**Dr. K. SRINIVASA RAO**

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From:

K.SrinivasaRao, M.Sc (Statistics), M.Phil (Statistics), **M.Tech (Computer Science & Engineering)** and Ph.D (Statistics), qualified AP SET-2018, NPTEL Certificates (Descriptive Statistics with R Programming, Probability & Statistics and Introduction to Machine Learning, Deep Learning, IOT) presently working as Assistant Professor in the Department of AIML, Sri Vasavi Engineering College, Tadepalligudem.

**OBJECTIVE**

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To work with a reputed institution as an Asst. Professor, that will provide me a good platform to utilize my teaching & administration skills and will help me to grow my career.

**Academic Track**

* **Ph.D** (Statistics) May 2022, Acharya Nagarjuna University, Guntur.
* **Qualified AP SET - 2018** (Andhra Pradesh State Eligibility Test).
* **M.Tech**. (Computer Science and Engineering) in **P.V.P. Siddhartha Institute of Engineering and Technology, Vijayawada,** Affiliated to **JNTUK U,** Kakinada (2007-2009) with **62%.**
* **M.Phil.** (Statistics) from **AcharyaNagarjuna University**, (2004-2008) with **72%.**
* **M.Sc. (**Statistics) from **Andhra University**, (1993 – 1995) with **62%.**
* **B.Sc.( Statistics)** from **D.N.R.College**, Bhimavaram (1990-1993) with **67%.**
* **Intermediate (MPC)** from **S.V.S.S. Jr**.**College**, Attili (1988 – 1990) with **47%**.
* **S.S.C.** from **Z. P. High School**, Attili (1988) with **61%**

**Professional Experience**

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More than 23 Years of work experience in the fields of Teaching and Training from various colleges.

* Presently I am working as Asst. Prof. in the Department of AIML & CAI, Sri Vasavi Engineering College, Peddatadepalli, Tadepalligudem since June 2022.
* From September 2009 to June 2022 worked as an Assoc. Prof. in Bhimavaram Institute of Engineering Technology,**Bhimavaram**
* From January 2002 to September 2009 worked as an Asst. Prof. in Statistics at **KGRL College, P.G. Courses, Bhimavaram.**
* From Nov.1999 to Dec.2001 worked as Lecturer in Statistics at **SMBTAV & SN Degree College, Veeravasaram**
* From Jun.1997 to Nov.1999 worked as Lecturer in **Mathematics at Vivekananda Jr. College, Bhimavaram**

**PROJECTS**

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* **M.Tech**. thesis entitled **“AN INCENTIVE-BASED GRIDS SCHEDULING”** submitted PVP Siddhartha Institute of Technology affiliated JNTUK, Kakinada in the month of July, 2009.
* **M.Phil** thesis entitled **“ANALYSIS OF ERLANG LOSS MODEL WITH TWO USER GAME”** dissertation submitted to AcharyaNagarjuna University, Guntur, on 27th Sept. 2008.
* **Ph.D** thesis entitled **“ON DIFFERENT ESTIMATION METHODS OF PARAMETERS FOR PERT DISTRIBUTION”** dissertation submitted to AcharyaNagarjuna University, Guntur, on 30th Oct. 2021.

