

Name of Faculty Dr.V.SREE RAMANI
Designation Assistant Professor
Nature of Job/Appointment Contract
Date of Joining 22 - 12 – 2021
E-mail sreeramani_maths@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Mathematics)	Awarded
PG	M.Sc (Pure Mathematics)	First Class
UG	B.Sc	First Class

Work Experience

Teaching	20Years
Research	5years
Industry	--
Others	--
Area of Specialization	Algebraic structures, Graph theory and Cryptography
Professional Memberships	-
Responsibilities held at Institution Level	-
Responsibilities held at Department Level	-
Research Guidance	-

Awards Received Awarded as Best teacher for 3 times in 2009,2012,2013

Courses Handled at Under Graduate / Post Graduate Level.
UG Level: LINEAR ALGEBRA, DISCRETE MATHEMATICS, M-1, M-2 NUMERICAL ANALYSIS, CALCULUS-I, II, PROBABILITY AND STATISTICS, COMPLEX ANALYSIS, SMDA, MFCA, and MFDS THEORY AND LAB

PG Level: FUNCTIONAL ANALYSIS, LINEAR ALGEBRA, DISCRETE STRUCTURES.

No. of Papers Published
National Journals – International Journals – 7
National Conference – 02 International Conference –

Projects Carried out

Patents 2

1	Dr.V.Sree Ramani and 9 others	"Fast statistical imaging reconstruction by algebraic reconstruction technique"	202241020086 Date:2\4\22	Recreating medical visuals	15\4\2022
2	Dr.V.Sree Ramani and 10 others	"Modelling of Website using Graph Theory"	202241045049 Date:6\8\22	Designing Website	12\8\2022

Technology Transfer

DEVELOPED A VIDEO COURSE ON CVSM
http://bit.ly/cvsm_me

Invited Speaker

Invited Speaker in a National level one week FDP Programme on the Topic Essential Mathematics For Machine Learning" and SVD conducted from 5th to 9th February 2024

No. of Books/Chapter Published with details

An Infinite Research-published book titled "Statistics in Data Science" is now available, featuring ISBN 978-81-967685-7-7 (2023)

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

1. Attended 14th congress of APSMS at GITAM UNIVERSITY (vizag) from 09-sep-2005 to 11-sep-2005.
2. Attended National Conference on Mathematics and its Applications to Engineering at Vasavi College of Engineering, Hyderabad from 10-mar-2008 to 11-mar-2008.
3. Attended one day Faculty Development Programme at Vasavi College of Engineering, On 3rd August 2013.
4. Attended 22nd congress of APSMS and presented a paper on "Decomposition of C-ALGEBRA" At Anurag Group of Institutions Hyderabad in Sep 2013.
 - Attended International Conference on Mathematics and its Applications at SV UNIVERSITY, TIRUPA

T and Presented a paper on "B-ORTHOLATTICES" From 13-sep-2015 to 15-sep-2015.

- Attended 6 days faculty development Programme on "OUT COME BASED EDUCATION" JOINTLY CONDUCTED BY NIT Warangal and Vasavi college of Engineering held on August 12, 13, 15 and in October 15, 16, and 17 of 2017.

- Attended National Conference on "Applications to Engineering Mathematics" at CBIT, GANDIPET, HYD. ON 30 NOV 2018.

- Attended APSMS At Dr. B.R. Ambedkar university for 3 days and presented paper on S-algebra held on November 28-30, 2019

- Participate 3 day online work shop on "symposium on engineering mathematics with MATLAB" organized by IU CEE FOUNDATION from

6th to 8th September 2021

- Participated in the online Management Development Programme "MULTIVARIATE DATA ANALYSIS USING R" held during 25th-30th October 2021.

- National level one day seminar on Research Methodologies in linear algebra for big data analysis on 11-03-22.

- One day FDP on Computational tools for Research in Mathematics on 19-2-2022

- Two Day Faculty in-house training programme at CBIT from 23.04.2022 to 30.04.2022

5. One week MDP on Analytics-Data Driven Decision making organised by National institute of Micro, small and Median Enterprises at CBIT 13-3-2023 TO 17-3-2023
3. National Level One Week Faculty Development Programme on "Recent Trends in Data Science for Engineering" organized by Department of Information Technology, Chaitanya
7. Bharathi Institute of Technology from 26th June 2023 to 30th June 2023.
- 3.

Details of Conferences and International Journal Publications/ (National and

International Journal from the year 2009

1. The article titled "Seasonal Trend Analysis of Major Air Pollutant (PM2.5 and PM10) Concentration in Visakhapatnam During 2020-2022: A Case Study" has been published in the "Indian Journal of Science and Technology," a Web of Science indexed journal with ISSN 0974-6846 (2024)
2. • Contributed to the International Journal for Multidisciplinary Research (IJFMR) with a paper on "Different Kinds of Fs-Set Function: Images and Inverse Images," appearing in volume 3, 2023
3. A Scopus and Web of Science indexed AIP Conference Proceeding has been released, focusing on "Edge Irregularity Strength of Trees Generated Caterpillars" in 2023.
4. Scopus indexed journal published in "Journal of Mathematical and Computational Science" on "The concept of S-algebra and its Properties", J. Math. Compute. Sci. 11 (2021), No. 5, 5993-6006
5. Paper Published in "BULLETIN OF INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE" on Decomposition of C-algebra through Partial ordering, vol 7, (2017) journal no 62498 (UGC APPROVED JOURNAL).
6. Paper published in "International journal of open problems in Computer science and Mathematics" on Decomposition of an Ortholattice, vol 6, 2016. Journal no: 64 146 (UGC APPROVED JOURNAL).
7. Paper Published in "South East Asian Bulletin Of Mathematics" on Generalized Lattices in 2009. Which is under Web of Science.

