

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	06 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. Convener, Malpractice Committee, from 03-08-2018 to 26-08-2019.
  4. Nodal Officer, PMSSS, from 03-08-2017 to 26-08-2019.
  5. Coordinator, NAD, from 03-08-2018 to 26-08-2019
  6. Member, Academic Council, from 03-08-2018 to 26-08-2019.
  7. Convenor, NIRF, from 14-11-2018 to 26-08-2019.
  8. Convenor, ARIIA, from 14-11-2018 to 26-08-2019.
  9. 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, Data Structures, Mobile Computing, Operations Research, and Fundamentals of Programming Languages

No. of Papers Published National Journals – Nil International Journals – 19

National Conference – 01 International Conference – 01

Projects Carried out --

Patents 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.

Technology Transfer --

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), 29<sup>th</sup> & 30<sup>th</sup> March, 2019.

Invited Speaker / Guest Faculty / Resource Person

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. Successfully completed AICTE Sponsored 6-days Short Term-Training Program on Professional Communication, organized by Birla Institute of Technology, Mesra during March1- 6, 2021
2. Successfully completed 10 days FDP "Blockchain Technology & Its Applications", conducted by EduX Labs in association with E-Cell, IIT - Hyderabad during From 2<sup>nd</sup> March to 14<sup>th</sup> March 2021 (6 PM to 9 PM IST)
3. Organized AICTE Sponsored 6-days Short Term-Training Program on "Data Science for Big Data Analytics in Cloud using Advanced Tools" during 14<sup>th</sup> – 19<sup>th</sup> December, 2020.
4. Organized AICTE Sponsored 6-days Short Term-Training Program on "Data Science for Big Data Analytics in Cloud using Advanced Tools" during 23<sup>rd</sup> to 28<sup>th</sup> November, 2020.
5. Participated in the 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 05<sup>th</sup> JUNE 2021
6. Participated in the University Distinguished Lecture titled "Science & Technology for Healthy Life and Planet" delivered by Prof. Seeram Ramakrishna, FEng Everest Chair, National University of Singapore and organized by SRM University-AP held on 20<sup>th</sup> March 2021.
7. Participated in the University Distinguished Lecture titled " Art of Science in the Time of Virus and Beyond: The Brave New World " delivered by Prof. Ashutosh Sharma , Secretary, Department of Science and Technology (DST), Government of India and organized by SRM University-AP held on 05<sup>th</sup> Dec 2020
8. Organized International Webinar/One Week Online FDP on "Role of Machine Learning & Data Sciences in AI" during 28<sup>th</sup> June, 2020 to 02<sup>nd</sup> July, 2020
9. Participated the Leadership Talk with Shri Dipendra Manocha, (Motivational Speaker) held on 27<sup>th</sup> conducted Jun by MHRD's Innovation Cell
10. 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
11. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28<sup>th</sup> April to 22<sup>nd</sup> May 2020.
12. Successfully Completed "Requirements Specifications: Goals and Conflict Analysis" an online non-credit course authorized by University of Colorado System and offered through Coursera on 18-05-2020.
13. Participated the India First Leadership Talk Webinar with Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd., 23<sup>rd</sup> May 2020 conducted by MHRD's Innovation Cell.

#### **International/National Journal from the year 2017**

1. 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.
2. 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.
3. 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
4. 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.
5. 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.
6. 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

7. 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
8. 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
9. 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
10. 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.
11. 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.
12. 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.
13. 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