RESUME

1.Name	: Dr. Dharmendra Kumar Gangeshwer
2. Qualifation	: M. Sc. (Statistics), Ph. D. (Statistics)
2. Address for Corr.	: SOS Statistics, Pt. RSU, Raipur
Mobile No**.**	: 9340376354
Email id:	: dkgangeshwerstats@gmail.com

3. Date of Birth : 22/06/1978   **4. Sex** : Male

5. Marital Status : Married   **6. Nationality** : Indian

7. Area of specialization : Statistics, Statistical Quality Control, Operations Research

8. Teaching / Industry Experiences:

- Professor, From March 21, 2025 onwards, School of Studies in Statistics, Pt. Ravishankar Shukla University, Raipur (C.G.)
- Associate Professor, from March 23, 2018 to March 18, 2025, Department of Applied Mathematics, Bhilai Institute of Technology, Durg, (CG).
- Assistant Professor, from Jun 20, 2011- March, 22, 2018, Department of Applied Mathematics, Bhilai Institute of Technology, Durg, (CG).
- Senior SEM Analysts, From July 9, 2007 to May 6, 2011, Boonze, Media Solution Pvt Chennai (TN).
- Faculty Member, From May 4, 2005 to April 4, 2007, ICFAI Hyderabad (AP).

9. Education Qualifications:

- Ph.D. (Statistics): Topic "Some Contributions to the Study of Life Time Quality Characteristics", School of Studies in Statistics, Pt. Ravishankar Shukla University Raipur in 2005.
- M.Sc. (Statistics): School of Studies in Statistics, Pt. Ravishankar Shukla University Raipur with First Division in 2001.
- B. Sc (Mathematics) from Govt College Balodabazar, Pt. RSU, Raipur, with Second Division in 1999.

10. Research Guidance (Ph. D. Awarded)   :

    I. **Manish Kumar Pandey (2024):** A studies on queuing theory with its applications to health Sector,   CSVTU, Bhilai, Awarded on dated 24.2.2024.

    II. **Thaneshwar Lal Verma (2025)**: A study of queuing theory and its applications, CSVTU, Bhilai, Awarded on dated 05.04.2025.

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11. Research Paper Publications = 26 :

1. Gauri Shankar and **D. K. Gangeshwer**. (2005): Cumulative Sum Control Charts for Retentive Production processes., **Assam Statistical Review** (0976-4291), 19, 2 , 117-128. [**U.G.C. Approved].**

2. **D. K. Gangeshwer.** (2006): GERT analysis of life tests corrective Action plan   based on gamma failure model. IUP Journal of Management Research (0972-5342), V-5, 58-63,

3. Gauri Shankar and **D. K. Gangeshwer.** (2006): life-tests plan for exponential, Distribution Based on three-classes. **Journal of Ravishankar University Part - B** [Science]. 0970-5910, 19,B, 87-96,

4. A. K. Chandra and **D. K. Gangeshwer** (20011): Awareness and perception of e-banking customers in Chhattisgarh (India), Int. Journal of Res. in Commerce, IT and Management (2231-5756), 1, 5, 104-107.

5. Gauri Shankar and **D. K. Gangeshwer.** (2012): Acceptance Sampling plan where acceptance criteria is capability Index, Int. Journal of Multi. Research and Advanced in Engineering (0975-7074) [IF= 0.5014], 4, 1, 259-268.

6. **D. K. Gangeshwer.** (2013): An Introduction to Search Marketing: A Theoretical Study, Int. Journal of Advances in Computing and IT, (2277-9140), 2, 2, 31-36.

7. **D. K. Gangeshwer**. (2013): E-Commerce or Internet Marketing: A Business Review from Indian Context, Int. Journal of u- and e- Service, Science and Technology (2005-4246),6, 175-182.

8. **D. K. Gangeshwer** and Gauri Shankar (2015): Acceptance Sampling plan where acceptance criteria is minimum warrantee period. **Journal of Statistics & Management Systems** (0972-0510), 18(4),   321-328. [ESCI, **WEB OF SCIENCE**), Taylor and Francis**,** C under ABDC List. DOI: https://doi.org/10.1080/09720510.2014.903706

9. **D. K. Gangeshwer** and Gauri Shankar (2015): Reliability test plans in the case of dependent observation based on exponential failure model, **Journal of Statistics: Advances in Theory and Applications** (0975 – 1262) [IF =1.210] , 14(1), 13-26.

