

Curriculum Vita



- Name** :- **Dr. Prakash Rajaram Chavan.**
- Edu. Qualification** :- M.Sc., Ph.D.
- E-Mail ID** :- **prchavan83@gmail.com, mr.prakash_chavan@rediffmail.com**
- Date of Birth** :- 10th May 1982.
- Date of Joining** :- 16/March/2011
- Designation** :- Head & Assistant Professor,
Department of Statistics,
Smt. Kasturbai Walchand College, Sangli
Rajnemi Campus, North Shivaji Nagar, Sangli.
- Address** :- **“Rajyog” Ploat no.7,Old State Bank Colony,**
Abhaynagr, Sangli. Dist:- Sangli.
- Contact No** :- Office:- 0233-2372301 Cell :- **9403137089**
- Specialization** :- **Operations Research, Industrial Statistics.**
- Teaching Experience:-** 06 Years.
- Research Experience:-** 02 Years
- Minor Research Project :-** 1 (UGC-Ongoing,Grant-2,30,000/-)
- Publications** :-
- | | |
|-----------------------------------|------|
| 1.International | -03 |
| 2. National / State Level Article | - 12 |
| 3. Paper Presentation | - 33 |
- Seminar/Workshop Attended :-**
- Member Body** :- 1. Life Member of Indian Society for Probability and Statistics.

Major Achievement:-

1. Gold medal in M.Sc.(Statistics).
2. Sardar Dilipsing Prize for Secured Highest number of Marks in M.Sc.(Statistics).
3. Secured first prize in Statistics Seminar Competition On the Occasion of National Statistics Day- June 2007 Organized by Dr. Babasaheb Ambedkar Marathawada University, Aurangabad.

Technical Qualification:-

1. **Operating System:** Windows.
2. **Software Tools Used:** Minitab, SPSS, R
3. **Language :** C
4. **Office Packages:** Certificate Course in Information Technology (CCIT)

Academic Project Experience:-

M.Sc. Project Title : Reliability analysis of two Wheeler Motorcycle.

Objective : To find the reliability of various models of different motorcycles.

Visiting Lecturer:-

From last four years worked as visiting statistics lecturer at Department of Biotechnology for B.Sc. and M.Sc. Biotech course.

Profile of Research Work

❖ - **Dr.P.R.Chavan**

Department of Statistics

Smt. K. W. College, Sangli

Smt. Kasturbai Walchand College, Sangli

Dr. Prakash Rajaram Chavan (Born 1982) is working as **Head & Assistant Professor, Department of Statistics, at Smt. Kasturbai Walchand College, Sangli.**

He has 06 years teaching experience for U.G., 04 year teaching experience for P.G. (M.Sc-Bio-Technology) and 09 years Research experience in statistics subject. He guided more than 10 S.Y.Bsc students for University Project Work. He has presented **33** Research Papers in National, International and Regional Seminars, Conferences and Workshops. **15** Articles have been published in various National and International Journals in Applied Statistics, Industrial Statistics, Decision Theory and various Topics.

He has completed his Ph. D Research work on study on “**Replacements Models using fuzzy set theory**”. He has one ongoing Minor Research Project Funded by UGC New Delhi.

Minor Research Project on “**Study on estimation of price variability and risk management in agriculture sector for social and financial security of farmers in drought prone region of western Maharashtra**” sanctioned by UGC New Delhi and getting financial assistance of Rs. 2, 30,000/- for this project.

Worked as subject expert in University selection committee at college level also worked as Local selection committee of LES at Smt.K.W.C.Sangli, for B.C.A and Biotechnology Departments statistics faculty selection. Participated and Present Paper in various national and International Seminar and conferences during 2011-2016.

Academic Performance 2010-11

❖ - **Dr.P.R.Chavan**

Department of Statistics

Smt. K. W. College, Sangli

❖ RESEARCH PUBLICATIONS:-

Sr.No	Title with page Nos.	Journal	ISSN No.
1	Reliability Analysis for Components Using Fuzzy Membership Functions, Dec 2009	<i>Advances in Computational Research</i>	ISSN: 0975-3273
2	Fuzzy Present worth Approximation of Cash Flow in Replacement Analysis	<i>International Journal of Commerce & Business Management</i>	ISSN: 0974-2646.
3	Use of Fuzzy Multiple Criteria Decision Making Method in Replacement Problem	<i>International Journal of Statistics and System</i>	ISSN: 0973-2675
4	Equipment Replacement analysis Using Fuzzy Linguistic Theory, Vol. 6, No. 1, 2010	<i>International Journal of Agriculture and Statistical Sciences</i>	ISSN: 0973-1903

