

Curriculum Vitae

Dr. Chandramouli V. Sastry

Assistant Professor (Ad-hoc)
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Educational Back Ground:

Doctor Philosophy: Acharya Nagarjuna University, Department of Statistics, Awarded in Jan, 2016. Title of the Thesis **“On I-Axial Models”**. *Research Directors* Prof. A.V.Dattatreya Rao & Dr. S.V.S.Girija.

Master of Science: Acharya Nagarjuna University, Department of Statistics, M.Sc., (Statistics) with First Class (65%)-2008

Bachelor of Arts : S.K.B.R.College, Amalapuram (affiliated to Andhra University, Visakhapatnam, B.A (Mathematics, Economics, and Statistics) (Around 50%) - 2006.

Specialization:

Circular Statistics, Statistical Inference, Applied Statistics, Statistical Simulation, Statistical Quality Control, Bio-Statistics

Fellowships:

- University Research Fellowship in the year 2011-12 selected under University College of Sciences, ANU.
- UGC-Research Fellowship in Sciences for Meritorious Students (RFSMS) under BSR Scheme for the period Two years of 2013-14 & 2014-15.
- Selected as **"Associate Fellow of A.P. Akademi of Sciences"** for the year 2020.

Teaching experience:

Working as Assistant Professor (Ad-hoc) in the Department of Statistics, Dr. MRAR PG Center, Nuzvid - Krishna University, Machilipatnam from 24 Dec., 2018 to Till date.

Statistician-cum-Assistant Professor in Medciti Institute of Medical Sciences (MIMS), Medchal, Hyderabad from 04 Aug. 2016 to 22 Dec. 2018.

Assistant Professor in St.Mary's Group of Institutions, Chebrolu (v/m), Guntur from 13 August, 2015 to 25 May 2016. Teaching experience in the subject :Statistics to (a) MBA, MCA (b) B. Tech (CSE) (c) Diploma (M. E.) classes.

AS a UGC-Research Fellowship in Sciences for Meritorious Students (RFSMS) under BSR Scheme for the period Two years of 2013-14 & 2014-15. I taught 3 semesters (Distribution Theory, Non-core Statistics) in the Department of Statistics, ANU.

Served as Lecturer in Statistics in Sri Majety Guravaiah Degree College, Guntur from 1st July 2010 to 31st March 2013.

Worked as Lecturer in S.K.B.R.Degree College, Amalapuram for One Year during 2009-2010

Project in M.Sc.,

- “Analysis and Forecasting of Milk and its byproducts of Vijaya Dairy”, Vijayawada, A.P. under the guidance of Prof. A.Vasudeva Rao with 4 Members using Minitab Package.

Course Taught:

- Distribution Theory
- Testing of Hypothesis
- Statistical Methods
- Design of Experiments
- Multivariate Analysis
- Mathematical Statistics
- Computer Intensive Statistical Methods
- Statistical Pattern Reorganization
- Econometrics
- Biostatistics
- Research Methodology (Ph.D. Course Work)

Book Chapters (waiting for publishing) :

Write the Lessons for “Statistics and Computer Application (Theory and Practical)” with Dr. Santhi Sri. K.V. for course M.Sc., (Food Science, Nutrition and Dietetics) in Centre for Distance Education, Acharya Nagarjuna University, Guntur.

Research and Collaborative Consulting:

- Statistical Analysis work help the title “A study on prevalence and Risk Factors of Malnutrition among the school going adolescent children aged 10-16 years in Medchal, Mandal, RR District” by Dr. D.Srinath, of (M.D.) Students in Department of Pediatrics, Medciti Institute of Medical Sciences (MIMS), Medchal, Hyderabad
- Statistical Analysis work or Data Analysis helped around 10 Doctor of Medicine (M.D.) Students in Medciti Institute of Medical Sciences (MIMS), Medchal, Hyderabad.
- Helped around 10 Ph.D. scholars in their Data Analysis in varied Department and Research Directors in ANU such as Human Resource Management (Dr. Nagaraju Battu), Social Work and Sociology (Dr. Y. Ashok Kumar), Zoology (Dr. P. V. Krishna), Botany, Bio-Technology (Dr.P.Sudhakar), Journalism (Dr. G. Anitha), etc., using MS Excel and SPSS and also Research Scholar of Engineering

Knowledge of Statistical Packages:

SAS, R, MATLAB, SPSS, Epi-Info, MINITAB, LaTeX.

Publications Accepted/Appeared in Referred Journals:

- A note on Trigonometric moments of Marshall – Olkin Stereographic Circular Logistic Distribution, (2015), International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072 Vol.2, No. 3, pp. 70 – 73, jointly with Dr. Phani, Y., Dr. Girija, S.V.S. & Prof. (Rtd.) Dattatreya Rao, A.V..
- A note on Trigonometric moments of Stereographic Circular / Semicircular Generalized Gamma Model, (2015), International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), ISSN: 2277 128X, Vol.5, Issue No. 5, pp. 1753-1756, jointly with Dr. Phani, Y., Dr. Girija, S.V.S. & Prof. (Rtd.) Dattatreya Rao, A.V..

- Awareness and practices regarding Swine-flu among individuals attending urban health centre in Medchal-Malkajgiri District, Telangana State, (2018), Journal of Medical Science and Clinical Research, (JMSCR), ISSN (e)-2347-176x, ISSN (p) 2455-1450, jointly with Dr. M. Anusha, Prof. Kusneniwar G.N.
- Relation between fears and phobias and health-a case study on high school students, International Journal of current advanced research (IJCAR), (2018), ISSN (O) 2319-6475, (P) 2319-6505, jointly with Prof. Sankara Pitchaiah Podila
- Relation between stress and gender-a comparative study, (2019), Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162, jointly with Prof. Sankara Pitchaiah Podila.
- Observation on Self-Suggested Fitness Problems in Elderly People in a Rural Place of East Godavari District Mandal, A.P., South India, Vol 12/Issue 68/October 2021, jointly with V. Bhaskara Reddy, P.B. Sudha Lakshmi, D. Vasu Babu, (2021).

Conferences, Workshops, Webinars and Conferences attended

I have attended the more than 35 from 2006 to till date

Membership for Professional Bodies:

- Life Member of Indian Society for Probability & Statistics (ISPS)
- Member of the International Association of Engineers (IAENG) Society of Scientific computing, Member Number: 271115

Invited lectures at national workshop/Guest lecturers:

- “R-Language” for UG Final Year students at Department of Statistics, J.K.C.College (Autonomous), Guntur, A.P.
- “Statistical Data Analysis Using R-Software (SDAR-2020)” as Resource Person and delivered a Lecture organized by Department of Mathematics-BS&H from 20.7.2020 to 24.7.2020

Other Duties Performed:

- Subject experts member of VIGNAN'S University, Vadlamudi, Guntur, (A.P.)
- Subject experts member of Andhra Loyola College - (ALC), Vijayawada, (A.P.)

References:

- 1 Prof. (Rtd.) A.V.Dattatreya Rao, Ph: 9052181919
Ex-OSD , Acharya Nagarjuna University
Guntur. Email id: avdrao@gmail.com
2. Dr. S.V.S.Girija, Ph: 9440632392
Associate Professor, Department of Mathematics
Hindu College, Guntur. Email id: svs.girija@gmail.com