10. **D. K. Gangeshwer** and Gauri Shankar (2015): GERT Analysis of the Deferred Life Test Sampling Plan Based on Gamma Failure, **Int. Journal of Quality Engineering and Technology** (1757-2177), 5 (3 / 4), 204-216, [IF= 0.44], [**SCOPUS (Elsevier), Inderscience]** . DOI 10.1504/IJQET.2015.075774

11. **D. K. Gangeshwer** and S. Kushwaha (2016): Some strategies of search engines in top position advertising, Res. J. Management Science, (2319-1171), 5(6), 10-13, (Google Scholar).

12. **D. K. Gangeshwer,** T. L Verma, M. K. Pandey (2017): Determination of Parameters on Process Capability Indices Sampling Plan, **Global Journal of Pure and Applied Mathematics**. (GJPAM), 0973-1768, 13 (11), 7785-7794. [**SCOPUS (2010-2016)].**

13. Verma T. L. and **Gangeshwer D. K.** (2018): An analysis of road traffic flow by using M/M/1: ∞/FCFS Queuing model, International Journal of Advanced in Management, Tech. and Eng. Sciences, 22497455, 8(III), 2249-7455.

14. Manish Kumar Pandey and **D. K. Gangeshwer** (2018) : Applications of the Diffusion Approximation to Hospital Sector Using G∞/ GM/1 Double Ended Queue Model, **Journal of Computer and Mathematical Sciences**, 0976 – 5727, 9 (4), 302 – 308. **: http://dx.doi.org/10.29055/jcms/758**

15. Manish Kumar Pandey and **D. K. Gangeshwer** (2019), A markovian queuing model with heterogeneous server based on specific services on health sector, **International Journal of Applied Mathematics and Statistics**, ISSN 0973-1377, 58(1), 28-35. (UGC-CARE List Group II, **WEB OF SCIENCE,** ESCI, CESER). http://www.ceser.in/ceserp/index.php/ijamas/article/view/5991

16. Verma, T. L. and **D. K. Gangeshwer** (2020): Determination of Exponential Congestion Factor of Road Traffic Flow Caused by Irregular Occurrences**, Mathematical Journal of Interdisciplinary Sciences**, ISSN 2278-956, 1 9 (1), 17–21.
    [Google Scholar, COPE, Cosmos, CrossRef] DOI: https://doi.org/10.15415/mjis.2020.91003

17. Manish Kumar Pandey and **D. K. Gangeshwer** (2021): Application of $(G_k/G_d/1)$ Queuing Model to Patient Flow at Hospital**, Communications in Mathematics and Applications**, 12(3), 645–653, ISSN 0976-5905, [UGC-CARE List Group II , **WEB OF SCIENCE,** ESCI and RGN]. Link: http://rgnpublications.com/journals/index.php/cma/article/view/1530/1272
    DOI: https://doi.org/10.26713/cma.v12i3.1530

18. Thaneshwar Lal Verma And **D. K. Gangeshwer** (**2022**) "An Application Of M/M/1 Queuing Model In Banking System, **Stochastic Modeling & Applications**, 0972-3641, 26(3), 428-432, **UGC Care List I. Dec., MUK** https://www.mukpublications.com/stochastic-modelling-and-applications.php ISSN 0972 muk publications & distributions (india)

19. Thaneshwar Lal Verma and **D. K. Gangeshwer (2022**): A Role Of Queuing Theory In Operational Decisions: With Special Referecens To Cement Manufacturing Plant , **Stochastic Modeling & Applications,** 0972-3641, 26(3), 604-610, **UGC Care List I**

20. Thaneshwar Lal Verma And **D. K. Gangeshwer** (**2022**) An Application of Queuing Theory to Indian Premier League Based on M/M/1 Queuing Model, **specialusis ugdymas / special education**, 1 (43), p 5173-5178.   Science   Research   Society   (SRS),   ISSN   Online: 1392-5369 **http://www.sumc.lt/index.php/se/article/view/645/526**