❖ Papers presented in Conferences, Seminars, Workshops, Symposia

Sr.No.	Title of the paper presented	Organized by	Level
1	Replacement Analysis using Fuzzy set theory	2nd – 3rd Feb 2009, PES College of Engineering, Aurangabad (MS) India	state
2	Analysis for Components Using Fuzzy Membership Functions	30 th Dec 09 – 2nd Jan 2010, University of Hyderabad, Hyderabad.	National
3	Use of Fuzzy Multiple Criteria Decision Making Method in Replacement Problem	on 4 th – 8 th Jan 2010, Dept of Statistics, Andhra University, Visakhapatnam.	National

❖ Worked as senior supervisor for Shivaji university examinations conducted at Mar/April-2011

❖ Professional Associations-

1. Member of Shivaji University Teachers Association (SUTA),
2. Member of Shivaji University Statistical Teachers Association (SUSTA)

❖ Conferences, Seminars, Workshops, Symposia Attended-

Sr.No.	Title of the Conf/Seminar/Work	Organized by	Level
1	Conference on theory and practice on O. R. in IT & Supply change Management in 2007	Thaigarajar College of Engg, Madurai (Tamilnadu) & IIS, Bangalore.	National
2	National level workshop on Recent Trends in Statistics in Dec 2007	Modern College, Pune.	National
3	Conference on Developments in UG & PG Mathematics with applications in various fields in 2009	PES, College of Engg, Aurangabad.	State
4.	S E R C School (DST Sponsored) on multivariate and matrix variable calculus & Statistical distribution	Pala Campus. (Kerala	National
5.	on Frontiers of interface Between Statistics and Sciences in 2010	University of Hydrabad	National
6.	Statistics, Probability Operations Research, Computer Science and allied areas in Jan 2010	Dept of Statistics, Andhra University, Visakhapatnam.	International
7.	Design of Statistical experiments and applications (UGC Sponsored) on Feb 2010	Dept of Statistics, Shivaji University, Kolhapur	National

3. **Academic Performance 2011-12**

❖ **Dr.P.R.Chavan**

Department of Statistics,

Smt. K. W. College, Sangli

- ❖ **Member of Organizing Committee** of “Recent Trends In Mathematics & It’s Applications and Students Carnival(RTIMIASC)-2012, Organized by Smt. Kasturbai Walchand College, Sangli, on 10th & 11th Feb-2012”.

❖ **Examination duties**

Sr. No.	Type of Examination	Dates
1	Senior Supervisor	7/05/2012 to 19/05/2012
2	Practical Examiner for B.Sc.-II	24/03/2012 to 30/03/12
3	Practical Examiner for B.Sc.-I	02/04/2012 to 08/04/2012
4	Junior Supervisor	28,30,03,07/04/2012 Etc.
5	Practical Examiner for B.Sc.-I (Bio-Tech)	25/04/2012 to 27/04/2012

❖ **Papers presented in Conferences, Seminars, Workshops, Symposia**

Sr.No.	Title of the paper presented	Title of Conference / Seminar	Organized by	level
1	Fuzzy Rep. Pol. for Comp. in System	Stat, Prob & Related Area	Dept. Of Stat. Cochin Uni. Cochin	International
2	Rep. Ana. Using Fuzzy Ling. Theory	Contemporary Issues & Applications of Stat	ISI Kolkata	International
3	Economics of Turmeric prices ...	INDIA VISION-2020	G.A.College, Sangli	National
4	Expenditure on Indian Higher....	Quality Gaps In Higher Education	G.A.College, Sangli	National
5	Fuzzy MCDM Method in Optimal...	Interface Between Stat & other Sci..	Dept. Of Stat, Dr.B.A.M.Uni, Aurangabad	National
6	Application of Statistics in social & financial field	Recent Trends In Statistics	Dept. Of statistics, Dr.Patangrao Kadam College, Sangli	National

Academic Performance 2012-13

❖ **Dr.P.R.Chavan**

*Department of Statistics,
Smt. K. W. College, Sangli*

❖ **Examination duties**

Sr.No.	Type of Examination	Date
1	CAP Director (for B.A Exam)	(23/10/2012) Oct/Nov-2012
2	Practical Examiner for B.Sc.-II(External)	Mar/April-2013
3	Practical Examiner for B.Sc.-I	Mar/April-2013
4	Theory Examiner for B.Sc.-I	Mar/April-2013
5	continuous assessment work as allotted	2012-13
5	Practical Examiner for B.Sc.-I (Bio-Tech)	Mar/April-2013

❖ **Committee Member:-**

Sr. No.	Short Description
1	Member of Execution Committee of “Inspire Internship-2012” Science Camp for Jr.college Students for Sangli-Kolhapur region”, Funded by Govt. of India, DST, New Delhi, Organized by Smt. K.W.College, Sangli, on 1 st Aug- 5 th Aug-2012”.
2	Member of Organizing Committee of “National Seminar on Recent advances in life sciences with special references to Biotechnology, funded by UGC Delhi, Organized by Smt. K.W.College, Sangli, on 3 rd & 4 th Jan-2013”.