**CONFERENCES/WORKSHOPS ATTENDED**

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* National Seminar on Banking Sector reforms problems and challenges sponsored by U.G.C, New Delhi, Organized by U.G. Department of Commerce and P.G. Department of Management Studies, K.G.R.L. College, Bhimavaram.
* National Seminar on Recent Developments in Statistical Science Organized by Department of Statistics, AcharyaNagarjuna University, Guntur.
* One-day Workshop on Data Mining on 28th December, 2008 conducted by Department of Computer Science and Engineering, Information Technology of PVP Siddhartha Institute of Technology, Vijayawada.
* Two-day National Seminar on “Role of Knowledge Management in Modern Era” conducted by Sri Vasavi Engineering College, Tadepalligudem, on 27th and 28th Dec.2013.
* Five-day National Seminar on ”Real Time Engineering Applications of Mathematics” held between 25th -29th November 2014, Organized by Sri Vishnu Engineering College for Women, Bhimavaram.
* Two-day National Seminar on “Indian Economic Turnaround: Challenges and Prospects” held on 9thand 10th February, 2017 conducted by Sir C,R,Reddy College, Eluru is organized by UGC Sponsored .
* Participated in A Two-day Faculty Development Programme on “Research Methodology” held on 10th and 11th November 2018, conducted by Bhimavaram Institute of Engineering and Technology, Pennada, Bhimvaram.
* Participated in A Three-day Faculty Development Programmeon“Applications of Mathematics in Engineering” organized by Department of Basic Science & Humanities from 17th to19th December, 2018 at Sri Vasavi Engineering College Pedatadepalli, Tadepalligudem.
* Participated UGC Sponsored National Workshop on “New Trends on SQC, Reliability with R Programming” on 30th and 31st January 2019, organized by Department of Statistics, AcharyaNagarjuna University, Nagarjuna Nagar, Guntur.
* Paper Presented on “Auto-Exam Seating System Using SVM” 1st International Conference on Computing for Science, Engineering & Artificial Intelligence (CSEAi) 2023, 17- 18th November 2023. ISBN 979 – 887140520 – 8, **Sponsored by Springer.**

**PAPER PRESENTED**

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* A paper presented on “Optimize the Number of Servers in M/M/C/C Model-A Case Study”, National Seminar on recent Developments in Statistics on December 22nd and 23rd, 2005. Nagarjuna University, Guntur.
* A paper presented on “Applications of Statistical tools in E-Commerce” National Conference on E-Commerce: Strategies, Technologies and Applications on August 8th and 9th 2006.K.G.R.L.College, Bhimavaram.
* A paper presented on “GST- Features, Problems and Challenges” UGC National Seminar on the Implementation of GST on Indian Economy issues and Challenges, on January30thand 31st 2018, K.G.R.L.College, Bhimavaram.
* Paper Presented on “TABULAR CUSUM CHARTS WITH STATISTICAL PROCESS CONTROL” Internal Conference on Advances and Applications in Mathematics and Statistics and Computer Science on Nov. 1st and 2nd 2019, Organised by Andhra Loyola College, Vijayawada.
* Paper Presented on MODERN REGRESSION WITH R PROGRAMMING one day National Seminar on “RECENT TRENDS IN MATHEMATICS” on 21st Sep. 2019, sponsored by RUSA-2.0 Scheme and Organized by Department of Mathematics Sri YN College, Narasapuram.
* Paper Presented on DIGITALIZATION OF HEALTH CARE SERVICES on one day National Seminar on DIGITALIZATION – ISSUES & CHALLENGES on 14th Nov. 2019, Sponsored by RUSA-2.0 Scheme and Organized by Department of Mathematics Sri YN College, Narasapuram.
* Paper Presented on “Poisson Regression with Data Analysis – A Case Study” on one day National Seminar on DATA SCIENCE – A STATISTICAL PERSPECTIVE on 22nd Fed 2020, Organized by DNR College( Autonomous), Bhimavaram, W.G.Dt., AP.
* Paper Presented on “REGRESSION MODELS COMPARISON WITH SAS AND R” Internal Conference on Advances and Applications in Mathematics and Statistics and Computer Science on Feb. 27th and 28th 2020, Organised by Sir CRR College(Aided & Autonomous), Eulur, Andhra Pradesh, India.
* Participated in the 5-day International Work shop on “Integrated Approach of Stochastic Modeling and Data Science for sustainable development” organized by Diamond Jubilee Celebrations, Department of Statistics, S.V. University, Tirupathi.

