



## CONTACT

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**Vidwan :** 175198

**Name:** P. Rajini

**Department:** Mathematics and Statistics

**Designation:** Assistant Professor

**Qualification:** M.Sc (Statistics), M.Phil, (Ph.D.)

**Experience :** 17 Years

**Areas of Interest:** Testing of Hypothesis and Analysis of Variance, SPSS, R – Programming and Python

### **Publications:**

#### **a) International:**

1. Rajini, A. Santi Rohit Rao, Achutamba, V V V. (2021). Awareness of Big Data in Select Sectors in Hyderabad; India. *Turkish Journal of Computer and Mathematics Education (TURCOMAT)*, 12(9), 2075-2083. <https://turcomat.org/index.php/turkbilmat/article/view/3676>
2. Kavitha Lal, M. Suvarchala Rani, P. Rajini (2020). Factors that Influence the Customer adoption of Fintech in Hyderabad, India. *International Journal of Recent Technology and Engineering (IJRTE)*, 8(5), 2417 – 2423. <https://www.ijrte.org/wp-content/uploads/papers/v8i5/D9114118419.pdf>
3. Lal, K. (2020). STUDENTS' PERCEPTION TOWARDS ONLINE LEARNING IN HIGHER EDUCATION: A STRUCTURAL EQUATION MODELING ANALYSIS. *International Journal of Management (IJM)*, 11(11). <http://paper.researchbib.com/view/paper/274089>
4. Suvalah, S. D., Safiya, F., & Rajini, P. (2019). Bioprospecting indigenous drought mitigating and plant growth-promoting isolates for chickpea cultivation in Telangana, a semi-arid region. *Biopesticides International*, 15(2), 119-127. <https://www.cabdirect.org/cabdirect/abstract/20203266518>
5. Rajini, P. (2019). Recent Trends in Digital Payment. *IJEMR* , 9(8) 1 – 6. <https://ijemr.in/wp-content/uploads/2019/08/Recent-Trends-in-Digital-Payment.pdf>

6. Chandan Babu, N. Rajini, P. (2017). Enhancing Agricultural Productivity with IoT; *International Journal of Advance Research in Science and Engineering*; 6 (1), 88-90.  
[http://www.ijarse.com/images/fullpdf/1504000660\\_BVCNSCS17031\\_Chandan\\_Babu.pdf](http://www.ijarse.com/images/fullpdf/1504000660_BVCNSCS17031_Chandan_Babu.pdf)
7. Chandan Babu, N. Rajini, P. (2017). Comparative Study Between private Sector And Public Sector Banks in The Adoption of Technology In Banking Services - Twin Cities; *IOSR Journal of Business and Management (IOSR-JBM)*, 64-69.  
<http://www.iosrjournals.org/iosr-jbm/papers/Conf.17037-2017/Volume-1/12.%2064-69.pdf>
8. Rajini, P. Chandan Babu, N. Raju Kommarajula. (2018). Overview on Quality Improvement and Quality Assessment; *Special issue of National seminar in New Man International Journal of Multidisciplinary Studies*; ISSN: 2348-1390
9. Rajini, P. Rajeshwari, D. (2018). Role of gender equity in higher education; *Special issue of National seminar in New Man International Journal of Multidisciplinary Studies*; ISSN: 2348-1390
10. Rajini, P. Chandan Babu, N. (2017). Perception of Consumers Towards Fast Food Centers; *PEZZOTTAITE JOURNALS- International Journal of Retailing and Rural Business Perspectives*; 6(1), ISSN: 2279 - 0934
11. Rajini, P. Chandan Babu, N. Raju Kommarajula (2016). Applicability of chi square test in popularity assessment of news papers-a study of Hyderabad. *International Journal of Science and Research (IJSR)*, 5(6), 887-893. <https://www.ijsr.net/archive/v5i6/6061608.pdf>