❖ **RESEARCH, PUBLICATIONS**

Sr.No	Title with page Nos.	Journal	ISSN/ISBN No.
1	Economics of turmeric price with respect to time series (46-50)	Golden Research Thoughts Vol-02, Issue-.4, Oct-2012	2231-5063
2	Sensory Evaluation of the selected milk products using fuzzy set theory (49-54)	Indian Streams Research Journal Vol-02,Issue-.9,Oct-2012	2230-7850
3	Brest Cancer: Causes & Treatments (69-70)	Golden Research Thoughts	2231-5063

4	Use of fuzzy set theory for land fertility	UGC-State level seminar on Changing Agr. Land use Pattern, on 8 th Sep-2012, Org. by P.K.C, Sangli (Seminar Journal)	
5	Statistical study on Rainfall & the impact of rainwater harvesting on farming economy	UGC-State level seminar on Rain water Harvesting, On 24 th Jan-2013, Org. by P.K.C, Sangli (Seminar Journal)	

❖ **Papers published in Conference Proceedings without ISSN/ISBN-**

Sr. No.	Title with Page Nos.	Details of the conference publication/Journal
1	Use of Fuzzy M.C.D.M. Method in optimal maintenance strategy selection (Page No. 230-233)	National Seminar on Recent trends in Comp.Sci & App.& Comp.Math, on 21-22 Dec-2012, Organised by Indra college of Comm&Sci, Pune
2	Sensory Evaluation of the selected milk products using fuzzy set theory	UGC sponsored, 2-Days National seminar on "New challenges before the Indian dairy industry" on 10-11-Aug-2012. Organised by G.A.College of Comm., Sangli.

❖ **Papers presented in Conferences, Seminars, Workshops, Symposia:-**

Sr.No	Title of the paper presented	Title of Conference / Seminar	Organized by	level
1	Efficient Maintenance Strategy Selection .For Eco.Rep.Policy	Recent Developments in O.R & Their Applications	Dept. Of Stat. Dr.B.A.Marath wada Uni. Aurangabad	National
2	Use of Fuzzy Set Theory for Sele.of Eff.Main.Stra. for Rep.Problem	Quality, Reliability & Optimization	Dept. Of Stat P.V.P Mahavidyala, Kavthe mahankal	National
3	Fuzzy Multi Att.Dec.Mak.App.& Comp.of Biofertilizers	Recent Adv.in Life Sci.with Special Ref.to Biotechnology	Dept. of Life Sciences, Smt.K.W.College, Sangli	National
4	Statistical study on Rainfall & the impact of rainwater harvesting on Farm Economy	Sustainable Dev.of Rain. Har.in Drought prone region of Maharashtra, India	Dept.Of Geography R.R.Patil College, Savlag, Sangli	National

5	Measurement of Pri.Bank.Sec:A Fuzzy Approach	Recent Trends in Comm & Magmt.	G.A.College of Commerce, Sangli	National
6	Sensory Eva. Of the Seclected milk Products	New Challenges before the India dairy Industry	G.A.College of Commerce, Sangli	National
7	Use of Fuzzy theory for Land Fertility	Changing Agriculture land pattern in Maharashtra	Dept.Of Geography, P.K.Mahavidyala,Sangli	National
8	Use of fuzzy M.C.D.M Met.in Opt.Main. Strategy selection	Recent trends in Comp.Sci & App.& Comp.Math, on 21-22 Dec-2012,Organised by Indra college of Comm&Sci,Pune	Indra College of Commerce and Science Pune	National

❖ **Professional Associations-**

1. Member of Shivaji University Teachers Association (SUTA),
2. Member of Shivaji University Statistical Teachers Association (SUSTA)

Academic Performance 2013-14

❖ **Dr.P.R.Chavan**

*Department of Statistics,
Smt. K. W. College, Sangli*

❖ **Orientation / Refresher Course:-**

Name of the Course/Summer School	Place	Duration	Sponsoring Agency
Orientation Program	Punjabi University, Patiala.(Punjab)	10/07/13 to 6/08/13	U.G.C.

