLIGENCE" from 14-09-2020 to 18-09-2020.
- 3) One week AICTE Training And Learning (ATAL) academy online FDP on "BLOCK CHAIN TECHNOLOGY" from 07-09-2020 to 11-09-2020.
- 4) Three day national level workshop on "DEEPLARNING" conducted by MALLAREDDY ENGINEERING COLLEGE. From 21-08-2020 to 23-08-2020

- 5) One week national level online workshop on “AZURE SERVER LESS COMPUTING” by MAHATHMA GANDHI INSTITUTE OF TECHNOLOGY in COLLABORATE with WILMA TECHNOLOGIES from 10-08-2020 to 14-08-2020.
- 6) One week short term training programme on “ADVANCED DEEPLARNING TECHNIQUES WITH PYTHON” sponsored by AICTE and conducted by ANURAG group of institutions.
- 7) One week national level faculty development programme on “CYBERSECURITY” conducted by GUDLAVALLERU ENGINEERING COLLEGE.AP from 22-07-2020 to 26-07-2020.
- 8) One week national level faculty development programme on “ARTIFICIAL INTELLIGENCE APPLICATIONS THROUGH MACHINE LEARNING” conducted by BALAJI INSTITUTE OF TECHNOLOGY AND SCIENCE from 14-07-2020 to 18-07-2020.
- 9) One week national level faculty development programme on “MACHINE LEARNING using PYTHON” conducted by HYDERABAD INSTITUTE OF TECHNOLOGY AND MANAGEMENT from 06-07-2020 to 11-07-2020.
- 10) TWO DAY national level workshop on “STATISTICAL ANALYSIS USING R” conducted by IDMBBA from 27-06-2020 to 28-06-2020.
- 11) Three day faculty development programme on “DATASCIENCE using PYTHON” conducted by RGUKT-AP from 24-06-2020 to 26-06-2020.
- 12) One week faculty development program on “BUSINESS ANALYTICS USING PYTHON” conducted by TKR COLLEGE OF ENGINEERING and TECHNOLOGY from 22-06-2020 to 26-06-2020.
- 13) One week workshop on “DATASCIENCE USING PYTHON” conducted by CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY” from 22-06-2020 to 26-06-2020
- 14) One day online workshop on “BIGDATA AND ARTIFICIALINTELLIGENCE” conducted by “INSTITUTE OF LEADERSHIP AND GOVERNANCE-THE MAHARAJA SAYAJI RAO UNIVERSITY OF BARODA” GUJARATH. On 31-05-2020.
- 15) One day faculty development programme on “CYBERSECURITY” by VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY” in collaboration with “INDIAN SERVERS”.on 14-05-2020.
- 16) One day webinar on “BIGDATA vs DATA ANALYTICS vs DATASCIENCE” conducted by “NARSARAOPET ENGINEERING COLLEGE”,GUNTUR, ANDHRAPRADESH on 08-06-2020.

- 17) Three day online national level workshop on “THE FUTURE TECHNOLOGY STACK –AI,ML and NLP” conducted by SAI SPURTHI INSTITUTE OF TECHNOLOGY -JNTUH from 08-06-2020 to 10-06-2020.
- 18) Three day national webinar on” MACHIENE LEARNING” conducted by “PARVATHANENI BRAHMAYYA SIDDARDHA COLLEGE OF ARTS AND SCIENCE” from 07-06-2020 to 09-06-2020.
- 19) 5 days faculty development programme on “artificial intelligence and machine learning” conducted by CMR TECHNICAL CAMPUS IN collaborated with BLOCK BUCK ENGINEES” from 18-05-2020 to 22-05-2020.
- 20) One week faculty development programme on “ARTIFICIAL INTELLIGENCE” Conducted by VARDHAMAN ENGINEERING COLLEGE IN collaboration with BRAIN O VISION SOLUTIONS INDIA PVT LTD” from 22-05-2020 to 26-05-2020.
- 21) 5 days international faculty development programme on “online teaching tools for video lecturing and digital e-learning.conducted by sri CR REDDY COLLEGE – ELURU from 19-05-2020 to 23-05-2020
- 22) One week webinar on “MACHIENE LEARNING” conducted by UNIVERSITY COLLEGE OF ENGINEERING,OSMANIAUNIVERSITY in collaboration with IEEE computer society from 14-09-2020 to 19-09-2020.
- 23) One week hands faculty development programme on “ARTUFUCIAL INTELLIGENCE USING PYTHON” conducted by ST.MARY’S INTEGRATED CAMPUS,JNTUH from 14-09-2020 to 19-09-2020.
- 24) 2 weeks National Wide Faculty Development Programme on BIG DATA ANALYTICS in ACE Engineering College conducted by AICTE, New Delhi in the month of September, 2016.
- 25) 1 week Faculty Development Programme on TEACHING SKILLS conducted by Telengana Academy for Skill and Knowledge (TASK), in Hyderabad in the month of December, 2016.
- 26) days seminor on BIG DATA and DATA MINING conducted by Nizam college in the month of August, 2016.
- 27) 2 weeks National Wide Workshop on Research Methodologies. Conducted by IIT - Bombay through ICT Sponsored By Govt Of India.in Dec2012.
- 28) 1 week State wide Workshop on Dataminig Conducted by Layola Degree and PG College,Hyderabad in 2009.

- 29) 1 week State Wide Workshop on Middle ware Technologies. Conducted by RG Kedia College of Computer Applications,Hyderabd,in 2008.
- 30) 2 weeks National Wide Workshop on COMPUTERPROGRAMMING. Conducted by IIT -Bombay through ICT Sponsored By Govt Of India.in March 2013.
- 31) 3 days National Wide Workshop on RECENT ADVANCED TRENDS IN CLOUD COMPUTING. Conducted by MAHATHMA GANDHI UNIVERSITY, Nalgonda Sponsored by UGC in Dec2014.
- 32) 1 week National Conference on BIGDATA ANALYTICS and CLOUD COMPUTING conducted by University College of Engineering Osmania University in Dec 2015.

Innovative in Teaching

- Allow for spontaneous interactions. For example, during small group or large group discussions.
- Allow students to discuss freely without offering too much feedback.
- Create time for informal class opportunities; for example, provide time for students to talk and get to know each other. This can be through small group discussion, games, and hands on activities during class time
- Learn everyone's names and make sure everyone in the class knows each other's names as well. If possible, arrange chairs in a circle so students can see one another.
- Encourage students to be intrinsically motivated; for example, one professor noted the use of a Facebook page where students could have discussions based on the course topic.
- Even after the course ended, the students continued to post to the course Facebook page Have students facilitate a roundtable discussion
- Talk to other faculty and find out things they have tried and what worked and what did not work

Declaration

I can do the job with great sense of responsibility and always try to make a positive contribution and efforts to prove myself as an asset to the organization.

Place: Hyderabad

Date:

(Dr. RAJU CH)