## b) National

1. Rajini, A., & Jayalakshmi, C. (2021). Modeling Temperature and Precipitation in Hyderabad and Medak Using Copula. *Indian Journal of Science and Technology*, 14(16), 1274-1282. DOI: [10.17485/IJST/v14i16.417](https://doi.org/10.17485/IJST/v14i16.417)
2. Rajini, P., Vennela, C., & Baba, K. (2020). A CRITIQUE SURVEY ON PERSPECTIVE OF WOMEN EN ROUTE READY-TO-EAT FOOD PRODUCTS, HYDERABAD, INDIA. *Solid State Technology*, 63(6), 15733-15741. <https://solidstatetechnology.us/index.php/JSST/article/view/7125>
3. Rajini, P., Babu, N. C., & Ashwini, V. (2019). A Statistical Model-Forecasting the Investment holdings of India. *ADALYA JOURNAL*, 8(11), 947 – 955.  
<https://adalyajournal.com/gallery/85-nov-2331.pdf>
4. Ashwini, V., Babu, N. C., & Rajini, P. (2019). A Study on the Impact of Industrial Revolution 4.0 on Future Jobs of Manufacturing Sector; *ADALYA JOURNAL*, 8(11), 907-914.  
<https://adalyajournal.com/gallery/82-nov-2328.pdf>
5. Rajini, P. (2019). Comparison of estimators of common mean of two normal populations using Monte Carlo simulation. *International Journal of Statistics and Applied Mathematics*, 4(1), 23-28.  
<https://www.mathsjournal.com/pdf/2019/vol4issue1/PartA/4-1-4-418.pdf>

### **Papers Presented: (Last Five Years)**

1. Presented a paper on “Awareness Of Big Data In Select Sectors In Hyderabad, India” in One Day International Conference on CONTEMPORARY ISSUES IN MANAGEMENT STUDIES held on 26<sup>th</sup> March, 2021.
2. Presented a paper on “Comparison of Estimators of Common Mean Variance Ratio Less than One” at International Conference on "Recent Advances in Statistics and Data Science for Sustainable Development", P. G. Department of Statistics, Utkal University, Odisha on 21-23rd Dec, 2019.
3. Presented a paper on “A Critique Analytical Tools of Statistics in Big Data” at the International Conference on "Recent Advances in Statistics and Data Science for Sustainable Development", P. G. Department of Statistics, Utkal University, Odisha on 21-23rd Dec, 2019.
4. Presented a paper on “Factors that Influence the Customer Adoption of Fintech in Hyderabad, India” at National Seminar On IMCAMFS-2019, Dept. of Finance, ICBM-SBE, Hyderabad on 23rd Nov, 2019.
5. Presented a paper on “Overview On Quality improvement and Quality assessment” at a National seminar on “Revised NAAC framework-the road ahead towards excellence in quality education” at BVC.
6. Presented a paper on “Role of gender equity in higher education” at a National seminar on “Revised NAAC framework-the road ahead towards excellence in quality education” at BVC.
7. Presented a paper on “Perception of Consumers towards Fast Food Centres: A Case Study of Hyderabad”. in "4I's - Innovation, Incubation, Intelligence & Inclusion" Emerging Global Trends and Business Excellence on 9th February 2017
8. Presented a paper on “Enhancing Agricultural Productivity with IOT”. Presented in Two Day National Seminar on INTERNET OF THINGS at BVC.

### **Awards:**

- Received the best paper award for the presentation of “Awareness Of Big Data In Select Sectors In Hyderabad, India” in One Day International Conference on CONTEMPORARY ISSUES IN MANAGEMENT STUDIES held on 26<sup>th</sup> March, 2021.

### **Invited Guest Lectures:**

- Delivered exceptional insights in Intercollegiate Workshop as the resource person on the topic entitled "Data Analysis using Spreadsheet" on 19th April 2021 Organized by the Department of Statistics, Little Flower Degree College, Uppal, Hyderabad.
- Part of the eminent jury of ‘National Science Day’ to judge Paper and Poster Presentations conducted by Department of Mathematics & Statistics, on 27<sup>th</sup>Feb, 2021; RBVRR women’s College, Hyderabad.

### **Conferences Attended:**

1. International conference on recent advances in Statistics and Data Science for sustainable development From 21<sup>st</sup> to 23<sup>rd</sup> December, 2019 conducted by PG Department of statistics Utkal University Odisha

2. National Conference On Data Sciences –A Statistical perspective from 27<sup>th</sup> to 28<sup>th</sup> December, 2019 by Osmania University.
3. Analytics of Population Statistics and its Role in Public welfare Policies from 21<sup>st</sup> Aug 2015, St. Ann's College for Women, In Collaboration with IITH, Hyderabad.

