

Name of Faculty: Dr. G. JAYA RAO

Designation: Assistant Professor

Nature of Job/Appointment: Regular

Date of Joining: 02-01-2023

E-mail: jayaraog_cet@cbit.ac.in



Education Qualifications:

	Name of the Degree
Ph. D	Doctor of Philosophy (CSE)-NITW
PG	M. Tech. (CE)
UG	B. Tech(CS&IT)

Class

Awarded
First Class
First Class with
Distinction

Work Experience:

Teaching	13 Years
Research	5 years
Industry	--
Others	--

Area of Specialization: Cloud Computing, Information Security, Cryptography

Professional Memberships: 1. Life Member, ISTE. (LM112108)
2. IAENG:332221

Responsibilities held at
Institution Level:
Responsibilities held at
Department Level:
Research Guidance:

Awards Received: 1. Qualified APSET-2012.
2. Received IDRBT Fellowship (During PhD) from July 2016 to May 2021.

Courses Handled at Under
Graduate / Post Graduate
Level Discrete Mathematics, Data Structures, Design and Analysis of Algorithms,
Cloud Computing, Formal Languages and Automata Theory, MFCS, Object
Oriented Programming using C++, Compiler Design, Computer Networks, Object
Oriented Analysis & Design (UML), Foundation of Cryptography.

No. of Papers Published International & National Journals – 04
International & National Conference –03

Projects Carried out

Patents

Technology Transfer NIL

Invited Speaker 1. Resource person on "Introduction to Cryptography" in Knowledge sharing
session at VNRVJIET on 17th Oct 2021.

No. of Books/Chapter Published with details NIL

Details of Short-Term
Training Programs/Faculty
Development **Workshops/Seminars Organized**
Programs/Seminars/Worksho
ps. Other Trainings
(Attended and/or Organized).

Workshops/Seminars Attended:

1. Participated in Online FDP on "Smart Contract and Blockchain Technologies" 30th January – 10th February 2023
2. Participated in FDP on "Cyber Security and Ethical Hacking" 25th JULY-29th JULY 2022.
3. Participated in FDP on "Ethical Hacking "organized by Dept. of CSE, VNRVJIET from 8th -13th AUGUST 2022.
4. Participated in FDP on "Cyber security and Ethical hacking" organized by Dept. of CSE, Chandigarh University from 25th July_29th July 2022.
5. Attended International Conference on Identity, Security and Behavior

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- Analysis (ISBA), organized by IDRBT, Hyderabad from 22-24 January 2019.
6. Participated in a 3-Day National Conference on “Recent Advances in Modelling Expert Systems (RAMES)” conducted by Dept of CSE, NIT Warangal from 26th to 28th June, 2018
 7. Participated in FDP on “Foundations of Cryptography” organized by Dept of CSE, NIT Warangal from 19-30 December 2016.

. Details of Journal Publications/ Conferences (National and International)

International/National Journals:

1. **Gudeme JR, Pasupuleti SK, Kandukuri R (2019)” Review of remote data integrity auditing schemes in cloud computing: taxonomy, analysis, and open issues”.** Int J Cloud Comput,8(1):20–49 <https://doi.org/10.1504/IJCC.2019.097893> [Indexing:SCOPUS]
2. **Gudeme, J.R., Pasupuleti, S.K. Kandukuri, R. (2020), Attribute-based public integrity auditing for shared data with efficient user revocation in cloud storage.** J Ambient Intelligence and Human Computing, Springer, <https://doi.org/10.1007/s12652-020-02302-6>. [Indexing: SCIE, SCOPUS, IF=4.594].
3. **Gudeme, J.R., Pasupuleti, S.K. Kandukuri, R. (2021), Certificateless multi-replica public integrity auditing scheme for dynamic shared data in cloud storage.** Computers & Security. Elsevier, 103, <https://doi.org/10.1016/j.cose.2020.102176>: 102176. [Indexing: SCIE, SCOPUS, IF=3.579]
4. **Gudeme, J.R., Pasupuleti, S.K. Kandukuri, R, Certificateless Privacy Preserving Public Auditing for Dynamic Shared Data with Group User Revocation in Cloud Storage** Journal of Parallel and Distributed Computing, Elsevier. <https://doi.org/10.1016/j.jpdc.2021.06.001> . [Indexing: SCI, SCOPUS, IF=2.296]

International /National Conferences:

1. **Gudeme Jaya Rao, Syam Kumar Pasupuleti, and Ramesh Kandukuri,”Public Integrity Auditing for Shared Data with Efficient and Secure User Revocation in Cloud Computing.”** 2018 International Conference On Advances in Communication and Computing Technology (ICACCT). IEEE, 2018. (Indexing: SCOPUS)
2. Adouth Vamshi, **Gudeme Jaya Rao**, Syam Kumar Pasupuleti, and R Eswari,” **EPF-CLPA: An Efficient Pairing-Free Certificateless Public Auditing for Cloud-based CPS”** 2021. 5th International Conference on Intelligent Computing and Control Systems (ICICCS). IEEE, 2021. (Indexing: SCOPUS)
3. D. Suguna Kuamari, B. Srinivasulu , G. Srinivas , **G. Jaya Rao** “VNC Viewer Authentication and Security Using Remote Frame Buffer Protocol” Int. Journal of Engineering Research and Applications” ISSN : 2248-9622, Vol. 3, Issue 6, Nov-Dec 2013, pp.1007-1011

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