

Name of Faculty Dr. S CHINA RAMU
 Designation Professor
 Nature of Job/Appointment Regular
 Date of Joining 18 – 06 – 1998
 E-mail chinaramu_cse@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Computer Science Engineering)	Awarded
PG	M. Tech. (Computer Science Engineering)	First
PG	Master of Computer Applications	First
UG	B. Sc. (with Electronics)	First

Work Experience

Teaching	24 Years (Including Research Experience)
Research	10 years
Industry	--
Others	--

Area of Specialization Mobile Databases, Data Science and Data Analysis

Professional Memberships FM IETE No-F-501825
 Member, IAENG Number: 225894

Responsibilities held at Institution Level

1. Worked as In-Charge, Academics and Examinations, from 03-08-2017 to 26-08-2019.
2. Worked as Convener, WBC, from 03-08-2019 to 26-03-2021
3. Convenor, Malpractice Committee, from 03-08-2018 to 26-08-2019.
4. Nodal Officer, PMSSS, from 03-08-2017 to 26-08-2019.
5. Member, Academic Council, from 03-08-2018 to 26-08-2019.
6. Convenor, NIRF, from 14-11-2018 to 26-08-2019.
7. Convenor, ARIIA, from 14-11-2018 to 26-08-2019.
8. Worked as Co-In-Charge, Academic and Examinations in from 01-03-2010 to 31-03-2013.

Responsibilities held at Department Level

1. Member - Board of Studies,
2. Member - Course Expert Group

Research Guidance One Research Scholar work is in progress

Awards/Appreciations Received Appreciation Certificate from AICTE – Member, Independent Expert Committee for Evaluating the Solutions/Courses of NEAT 2.0

Courses Handled at Under Graduate / Post Graduate Level. Software Engineering, DBMS, OOSD, Decision Theory, Data Structures, Operations Research, and Fundamentals of Programming Languages

No. of Papers Published National Journals – Nil International Journals – 28

National Conference – 01 International Conference – 02

Projects Carried out --

Patents

1. Patent published: Application No. 202141038591 Title of the invention: Real Time Multi Class Cardio Arrhythmia Classification, Based on DNN Implemented in the IoT Cloud Platform. Name of Inventors: 1) K. Jaya Sankar, 2) Dr. C. Ramesh Kumar Reddy, 3) S. China Ramu, 4) Buddha Chandra Sekhar, 5) M. V. Ramana Murthy, 6) B. Venugopal Rao, 7) P. Sathyanarayana, 8) Syed Salahuddin.
2. Patent published: Application No.202141042980 Title of the invention: Smart Agriculture Using Sensors in Internet of Things (IOT) Name of Inventors: 1) K. Jaya Sankar, 2) Dr. C. Ramesh Kumar Reddy, 3) S. China Ramu, 4) Dr.S. Jeelani, 5) Dr.Hanmant Sambhaji Fadewar 6) Dr. A. Prema, 7) P. Sathyanarayana, 8) M. V. Ramana Murthy, 9) Bhaskar Niraghatam.
3. Patent published: Application No.202141052788 A; Title of the invention: WSN Framework Internet of Things (IoT) for Energy Efficient and Reliable Sustainable Agricultural Production, 1) Dr.

C. Ramesh Kumar Reddy, 2) S. China Ramu, 3) Dr.Hanmant Sambhaji Fadewar 4) Dr.S. Jeelani, 5) P. Sathyanarayana 6) Bhaskar Niraghatam, 7) S. Ramana , 8) Shaik Mahaboob Sharief, 9) M. V. Ramana Murthy

Technology Transfer

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Invited Speaker / Guest Faculty / Resource Person

1. Resource person for the AICTE-STTP on “Data Science for Big Data Analytics in Cloud using Advanced Tools”, CSE Dept. CBIT, 18-12-2021.
2. Keynote Speaker talk on “Understanding of Case Study Concept in Software Engineering” in International Conference on Electrical Electronics Mechanical and Computing (ICEEMC2019), Indore, 29th & 30th March, 2019.

No. of Books/Chapter Published with details

1. Published Four Chapters -- Book Titled “Perspectives of IoT & its Applications”, 2021, Archers & Elevators Publishing House
2. Published One Chapter -- Book Titled “Network Security: Perspectives and Challenges”, 2019, Archers & Elevators Publishing House.