**PAPER PUBLICATIONS**

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1. “An Incentive-Based Peer-to Peer Grid Scheduling” Publishedon “Oriental Journal of Computer Science & Technology, An international Open Access Peer Reviewed Research Journal. Volume 4(2): pgs: 241-466 and ISSN: 0974-6471.
2. “Optimizing the Number of Servers in M/M/C/C Model” Published on International Journal of “Management and Social Science Strategies for Business Excellence”; Issues & Challenges for the DECADE. Archers and Elevators Publishing House, First Edition 2014 ISBN: 978-93-83241-23-1.
3. “Analysis of Earlang loss Model with Two User Game” International Journal of Computer Application and Engineering Technology, Volume 3-Issue1, Jan 2014.Pp. 150-159.
4. A paper presented on “GST- Features, Problems and Challenges” UGC National Seminar on the Implementation of GST on Indian Economy issues and Challenges, on January30th and 31st 2018, K.G.R.L.College, Bhimavaram. ISBN No. 978-93-83729-38-4.
5. “R Programming in Different Fields” A International Journal of Computer Science and Engineering Technology, February 2019, Volume 9, Page 1-8 and ISSN: 2231-0711.
6. “A Study on Statistical Process Control in Health Care Delivery”- A Case Study Published on International Journal of Management, Technology And Engineering,Volume IX, Issue IV, APRIL/2019, ISSN NO : 2249-7455.Page No: 4822.
7. “Analysis of Multivariate Data Using R”- Published on International Journal of Management, Technology And Engineering,Volume IX, Issue III, Page No.3551 MARCH/2019, ISSN No : 2249-7455.
8. Paper Presented on “TABULAR CUSUM CHARTS WITH STATISTICAL PROCESS CONTROL” International Conference on Advances and Applications in Mathematics and Statistics and Computer Science on Nov. 1st and 2nd2019, Organised by Andhra Loyola College, Vijayawada.ISBN No.978-93-86435-93-4. ISSN No.2278-8697.
9. Paper Publication on “TESTING ANALYSIS OF HYPOTHESIS STATISTICAL SYSTEM” Internation Journal of Advanced Research in Scuence ISSN No.2457-0362.Volume 10, Issue 04, Apr 2020.
10. Paper Publication on “Global Epidemiology of Lung Cancer Prediction using Regression Analysis” International Journal of Creative Research Thoughts, ISSN-2320-2882. Volume 8, 11 November 2020.
11. Paper Publication on “Modern Regression with R Programming” GIS (Geographical Information Science) Science Journal, Volume 7, Issue 11 November 2020, ISSN No: 1869-9391.
12. Paper Publication on “PERT DISTRIBUTION AND ITS PROPERTIES” International Research Journal of Modernization in Engineering Technology and Science, Volume:03/Issue:10/October-2021. e-ISSN: 2582-5208.
13. Paper Publication on “ESTIMATION OF PARAMETERS OF PERT DISTRIBUTION BY USING MAXIMUM LIKELIHOOD METHOD OF ESTIMATION” International Journal for Scientific Research & Development| Vol. 9, Issue 7, 2021 | ISSN (online): 2321-0613.
14. Paper Publication on “Estimation of parameters for PERT Distribution by using Method of Moments” International Journal for Research in Applied Science & Engineering Technology (IJRASET**),** ISSN: 2321-9653; IC Value: 45.98; Volume 9 Issue IX Sep 2021.
15. Paper Publication on “ESTIMATION OF PARAMETERS OF PERT DISTRIBUTION BY USING MAXIMUM PRODUCT OF SPACINGS METHOD” International Journal of Creative Research Thoughts (IJCRT), ISSN No: 2320-2882.
16. Paper Publication on “STREE MANAGEMENT IN SOME SOFTWARE INDUSTRIES-A CASE STUDY” International Journal of Creative Research Thoughts (IJCRT), ISSN No: 2320-2882, Volume 10, Issue 1 January 2022.
17. Paper Publication on “Classification of Brain Stroke using Data Mining Techniques-A Comparative Analysis” International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume:05/Issue:01/January-2023