❖ **Examination duties:-**

Sr. No.	Type of Examination	Dates
1	CAP Director (B. Sc. II & III)	(21/11/2013 to 22/02/2013)
2	CAP Director (B. Sc. II & III)	(29/03/2013 to /05/2014)
2	Practical Examiner for B.Sc.-II (Internal)	25 to 31-Mar-2014
3	Practical Examiner for B.Sc.-I	22 to 27-April-2014
4	Theory Examiner for B.Sc.-I	Mar/April-2014
5	continuous assessment work as allotted	2013-14
5	Practical Examiner for B.Sc.-I (Bio-Tech)	21-April-2014

❖ **Committee Member:-**

Sr. No.	Short Description
1.	Member of Organizing Committee of “State level Seminar on Emerging trend in chemistry through green approach Organized by Dept. of Chemistry. Smt. K.W.C. Sangli.

❖ **Professional Associations-**

1. Member of Shivaji University Teachers Association (SUTA),
2. Member of Shivaji University Statistical Teachers Association (SUSTA)

❖ **RESEARCH PUBLICATIONS:-**

Sr. No.	Title with page Nos.	Journal	ISSN/ISBN No.
1	A Fuzzy Economic Replacement Decision Model	International Journal of Statistica and Mathematica	2277-2790

❖ **Papers published in Conference Proceedings without ISSN/ISBN-**

Sr.No	Title with Page Nos.	Details of the conference publication
1	Fuzzy replacement policy for components in system,P-153-160	National conference on fuzzy mathematics & its applications, 5 th &6 th Feb,2014

❖ **Papers presented in Conferences, Seminars, Workshops, Symposia:-**

Sr. No.	Title of the paper presented	Title of Conference / Seminar	Organized by	level
1	Study on production, Productivity & prize variability of cash crops in sangli district a case study	Indian Retail Marketing: Issues and challenges	G.A.College of Commerce, Sangli	National
2	Study on production, Productivity & marketing of fruits and vegetables in sangli district of Maharashtra (INDIA)	Challenges before the marketing of fruits and vegetables	G.A.College of Commerce, Sangli	National
3	Informative maintenance strategy selection using SAW and MEW under Fuzzy environment	Recent advances in statistics and their applications	Dept. of Stat Dr. B. A .M. Uni. Aurangabad	International
4	Warehouse selection by using fuzzy TOPSIS theory	Emerging areas of research in commerce and industry	Chintamani College, Sangli	International
5	Testing of Hypothesis an overview	Research methodology for emerging area in social sciences	Chintamani College, Sangli	International
6	Fuzzy replacement policy for component in a system	Fuzzy mathematics and its applications	S.G.M. college, Karad	National
7	Statistical study of effect of fertilizer in Green house plan	Emerging areas in chemistry through green approach	Dept. Of Chemistry, K.W.C, Sangli	National

❖ **Professional Associations-**

1. Member of Shivaji University Teachers Association (SUTA),
2. Member of Shivaji University Statistical Teachers Association (SUSTA)

Academic Performance 2014-15

❖ **Dr.P.R.Chavan**

*Department of Statistics,
Smt. K. W. College, Sangli*

❖ **Examination duties-**

Sr. No.	Type of Examination Duties	Dates
1	Worked as an University practical examiner for B. Sc. II at Dr. P.K. Mahavidyala, Sangli	19/04/2015 to 21/04/2015
2	Worked as a University practical examiner for B. Sc. I at Smt. K.W.C. Sangli	07/03/2015 to 17/03/2015
2	Worked as an University practical examiner for B.C.S-I at Smt. K.W.C. Sangli	07 to 10-Mar-2015
4	Theory Examiner for B.Sc.-I	Mar/April-2014
5	continuous assessment work (Shivaji University)as allotted for B.Sc.-II	15 to 30 /12/14
6	Worked as an Junior Supervisor for Uni. Exam Oct/Nov &Mar/April	29to31/10/14 05to22/11/14

❖ **Ongoing Research Project:-**

Sr. No.	Title	Agency	Period	Grant /Amount
1	A study on estimation of price variability and risk management in agriculture sector for social and financial security of farmers in drought prone region of western Maharashtra	U.G.C	2 years	2,30,000 (Lakhs)

❖ **Full Papers published in Conference Proceedings:-**

Sr. No.	Title of the paper	Details of the conference
1	A study on production and productivity of important crops in Aurangabad Districts	One day National seminar on Food security in India: Issues and challenges

