

## CURRICULUM VITAE

### **Dr. K.Satish Kumar**

Present address:

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### **PERSONAL STATEMENT**

To work with a reputed institution, that will provide me a good platform to utilize my teaching and administrative skills and will help me to grow in my career.

### **QUALIFICATIONS**

- **Bachelor of Science** (Mathematics, Statistics and Computer Science)- Morning Star College, Acharya Nagarjuna University, Guntur, Andhra Pradesh, India(2004).
- **Master of Science (Statistics-OR)- University of Hyderabad**, Hyderabad, Telangana, India(2007)-5.94 CGPA.
- **Ph.D. in Statistics-** Acharya Nagarjuna University, Guntur, Andhra Pradesh, India. (2019).
- Qualified **APSET-2019**.

### **TEACHING EXPERIENCE**

Having 10+ years of teaching experience for both Graduate and Post Graduate students in the following colleges since 2009 to till date:

- i. Mahatma Gandhi College(Distance Education), Guntur, Andhra Pradesh, India
- ii. VTJM & IVTR Degree College(Part Time), Mangalagiri, Andhra Pradesh, India
- iii. PB Siddhartha College of Arts & Science, Vijayawada, Andhra Pradesh, India
- iv. Department of Statistics (UGC-BSR-Fellowship), Acharya Nagarjuna University, Guntur, Andhra Pradesh, India
- v. Ongole PG Centre (Part Time), Acharya Nagarjuna University, Ongole, Andhra Pradesh, India.

## Responsibilities include

- The job profile entails teaching, setting examination question papers for students, invigilation; evaluating Examination answers scripts, and External examiner for conducting practical examinations for Graduate and Post Graduate Students.
- Effective classroom management.

## PROFESSIONAL/RESEARCH DEVELOPMENT:

### I. PAPER PUBLICATIONS

1. K.Chandan and **K.Satish Kumar**(2015), “Analysis Of Two-Phase N-Policy M/M(b)/1 Queueing System With Server Startup”, Asian Journal of Computer Science And Information Technology, 5: 8, 59 -61.
2. **K.Satish Kumar** and K.Chandan(2015), “Transient Analysis of Two-Phase N-Policy M/M/1 Queueing System with Server Start-Up and Second Optional Service and Breakdowns”, International Journal of Scientific Research, Volume : 5 | Issue : 2, 290-297| February 2016 • ISSN No 2277 – 8179.
3. V.N.Ramadevi, **K.Satish Kumar**, G.Sridhar and K.Chandan, “Cost Analysis of Two-Phase M/M/1 Queueing system in the Transient state with N-Policy and Server Breakdowns”, International Journal of Computational Engineering Research (IJCER), ISSN (e): 2250 – 3005 || Volume, 07 || Issue, 9|| September – 2017 ||, PP.48-55, IF:1.145.
4. Y Saritha, **K Satish Kumar** and K Chandan, “M<sup>X</sup>/G/1 vacation queueing system with server timeout”, International Journal of Statistics and Applied Mathematics 2017; 2(5): 131-135, Sep-Oct 2017.
5. **K.Satish Kumar**, K Chandan and A.Ankamma Rao, “Optimal Strategy Analysis of N-Policy M/M/1 Vacation Queueing System with Server Start-Up and Time-Out”, International Journal of Engineering Science Invention, Volume 6, Issue 11, PP. 24-28, November, 2017.
6. V.N.Ramadevi, **K.Satish Kumar**, G.Sridhar and K.Chandan, “Cost Analysis of M/M/1 queueing system in Transient state with server Start-up and Time-Out N policy”, International Journal of Creative Research Thoughts, Volume 6, Issue 1, pp.802-810, ISSN: 2320-2882.
7. V.N.Ramadevi, **K.Satish Kumar** and K.Chandan, “Cost Analysis of Finite Capacity M/EK/1 Vacation Queueing System with Server Timeout and N-Policy in Transient State”, International Journal for Research in Applied Science & Engineering Technology, Volume 6 Issue II, pp.794-800, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887.
8. Y Saritha, **K Satish Kumar**, **V.N Ramadevi** and K Chandan, “M/G/1 vacation queueing system with breakdown, repair and server timeout”, Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 2, pp.612-615, SSN-2349-5162.
9. Y Saritha, **K Satish Kumar**, K Chandan and G.Sridhar, “A study on N-policy FM/FG/1 vacation queueing system with server timeout in triangular, trapezoidal

and pentagon fuzzy numbers using  $\alpha$ -cuts”, International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X Impact factor: 4.295 (Volume 4, Issue 2),pp 2310-2317.