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

1. Participated in “One-Day FDP on Real Time Machine Learning Techniques and its Applications” organized by the School of Electronics Engineering at VIT-AP University, Amaravati on 25th July 2022
2. Participated in "International Conference on Computational Intelligence and Sustainable Development - 2022" entitled Comparative Study of Linear and Non-Linear Time Series Data using Ensemble Model for Covid19, CHAITANYA (DEEMED TO BE UNIVERSITY) during 22-23 April, 2022
3. Participated in Webinar on “ Data Science Basics and its Applications” organized by MIT, Meerut, 26th Feb 2022
4. Successfully completed AICTE - ISTE Sponsored 6-days Online Induction Program on Value Based Education System – Current and Future Scenario, organized by Panimalar Institute of Technology, Chennai during December 13- 18, 2021
5. Successfully completed AICTE Sponsored 6-days Short Term-Training Program on Professional Communication, organized by Birla Institute of Technology, Mesra during March1- 6, 2021
6. Successfully completed AICTE Sponsored 6-days Short Term-Training Program on Professional Communication, organized by Birla Institute of Technology, Mesra during March1- 6, 2021
6. Successfully completed 10 days FDP ” Blockchain Technology & Its Applications”, conducted by EduxLabs in association with E-Cell, IIT - Hyderabad during From 2nd March to 14th March 2021 (6 PM to 9 PM IST)
7. Organized AICTE Sponsored 6-days Short Term-Training Program on “Data Science for Big Data Analytics in Cloud using Advanced Tools” during 23rd to 28th November, 2020 and 14th – 19th December, 2020.
8. Participated in University Distinguished Lecture titled “Higher Education in India in the Post COVID-19” delivered by Prof. Anil D. Sahasrabudhe, Chairman of AICTE, organized by SRM University-AP, in association with India’s national newspaper, "The Hindu" held on 05th JUNE 2021
9. Participated in University Distinguished Lecture titled “Science & Technology for Healthy Life and Planet” delivered by Prof. Seeram Ramakrishna, FREng Everest Chair, National University of Singapore and organized by SRM University-AP held on 20th March 2021.
10. Organized International Webinar/One Week Online FDP on “Role of Machine Learning & Data Sciences in AI” during 28th June, 2020 to 02nd July, 2020
11. Successfully Completed “Software Requirements Prioritization: Risk Analysis” an online non-credit course authorized by University of Colorado System and offered through Coursera on 23-05-2020

International/National Journal/conference from the year 2018

1. Shivratri Rao, S. China Ramu, “Comparative Study of Linear and Non-Linear Time Series Data Using Ensemble Model For COVID19”, SSRN, July 06, 2022
2. Ramana, S., Dr. S. China Ramu, Bhaskar, N., Murthy, M.V.R., Reddy, C.R.K. “A Three-Level Gateway Protocol for Secure M-Commerce Transactions using Encrypted OTP” International Conference on Applied Artificial Intelligence and Computing ICAAIC 2022, ISBN:978-1-6654-9709-1, 1415-1423, 978-1-6654-9710-7/22/\$31.00 ©2022 IEEE