21. Manish Kumar Pandey and **D. K. Gangeshwer** (2023):An Analysis of the "Horizontal Y" Shaped Queuing Model to Assist in Health Care Institution, **International Journal Bioautomation**, 2023, 27(2), 99-106.   ISSN   1314-1902 (UGC-CARE   List   Group   II**, WEB OF SCIENCE**). doi: 10.7546/ijba.2023.27.2.000903

22. Manish Kumar Pandey and **Dharmendra Kumar Gangeshwer** (2023): Application of Queuing Theory to Analysis of Waiting Time in the Hospital", **International Journal Bioautomation**, 2023, 27(3), 139-146. 1314-1902 (Unpaid) (UGC-CARE List Group II, **WEB OF SCIENCE**). MARIN DRINOV ACAD PUBL HOUSE, , Bulgaria, doi: 10.7546/ijba.2023.27.3.000904 (**Published September 30, 2023**).

23. Thaneshwar Lal Verma , D. K. Gangeshwer, Manish Kumar Pandey (2023): an analysis of m/m/1: ∞/FCFS queuing model based on super markets. **Advances in Mechanics**, 11(2), 149-145. (published 30-09-2023) ISSN 1000-0992, Chinese Sciences Academy of Engineering, (UGC-CARE List Group II, **SCOPUS**). https://advancesinmechanics.com/2023-149.php July 2023.

24. Ridwana Hasan, Urvashi Shrivastava and **D. K. Gangeshwer** (2023): A Review on Service Quality in the HEI's and its Impact on Students Satisfaction, international journal of food and nutritional sciences ISSN print 2319 1775 Online 2320 7876, 11(11), 16484-16499. (UGC-CARE List Group II, **SCOPUS**

25. Ridwana Hasan, Urvashi Shrivastava and **D. K. Gangeshwer** (2023) : Reliability and Validity Analysis Of The Extended SERVQUAL In Higher Educational Institution, Journal of Survey in Fisheries Sciences 10(1), 16766-16773. , (UGC-CARE List Group II, **SCOPUS**).

26. **Thaneshwar Lal Verma and D. K. Gangeshwer** (2024): An Analysis of forgetting Behavior of human brain using Queuing model. **NeuroQuantology**, 20(1), 1248-1253. ISSN 1303-5150, (UGC-CARE List Group II, **SCOPUS**). 10.48047/NQ.2022.20.1.NQ22411

12. Books and Book Chapter = 04   **:**

(i)   Book: Dr. Dharmendra Kumar Gangeshwer (2022):

Title of Book   : **Probability Theory and Binomial Distribution**

Name of Publisher   : **Shashwat Publication** Bilaspur, India. [**National**]

ISBN N0.   : 978-93-95362-17-7

 Link   https://shashwatpublication.com/probability-theory-and-binomial-distribution-book

(ii)   Book Chapter: Gauri Shankar and Gangeshwer, D. K. (2007): March 2007

Title of the Book   : Statistical Techniques in Life Testing Reliability, Sampling Theory

                             and Quality control.

Title of chapter   : life-tests plan   for exponential   CSCC for common Parameter of

                             several exponential distributions, pp 207-215

Editor   : B. N. Pandey

Name of the Publisher : **NAROSA publishing house, New Delhi**. **[International]**

ISBN N0.   : ISBN-13, 978-8173197420 [ISBN-10, 8173197423]

(iii)   Book Chapter: Manish Kumar Pandey and D. K. Gangeshwer (2020):

Title of Book   : Numerical Optimization in Engineering and Sciences.

Title of chapter   :Analysis of m/ek/1 queue model in bulk service environment. Advances in

Intelligent

 Editor   : Debashis Dutta, and Biswajit Mahanty

Name of Publisher   : **SPRINGER Nature Singapore pvt Ltd 2020 [International]**

ISBN N0.   :978-981-15-3214-6 [ISSN 2194-5357]

 Link   : DOI:10.1007/978-981-15-3215-3_21

 (iv) Book Chapter: Abhinav Agrawal, Minal Shah, D. K. Gangeshwer (2023):

   Title of Book: Climate Change Management.& Social Innovations for Sustainable Global Org.

