RESUME

Name	**:**	Dr. Mrs. Rupali Vishal Chavan
Permanent Address	**:**	2919, Bhagirathi Niwas, Kapuskhed Naka, Islampur, Dist: - Sangli, Pin Code- 415409.
E-mail	**:**	rupali.stat@gmail.com
Mobile No.		☎+91–8999879700
Gender	**:**	Female
Marital Status	**:**	Married
Date of Birth	**:**	May 17, 1991
Languages Known	**:**	English, Marathi & Hindi.

ACADEMIC QUALIFICATION:

Qualification /Course Name	Branch/ Discipline	University/ Board	Year of Passing	Aggregate% Marks/CGPA
Ph.D.	STATISTICS	Dr. B. A. M. U., Aurangabad	2019	**-**
M.Sc.	STATISTICS	Dr. B. A. M. U., Aurangabad	2013	**8.71**
B.Sc.	STATISTICS	Shivaji University, Kolhapur	2011	**71.48%**
HSC	SCIENCE	Kolhapur Divisional Board	2008	**71.83%**
SSC	GENERAL	Kolhapur Divisional Board	2006	**81.06%**

Research title: "Statistical Tools and Techniques Used in Big Data Analysis."

Research Guide: Dr. O.S. Jadhav, Assistant Professor, Dept of Statistics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Project:

Project on "**A Statistical Study of Attitude Blood Donor in Aurangabad City**" submitted to Department of Statistics, Dr. B.A. Marathwada University, Aurangabad at M.Sc. level in the Year 2012.

Statistical Software Known: SPSS, R, Minitab, Math type, Python etc.
Office Tools: MS-Excel, Ms-Word, Power Point.

Statistical Skills:

Descriptive Statistics, Sampling Techniques, Hypothesis Testing, Design of Experiment, Regression Analysis, Logistic Regression, Multivariate Analysis, Time Series Analysis, Hybrid Modeling, Soft Computing techniques.

Professional Experience:

- Presently working as **Temporary Assistant Professor** in the Department of Statistics, Sadguru Gadage Maharaj College, Karad from 18 July 2019.

- **Research Fellow:** Worked as **Research fellow** in Department of Statistics, Dr. B.A.M.U, Aurangabad (2015-2019).
- **Assistant Professor (C.H.B):**
    1) 1st July 2013 to 31st March 2014, Department of Statistics, Arts, Commerce and Science College, Palus.
    2) July 2014 to March 2015, Department of Computer Science, Karmaveer Bhaurao Patil College, Urun Islampur.

Achievements:

- Recipient of **University Scholar Fellowship** for Ph.D. (2015-2017).
- Recipient of **University Level Avishkar- 2016** Certificate.
- Recipient the **second prize in 'Stat-Storm' Statistics Quiz** for M.Sc. II (2013).
- Stood **Second in written quiz competition** held in Department of Statics, Dr. BAMU, Aurangabad on the occasion National Science Day celebration, 29th June, 2012 at M.Sc.I.
- Recipient of **Eklavya Scholarship** (2011-2013)

Research paper publication:

1) Patil R. D., Jadhav O. S., "Some Contribution of Statistical Techniques in Big Data: A Review". International Journal on Recent and Innovation Trends in Computing and Communication, 2016, 4(4), 293-303.
2) Patil R. D., Jadhav O.S., "Big Data Analysis of Education Attainment in Maharashtra State". International Journal of Computer Application, 2016, 0975-8887.
3) Patil R.D., Jadhav O. S., "A Statistical Study on Educational Development Index for Literacy Parameters of India". Economic Affairs, Vol. 62, No. 3, pp. 537-542, September 2017 DOI: 10.5958/0976-4666.2017.00064.X.
4) Patil R.D., Jadhav O. S., "Predictive Modelling of Rainfall Data for Aurangabad Region, by using ARIMA method", International Journal of Engineering and Technology **(Scopus)**, Vol. 7(4.10), pp. 1085-1088, 2018.
5) Patil R.D., Jadhav O. S., "Predictive Modelling of Weather Parameters by Artificial Neural Network Approach", Water and Energy International **(Scopus)**. 61(9), pp.: 60-63, 2018.
6) Patil Rupali D., Jadhav Omprakash S., "A Big Data Prediction for Weather Forecast using Hybrid ARIMA-ANN Time Series Model,: Recent Trend in Image Processing and Pattern Recognition, **Springer** Nature Singapore pte Ltd., 2021
7) Patil R.D., "Study of Consumers Behavior of Online Shopping in Karad City", International Journal of Multidisciplinary Educational Research, 11(7), pp:57-60, 2022

CONFERENCES ATTENDED/ PRESENTED:

1) Actively participation and working as team member in National Conference "Interface between Statistics and other Sciences" held at Dept. of Statistics of Dr. B. A. M. U. Aurangabad, during 22-23 Feb 2012.
2) Actively participation and paper presented in International Conference entitled, "Big Data Analysis of Education Attainment in Maharashtra State" in 2nd International Conference on Cognitive Knowledge Engineering (ICKE-2016) held at Dept. of Computer Science & Information technology of Dr. B. A. M. U. Aurangabad, during 21-23 Dec 2016.