**Workshops Attended:**

1. Three Day International Online Workshop on Multivariate Data Analysis and its interpretation using SPSS from 23<sup>rd</sup> to 25<sup>th</sup> April, 2021 Organized by Institute For Statistics and Analytical Research.
2. THREE DAY ONLINE WORKSHOP ON “Online Course Design, Development and Delivery” University of Hyderabad from 26<sup>th</sup> to 28<sup>th</sup> May, 2020 Organized by Human Resource Development Centre, University of Hyderabad
3. Structural Equation Model and Confirmatory Factor Analysis from 24<sup>th</sup> to 25<sup>th</sup> May, 2020 by Institute for Statistics and Analytical Research; Chennai.
4. Online Short Term Training Program on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering” from 18<sup>th</sup> to 22<sup>nd</sup> May, 2020 by Department of Electronics Engineering, RamraoAdik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt. Ltd., Mumbai.
5. Matlab on Ramp; on 19<sup>th</sup> May, 2020 by MathWorks, Training Services.
6. Online Workshop on Mathematical Sciences for CSIR-NET/ SET/GATE from 11<sup>th</sup> to 15<sup>th</sup> May, 2020 by Sree Narayana Guru College Coimbatore.
7. Workshop On R programming From 6<sup>th</sup> to 7<sup>th</sup> September 2019 conducted by Department of Statistics at university college of science, OU.
8. 3 - day Workshop for Scholars on Spiritual values and Ethics from 27<sup>th</sup> to 29<sup>th</sup> July, 2017, OU.
9. R- Software and Data Science from 20<sup>th</sup> and 21<sup>st</sup> Jan, 2017, OU.
10. Probability and Analysis for College teachers from 22<sup>nd</sup> to 24<sup>th</sup> Feb, 2017, University College For Women, Koti, Hyderabad.

**FDPs Attended:**

1. Two Day Workshop on "Data Analysis Using R" Organized by Society for Development of Statistics, Department of Statistics, O.U. from 13<sup>th</sup> to 14<sup>th</sup> February, 202.
2. Ten days Faculty Development Program on “HANDS ON WRITING AND PUBLISHING RESEARCH PAPER FOR REPUTED JOURNALS” Organized by SILICON CITY COLLEGE OF MANAGEMENT AND COMMERCE Affiliated to Bangalore University, from 20<sup>th</sup> to 29<sup>th</sup> December, 2020
3. FDP on Business Analytics and Its Applications, VIT, Andhra Pradesh, 16<sup>th</sup> November, 2020

4. FDP On Financial and Econometrics Workshop Using EViews, Dept.of Commerce, Bhavan's Vivekananda College of Science Humanities and Commerce, from 21<sup>st</sup> September to 10<sup>th</sup> October, 2020.
5. FDP On Data Analytics, NIT, Andhra Pradesh, 15-06-2020 to 19-06-2020.
6. UGC Sponsored Six day National Webinar On Discovering Statistics using R, by K.B.N. College, Kothapet, Vijayawada, from 15<sup>th</sup> to 20<sup>th</sup> June, 2020
7. FDP On Machine Learning & Deep Learning Techniques and Its Applications, PSNA College of Engg & Tech, Tamilnadu, from 1<sup>st</sup> to 4<sup>th</sup> June 2020.
8. 5 day Online FDP On " Building Competency for Online Teaching", Dept.of Languages & IQAC, Bhavan's Vivekananda College of Science Humanities and Commerce, from 6<sup>th</sup> to 10<sup>th</sup> June, 2020.
9. Recent Trends in IT from 16<sup>th</sup> to 17<sup>th</sup> May, 2020 by LOYOLA Academy, Hyderabad, Telangana;
10. Data Analysis & Visualisation of COVID-19 Dataset Using Python on 7<sup>th</sup> May, 2020 by Jerusalem College of Engineering; Chennai.
11. 3 day National Online FDP titled 'Quality Enhancement in Higher Education Institutions - Future Vision' organised by IQAC from 4<sup>th</sup> to 6<sup>th</sup> May, 2020 by St. Ann's College for Women.

**Refresher Courses Attended:**

1. Refresher Course in Mathematics, Teaching Learning Centre, Dept of Mathematics, Ramanujan College, University Of Delhi, from 16<sup>th</sup> to 30<sup>th</sup> March, 2021.
2. Online short-term course on Application of Machine Learning and Deep Learning Techniques in Multidisciplinary, Department of Information Technology, National Institute of Technology, Karnataka, from 16<sup>th</sup> November, 2020.

**Training programs Attended:**

1. One Week STTP on Emerging trends in Data Analysis in SPSS (online mode) from 12<sup>th</sup> to 17<sup>th</sup> April, 2021 Organized by REST Society for Research International (RSRI) Krishnagiri, Tamil Nadu, India.
2. Online training on Python: Beginners Tutorial, Alagappa University; Karaikudi, TamilNadu, from 11<sup>th</sup> to 17<sup>th</sup> May, 2020.
3. Fundamentals of Python, Amity Future Academy, May 2020.
4. Deep Learning, Amity Future Academy, May 2020.
5. Online course on Data Analytics with Python, NPTEL, Jan- April 2020.