**ACHIEVEMENTS**

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* Attended as guest faculty to KGRL College of PG (MBA) Courses, Bhimavaram for giving one-day seminar on Statistics.( Four times)
* Attended as guest faculty to SVDK Women’s College for UG Courses, Bhimavaram one-day seminar on Statistics.
* Attended as guest faculty to DNR College of PG (MCA) Courses, Bhimavaram for giving one-day seminar on Statistics.(Three times)
* Conducted Tech Fest in Bhimavaram Institute of Engineering & Technology on behalf of Department of BS & S Studies on 17th Feb 2012.
* Acted as Judge for Creative gallery events of National Symposium (Medha Milan-2014) conducted by Sri Vishnu Engineering College for Women, Bhimavaram. Dated on 6th and 7th March-2014.

**FDP’s**

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* Participated in 5 Day’s Online International Faculty Development Program on “**Data Analyst”** organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR, Date: 19th June 2023 to 23rd June 2023.
* Participated in National Level One Week Faculty Development Programme on **“Recent Trends in Data Science for Engineering”** organized by Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana in association with CBIT IEEE-RAS student branch chapter from 26th June 2023 to 30th June.
* Participated in the One Week Faculty Development Programme on "Machine Learning in Big Data Applications and Security Challenges " organized by Department of Computer Science and Engineering from 24th - 29th April, 2023.
* Successfully completed and received a passing grade in “**Prompt Engineering for Everyone**” A cognitiveclass.ai Powered by IBM Developer Skills Network by Issued by Cognitive Class 16th July, 2024.
* For successfully completing a online course on “**Prompt Engineering for ChatGTP**” provided by Great Learning Academy.
* Participated in 10 Hours International Faculty Development Program “**Machine Learning and Artificial Intelligence**” organized by Pimpri Chinchwad College of Engineering and Research, Ravet, Pune – Maharashtra, Sri Venkateswara Degree College, Kadapa - Andhra Pradesh, SJB Institute of Technology, Bangalore – Karnataka and Sri Indu PG College, Hyderabad – Telangana in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 12th Aug to 19th Aug 2024.
* Participated in 5 Days International Faculty Development Program on “**Gen-AI and Prompt Engineering Using Microsoft Co-Pilot**” organized by BNM Institute of Technology Bangalore (BNMIT) – Karnataka, D.Y. Patil Agriculture and Technical University Talsande – Maharashtra, and Marwadi University Rajkot - Gujarat in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 16th Sep to 20th Sep 2024.

**PATTENTS**

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1. Title of the invention: **DATA SCIENCE AND MACHINE LEARNING BASED WORKING EMPLOYEES STRESS FORECAST ANALYTICS BY HUMAN RESOURCES**, Application No.202311031393 A, Publication Date: 09/06/2023.
2. Title of the invention: **MACHINE LEARNING TECHNIQUES FOR EFFECTIVE CURRICULUM MAPPING AND OUTCOME-BASED EDUCATION**, Application No.202341066945 A, Publication Date: 20/10/2023.
3. Title of the invention: **EARLY AND ACCURATE PREDICTION OF KIDNEY DISEASES USING ALGORITHMS OF DEEP LEARNING**, Application No.202441006260 A, Publication Date: 09/02/2024.
4. Title of the invention: **APPLYING MACHINE LEARNING AND AI TO OPTIMIZE SUPPLY CHAIN MANAGEMENT AND LOGISTICS**, Application No.202441059497 A, Publication Date: 16/08/2024.
5. Title of the invention: **MACHINE LEARNING-DRIVEN INTRUSION DETECTION IN IOT VULNERABLE ENVIRONMENTS**, Application No.202411064778 A, Publication Date : 13/09/2024

**PERSONAL DETAILS**

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Name : K. Srinivasa Rao

Father’s Name : K. S. Raju

Martial Status : Married.

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Mode of Communication : Preferably by Phone.

**(Dr. K.SRINIVASA RAO)**