10. **K Satish Kumar**, Y Saritha and K Chandan, “Optimal Strategy Analysis of N-Policy M/E<sub>k</sub>/1 Vacation Queueing System with Server Start-Up and Time-Out”, International Journal of Scientific Research in Mathematical and Statistical Sciences (Communicated).

## II. PAPERS PRESENTED in / ATTENDED the SEMINARS/CONFERENCES

1. Presented a paper titled “Analysis of Two-Phase N-Policy M/M(b)/1 Queueing System With Server Startup” in One-Day National Seminar on Algebra, organized by Department of Mathematics, Kakaraparti Bhavanarayana College, Vijayawada, Andhrapradesh, India on 25<sup>th</sup> October 2011.
2. Presented a paper titled “Analysis of Two-Phase N-Policy M/M(b)/1 Queueing System With Second Optional Service in batches and Server Startup” in Two-Day National Seminar on Modern Trends in Mathematical and Physical Sciences“, organized by Department of Mathematics, Dharma Apparao College, Nuzvid, during 20-21, January 2012.
3. Participated in Seminar on Artificial Intelligence & Expert Systems organized by Department of Computer Science, Post-Graduate Centre, PB Siddhartha College of Arts & Science, Vijayawada on 8<sup>th</sup> October 2012.
4. Presented a paper titled ”Analysis of N-Policy M/M/1 queueing System with server startup & subcontracting” in “International Conference on Recent Advances in Statistics and their Applications & 33<sup>rd</sup> Annual Convention of Indian Society for Probability and Statistics(ISPS)”, organized by Department of Statistics, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad(M.S.), India during December 26-28, 2013.
5. Presented a paper titled “Two-Phase N-Policy M/M/1 Gated Queueing System with Server Breakdowns and Balking” in “National Conference on Recent Advances in Statistics“, sponsored by UGC-DRS SAP-I, organized by Department of Statistics, Osmania University during 21-22 February 2014.
6. Presented a paper titled “Analysis of Two-Phase N-Policy M<sup>x</sup>/M<sup>[b]</sup>/1queueing system with Second Optional Service in Batches & Server Startup” in “Two Day UGC National Seminar on Mathematics & Statistical Techniques”, organized Department of Mathematics & Statistics, Singareni Collieries Women’s Degree & PG College, Kothagudem, Khammam during 26-27 August, 2014.
7. Presented a paper titled “Optimal Control of Two-Phase N-Policy M/M/1 queueing System with server Startup, Breakdowns and Second Optional Service”, in “International Conference on Statistics & Information Technology for a Growing Nation & 34<sup>th</sup> Annual Convention of Indian Society for Probability and Statistics (ISPS)”, organized by Department of Statistics, Sri

Venkateswara University, Tirupati, A.P., India during 30<sup>th</sup> November-02 December, 2014.

8. Presented a paper titled “Analysis Of Two-Phase N-Policy Queueing Model With Server Start-Up, Breakdown, Second Optional Service And Balking” in “6<sup>th</sup> Indian Youth Science Congress”, organized by Acharya Nagarjuna University, Guntur, A.P., during 19-21 January, 2015.
9. Participated in One-Day National Seminar on “Recent Advances in Algebra”, organized by Department of Mathematics, Sri Subbaraya & Narayana College, Narasaraopet on 23<sup>rd</sup> October 2016.
10. Participated in 2<sup>nd</sup> Andhrapradesh Science Congress [APSC-2016] held at P.B.Siddhartha College of Arts & Science, Vijayawada during 7<sup>th</sup> – 9<sup>th</sup> November 2016 organized by AP Academy of Sciences.
11. Presented a paper titled “Transient Analysis of Two-Phase N-Policy M/M/1 Queueing Model with Server Startup and Second Optional Batch Service”, in the National seminar on SQC, Reliability, Design of Experiments and Operations Research conducted by Department of Statistics, Acharya Nagarjuna University, Guntur during 23<sup>rd</sup> -24<sup>th</sup> February, 2017.