   Title of chapter   :   Green Marketing Among Z-Generation (Z-Gen.) pp 157-174

   Name of Publisher: IGI global, Hershey, PA, USA. (**international)**

   ISBN N0 : 9781668495032

   DOI: 10.4018/978-1-6684-9503-2.ch011

13. Award / Fellowship/ Editor

I.   Received **three year research fellowship** by Pt. RSU, Raipur, during research period.

II. **Merit** position **in** M.Sc. Statistics examination at school of Studies in statistics, Pt. RSU,   Raipur.

III. **Editorial Board Member**: American Journal of Applied Mathematics (AJAM) January 16, 2023 to January 16, 2025

14. Some Significant Research Paper Presented in National and International conference/Seminar: 10

1. Presented a research paper " CSCC for common parameter of several exponential distribution", in International conference on Life Testing, Reliability, Sampling theory and Quality control, Department of Statistics, **BHU, Varanasi**, Dec.29-31, 2003.

2. Paper "Acceptance Sampling plan where acceptance criteria is capability Index" presented at National seminar on Recent Advances in Statistical Methodology and its Applications. Dept of Statistics, **Bhartihar University, Coimbatour,** Mar.18-19, 2004.

3. Paper "Cumulative Sum Control Charts for Retentive Production processes." presented at National Seminar on Recent Trends in Mathematics and its Applications, Department of Mathematics, Govt. PG College, Dhamtari, Oct 24-26, 2004.

4. Participated in two-day ISTE workshop on Akash for education conducted by **IIT, Bombay** under national mission on education through ICT (MHRD), held on BIT, Durg Nov.10-11, 2012.

5. Paper entitled 'E-Commerce or Internet Marketing : A business review from the Indian context' Golden jubly national conference on recent advances in statistics and applications, held at School of Studies in Statistics, **Pt RSU**, Raipur, Nov 15-17, 2013.

6. Paper presented entitled "some Strategies of search engines in top position advertising, National conference on Advances in business management value creation to the society, Organized by department of Management,, BIT Durg. 2016 , 29-30 Jan

7. Paper presented on "A queuing models with heterogeneous servers for specific service to health sector", National conference on Frontier in areas of mathematics with application in real world problems, Organized by department of Management,, BIT Durg. Feb 15, 2018

8. Paper "An Application of Queuing Theory to Indian Premier League Based on M/M/1 Queuing Model" presented in AICTE sponsored national e-conference on data science and its applications organized by department of CSE during July 26-27, 2021, BIT durg.

9. Participated AICTE Training And Learning (ATAL) Academy Online FDP on "Emotional Intelligence" from 2021-1-18 to 2021-1-22 at **Motilal Nehru National Institute of Technology (MNIT) Allahabad**

10. .Participated AICTE Training And Learning (ATAL) Academy Online FDP on "Applied Mathematics (Computational Techniques)" from 2021-2-1 to 2021-2-5 **at Indian Institute Of Information Technology, Nagpur,** (IIIT-N).

15. Research Project:

Coordinator: FDP on Entrepreneurial skills development for rural agro, food processing and healthcare based start-ups, organized by BIT durg, during Nov 26 – Dec 8, 2018, funding Agency DST-NIMAT (Rs 2.50 Lakh).

16. Orientation Program and Expert Talk/ Keynote = 06

I. Participated in ORIENTATION PROGRAM on Theme: "**Improving the Quality of Higher Education**" Organized by HRDC, at Pt. RSU, Raipur (C. G.) during June 03-30 2016.

II. Delivered the keynote on '**Process capability Index**"' at National conference on application of mathematics in science and engineering,, Department of Mathematics, Bhilai Institute of Technology (BIT), 28-29 Jan 2016.

III. Invited Talk, on "**Applications of production and Operations in Software Industries**" , March 16, 2021. Opera8 week 2021, Department of management, Amity University, Noida.

IV. Expert talk on" IPR and IP management for Startups", organized by Bhilai Institute of Technology (BIT), Durg, April 1, 2023.

V. Expert talk on" **IPR**", organized by Bhilai Institute of Technology (BIT), Durg, April 26, 2024

VI. Expert talk on "**How to test Hypothesis**" Organized by Agrasen college, Raipur, May 15, 2025.

Declaration: I hereby declare that the entire particulars stated in this resume are true to the best of my knowledge and belief.

Place: Raipur   **(Dr. Dharmendra Kumar Gangeshwer)**