3. K. Jaya Sankar, M.V Ramana Murthy, S. China Ramu, G. Kumara Swamy and A. Swathi, "Qualitative Analysis and Modeling of Advanced Vertical MESFET in Deep Submicron Technology", *Positif Journal*, ISSN No: 0048-4911, Vol 22, Issue 6, 2022
4. S. Ramana, S. China Ramu, N. Bhaskar, M.V. Ramana Murthy, "A Two-level Authentication Protocol for Secure M-Commerce Transactions using Encrypted OTP", *Kalahari Journals*, ISSN: 0974-5823, Vol. 7, No.3, March, 2022
5. Shivaratri Narasimha Rao, Dr. S. China Ramu, "Linear Ensembling of Time Series Ecological Variables of COVID 19", *Kalahari Journals*, ISSN: 0974-5823, Vol:7, No:2, February 2022
6. Srinivasachary Sirisinahal, MV Ramana Murthy, S.China Ramu, C R K Reddy, "Improvement of Data Security and Privacy in the Wireless Sensor Network Using Elliptical Curve Cryptography", *Kalahari Journals*, ISSN: 0974-5823, Vol:7, No:1, January 2022
7. Srinivasachary Sirisinahal, MV Ramana Murthy, S China Ramu (2021) "Usage of Elliptic Curve Cryptography Technique for the Data Security and Privacy in the Wireless Sensor Network", *Nat.Volatiles & Essent. Oils*, Volume 08, Issue 04 pp. 6208-6213.
8. Shivaratri Narasimha Rao, S. China Ramu (2021) "A Survey on Time Series Prediction using Machine Learning", *Journal of Cardiovascular Disease Research*, ISSN: 0975-3583, 0976-2833 VOL 12, Issue 03, pp. 1329-1336.
9. P. Regina. M. V. Ramana Murthy, and S. China Ramu (2021) "Risk Prediction of Covid-19 based on Medical Reports", *GIS Science Journal*, ISSN NO: 1869-9391, Volume 08, Issue 04 pp. 433-445, DOI: 20.18001.GSJ.2021.V8I4.21.36920.
10. S Ramana, N. Bhaskar, S. China Ramu, and M. V. Ramana Murthy (2021) "A Two-Level Authentication Protocol for Secure M-Commerce Transactions using AMQP Protocol" ISSN: 0011-9342 Year 2021 Issue: 6, pp. 844- 861
11. S. China Ramu, N. Srinivas, K. Jaya Sankar and M.V. Ramana Murthy (2020) "ADAPTIVE SPATIAL-TEMPORAL FILTER (ASTF) AND ENHANCED RECURRENT NEURAL NETWORK (ERNN) FOR VIDEO SUMMARIZATION". *Congratulations, Journal of Critical Reviews*, ISSN- 2394-5125, Volume 07, Issue 04 pp. 1417-1436.
12. Bhaskar Niraghatam, S. China Ramu, V. Subba Ramaiah and M. V. Ramana Murthy (2020) "High productivity and Safety in Aquaculture using IoT", *Journal of Xidian University*, ISSN No:1001-2400, Volume 14, Issue 4 pp. 2208-2216.
13. Bhaskar Niraghatam, M. V. Ramana Murthy, S Ramana, and S. China Ramu (2020) "Efficient Load Balancing approach in Cloud Computing using Honey Bee algorithm", *Journal of Interdisciplinary Cycle Research*, ISSN NO: 0022-1945, Volume XII, Issue I pp. 479-483
14. N Bhaskar, G R Rama Devi, S. China Ramu, M. V. Ramana Murthy, and N Vaageeswar (2019) "Resource Management in Fog Networking of Cloud Computing using KNN Algorithm", *International Journal on Future Revolution in Computer Science & Communication Engineering*, ISSN: 2454-4248, Volume 5 Issue 7 pp. 20 – 24
15. P. Regina, S. China Ramu, M. V. Ramana Murthy, C. R. K. Reddy (2019), "Extended algorithms for mining frequent patterns using Decision tree in R" *International Journal of New Innovations in Engineering and Technology*, ISSN: 2319-6319, Volume 10 Issue 4 pp. 13-19
16. S. Ramana, N Bhaskar, M. V. Ramana Murthy, and S. China Ramu (2019) "Mobile Commerce using ECC and MQTT Protocol", *IAPE-19, Oxford United Kingdom*, ISBN: 978-1-912532-05-6, pp. 1-9
17. Lakshmi Sreenivasa Reddy D, and S. China Ramu (2018) "Identification of Rare Diseases: An Outlier Analysis Approach", *International Journal of Applied Engineering Research*, ISSN 0973-4562, Volume 13, Number 14 pp. 11448-11453.
18. P. Satyanarayana, M.V. Ramanamurthy, S. China Ramu, and Mustafa Abdu Lrazzaq Radhi Almusawi (2018) "Secure Data Access in cloud with Multi-User Encrypted SQL Operations", *International Journal of Applied Engineering Research*, ISSN 0973-4562, Volume 13, Number 7 pp. 4791-4795.
19. K. Ramesh Babu, S. China Ramu, and M. V. Ramana Murthy (2018) "Understanding of case study concept in Software Engineering", *International Journal of Latest Trends in Engineering and Technology*, e-ISSN:2278-621X, Volume 10 Issue 1 pp.175-181.
20. Suvarna Lakshmi C, M.V. Ramanamurthy, Rajani Bellamkonda, and S. China Ramu (2018) "A Hybrid of Improved Bulls and Weighted Round Robin to optimize the Leader and load Balancing in Cloud and Distributed Computing Environment", *International Journal on Future Revolution in Computer Science & Communication Engineering*, ISSN: 2454-4248, Volume 4 Issue 1 pp. 09 – 16