### **III. WORKSHOPS ATTENDED**

1. Attended Workshop on “Capability Improvement from existing capability in textile units”, organized by Department of Statistics, Acharya Nagarjuna University, Guntur, Andhrapradesh, Inida, on 11<sup>th</sup> March 2010.
2. Attended National Workshop on “Design of Experiments & Operations Research”, organized by Department of Statistics, Acharya Nagarjuna University, Guntur, Andhrapradesh, Inida, during 8-9, December 2011.
3. Attended National Workshop on “Data Analysis using SPSS[WDAS-2013]”, organized by Department of Statistics, Andhra University, Visakhapatnam on 22<sup>nd</sup> August, 2013.
4. Attended “Workshop on Big Data Analytics”, organized by Department of Statistics, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur on 20<sup>th</sup> October 2014.
5. Attended “National Workshop on Big Data Analytics”, organized by Department of Computer Science & Engineering, University College of Engineering & Technology, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur on during 9-10<sup>th</sup> December 2014.
6. Attended National Workshop on “Stochastic Modelling in Physical and Biological Sciences in Honour of Prof.J.Medhi”, organized by Institute of Advanced Study in Science and Technology, Vigyan Path, Paschim Boragaon, Garchuk, Guwahati during February 5-7, 2015.
7. Attended National workshop on “Manuscript Preparation for publication in the Indexed Journals of Aquatic Sciences”, organized by Department of Zoology & Aquaculture, Acharya Nagarjuna University, Guntur, Andhrapradesh, Inida during 4-8, January 2016.

8. Participated in Two-Day National Workshop on Big Data: Challenges and Opportunities on 30<sup>th</sup> September and 1<sup>st</sup> October 2016 organized by VVIT, Nambur in collaboration with Department of Science & Technology, New Delhi.

#### **FACULTY DEVELOPMENT PROGRAMMES:**

1. K.Satish Kumar, Participated in Meit, Govt.of India, Sponsored Faculty Development Programme (FDP) on “STATISTICS With R”, organized by the E&ICT Academy, at the Department of CSE, NIT, Warangal from 26<sup>th</sup> -1<sup>st</sup> December 2016 (Obtained ‘A’ Grade in the test).
2. Participated in Faculty Development Programme (FDP) Sponsored by Department of Electronics and Information Technology (DeitY), GOI on “DATA SCIENCE AND BIG DATA ANALYTICS”, organized by Gokaraju Rangaraju Institute of Engineering & Technology (Autonomous), Hyderabad in association with National Institute of Technology, Warangal during 4th -6th and 11th -13th November 2016.

#### **ACADEMIC/RESEARCH HONOURS**

- Awarded University Research Fellowship during 2011-12(One Year), Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, Andhra Pradesh, India.
- Appointed as a Meritorious Scholar under the UGC-BSR(RFSMS), SAP, Department of Statistics, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, Andhra Pradesh, India during the year 2012-13(Maximum period for the 5 years).

#### **TEACHING STRENGTHS:**

- Plan for and support students with special learning needs
- Actively support students in developing personal identity, self-esteem and a positive self-image
- Utilising and making a variety of teaching resources
- Providing opportunities for children to learn through creative technology projects
- Contribute to effective functioning of professional teams, work with professionals, paraprofessionals, teacher aides and other-community-based personnel.

**INTERESTS:** Travelling, reading and spent time with children.

#### **PERSONAL DETAILS:**

Name : K SATISH KUMAR  
Father's Name : K DASU  
Date of Birth : 16/07/1983

Permanent Address : D.No:9-27, OPP.YVR Nagar,  
Pedavadlapudi(V), Mangalagiri(M)  
Guntur(D), Andhra Pradesh, INDIA  
Pin code: 522302  
**E-mail : [kanapla09@gmail.com](mailto:kanapla09@gmail.com)**

Marital Status : Married

Languages Known : English, Telugu, and Hindi.

**Signature**



**(K.Satish Kumar).**