3) Actively Participate with the research project and Second prize Runner entitled, "Education Attainment in Maharashtra State" in University Level Avishkar-2016 organized by AVISHKAR CELL, Dr. B. A. M. U., Aurangabad during 27th -28th December, 2016.

4) Actively participate and presented a paper entitled "Predictive Modelling of Rainfall for Aurangabad region using ARIMA model," in the International Conference on Advances in Mathematical Sciences (ICAMS) held at VIT, Vellore, India during December 1-3, 2017 organized by the Department of Mathematics, School of Advanced Sciences, VIT, Vellore in association with SIAM-VIT Chapter.

5) Actively participate and presented a paper entitled "A Big Data Prediction for Weather Forecast using Hybrid ARIMA-ANN Time Series Model," in 3rd International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R,2020) held during 3rd -4th January 2020 at Department of Computer Science and Information Technology, Dr. B. A. M. U. Aurangabad.

6) Actively participate and presented a paper entitled "Statistical Modelling and Prediction of Weather Time Series Data," in National Conference on Recent Development in Applied Statistics (RDAS-2020) held during 24th & 25th February 2020 at Department of Statistics, Yashavantrao Chavan Institute of Science, Satara.

TRAINING PROGRAMS/WORKSHOPS / SEMINARS ATTENDED:

1) Actively Participation and working as team member in National Workshop on "Exploratory Statistical Data Analysis using Statistical Software" held at Dept. of
Statistics of Dr. B. A. M. U., Aurangabad during 22-23, Feb 2012.

2) Actively Participation and Second Runner in State Level Workshop on "STATISTICA: A Festival of Statistical Activities" held at Dept. of Statistics of Govt. College of Arts and Science, Aurangabad, during 4-5, Jan 2013.

3) Actively Participation in National Seminar on "Recent Development in Operations Research and Their Applications" held at Dept. of Statistics of Dr. B. A. M. U.,Aurangabad, , during 22-23, Feb 2013.

4) Actively Participate and Successfully completed One week short term Training Programme on " Big Data Analytics and Hadoop," under Technical Education Quality Improvement Programme (TEQIP Phase II) organized by Information Technology Department during 19th to 23rd December, 2015.

5) Actively Participate in " One day User Awareness Programme under UGC-INFONET Digital Library Consortium" organized by University Library, Dr. B. A. M. U., Aurangabad during 9th October, 2015.

6) Actively Participation in UGC sponsored National Workshop on "Statistical Data Analysis using Statistical Software" held at Dept. of Statistics of Dr. B. A. M. U., Aurangabad during 15-16, March 2016.

7) Actively Participation in One day Workshop on "LATEX for project, Seminar, Thesis Typesetting," held at Dept. of Chemical Technology of Dr. B. A. M. U., Aurangabad during March 5, 2016.

8) Actively Participate in National level workshop entitled "Data Analysis Using R Programming'" held at Dept. of Statistics Of Dr. B. A. M. U., Aurangabad, during 6-7 March, 2017.

9) Actively Participate in the Workshop on "Intellectual Property Rights (IPR) (Theme: Indian Patenting and Filling Procedure)" held at CFART Auditorium, Dr. B. A. M. U., Aurangabad, during 22nd August, 2016.

10) Actively Participation in National Workshop on "Data Science and Big Data Analytics" held at Dept. of Statistics of Sri Venkateshwaram University, Tirupati during 17-20, Nov 2017.

11) Actively Participation in National Workshop on "Data Analysis using R Programming" held at Dept. of Statistics of Dr. B. A. M. U., Aurangabad during 6-7, March 2017.

12) Actively Participation in National Workshop on "Data Analysis using Recent Statistical Techniques with R-Software" held at Dept. of Statistics of Dr. B.A.M U, Aurangabad during 25-27, February, 2019.

13) Actively Participation and Completed the three days online Faculty Development Program on " Data Science using R", Organized by K.K. Wagh Institute of Engineering Education and Research, Nashik during 28th to 30th May 2020

14) Actively Participation in the online National Webinar entitled "Data Analysis and Statistical Computing" organized by Department of Statistics, Institute of Social Sciences, Dr. B. A. U., Agra during 27th May 2020.

15) Actively Participation in International Webinar on "Regression Techniques Using Python" organized by the Sarswathi Analytics, Tirupathi, Chitoor district, Andhra Pradesh State on 20th September 2020.

16) Actively Participation in National Webinar on "Predictive Analytics" held at Department of Statistics of Arts, Science and Commerce College, Baramati association with the RUSA held on 11th to 13th February 2021

17) Actively Participate in Three-day International Virtual Conference in "Statistics in the era of Pandemic (STEP)" organized by Research Department of Statistics, Nehru Arts and Science College Kanhangad in conjunction with 42th Annual Conference of kerala Statistics Association (KSA) during 4th to 6th March 2021.

18) Actively Participate Two day International E-Conference on "Recent Advances in Statistics (ICRAS-2021)" organized by Department of Statistics, Sadguru Gadage Maharaj College, Karad during 11th and 12th October 2021.

I hereby declare that above information is true and correct to best of my knowledge and belief.

Date: */   /*

Signature
(Dr. Mrs Rupali Vishal Chavan)