❖ **Papers presented in Conferences, Seminars, Workshops, Symposia:-**

Sr. No.	Title of the paper presented	Title of Conference / Seminar	Organized By	Level
1	Study of price variability in turmeric commodity: A Case study	Impact of agro based industries on rural economy	G.A.College of Commerce, Sangli	National
2	A study on production and productivity of important crops in Aurangabad districts (ISBN-9789381549766)	Food security in India: Issues and Challenges	G.A.College of Commerce, Sangli	National

Academic Performance 2015-16

❖ **Dr.P.R.Chavan**

*Department of Statistics,
Smt. K. W. College, Sangli*

❖ **Refresher Course –**

Name of the Course	Place	Duration	Sponsoring Agency
Refresher Course	RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR	02-12-2015 To 22-12-2015	UGC-HUMAN RESOURCE DEVELOPMENT CENTRE

❖ **Examination duties-**

Sr. No.	Type of Examination Duties	Dates
1	Worked as an University practical examiner for B. Sc. II at Arts, Science and Commerce college, Palus.	04/04/2016 to 6/04/2016
2	Worked as an University practical examiner for B. Sc. II at Arts, Science and Commerce college, Ramanandnagar (BURLI).	08/04/2016 to 10/04/2016
3	Worked as an University practical examiner for B. Sc. I at Smt.K.W.C. Sangli	01/03/2016 to 06/03/2016
4	Worked as an University practical examiner for B.C.S-I at Smt.K.W.C. Sangli	17 to 22-Mar- 2016
5	Worked as an University practical examiner for B.Sc-I (Biotechnology) at Smt.K.W.C. Sangli	06/03/2016
6	Theory Examiner for B.Sc.-I	Oct/Nov and Mar/April-2016
7	continuous assessment work (Shivaji University)as allotted for B.Sc.-II	15 to 30 /12/14
8	Worked as an Junior Supervisor for Uni.Exam Oct/Nov&Mar/Apr	16 TO21/04/16 05to22/11/16

❖ **subject related event –**

Project guide for B.Sc.-II Students-2015-16, Project title-

Primary School Survey for comparative Study of Stream and There Trend in Sangli District.

❖ **Professional Associations-**

1. Member of Shivaji University Teachers Association (SUTA),
2. Member of Shivaji University Statistical Teachers Association (SUSTA)

❖ **RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS-**

➤ **Papers published in Conference Proceedings, with- ISSN / ISBN No.-**

Sr. No.	Title with Page Nos.	Details of the conference publication/Journal
1	Use of fuzzy multiple criteria decision making for selection of efficient maintenance strategy Page No.-120-128	National seminar on Recent developments in applied statistics (ISSN-2231-5063)
2.	Use of Fuzzy DEA mentod for selection of efficient maintaince strategy	State level seminar on Recent trends in Industrial Statistics (ISSN- 978-81-927095-1-2)

➤ **Research Project-**

Ongoing Research Project-

Sr. No.	Title	Agency	Period	Grant Mobilized (Rs.Lakh)
1	A study on estimation of price variability and risk management in agriculture sector for social and financial security of farmers in drought prone region of western Maharashtra	U.G.C	2 years	2,30,000

➤ **Papers presented in Conferences, Seminars, Workshops, Symposia**

Sr. No .	Title of the paper presented	Title of Conference / Seminar	Organized By
1	Use of fuzzy multiple criteria decision making for selection of efficient maintenance strategy	Recent Developments in applied statistics	Dept of statistics Balvant college,Vita
2	Statistical Applications in Research: An Overview	Role of research in improvement of quality of teaching and learning in higher education.	Miraj Mahavidyala,Miraj
3.	Use of fuzzy DEA method for selection of efficient maintenance Strategy	Recent Trends in applied statistics	Arts, Sci and Commerce college, Ramanandnagar (BURLI)

Academic Performance 2016-17

❖ - **Dr.P.R.Chavan**

*Department of Statistics,
Smt. K. W. College, Sangli*

❖ **Committee member-**

Worked as a committee member in *International School on Space Science* Organized by Smt. Kasturbai Walchand College, Sangli dated 07/Nov/2017 to 17/Nov/2017 funded by ISRO.

❖ **Examination duties-**

Sr. No.	Type of Examination Duties	Dates
1	Worked as an University practical examiner for B. Sc. III at Balvant college, Vita.	03/03/2017 to 07/03/2017
2	Worked as an University practical examiner for B. Sc. III at Smt.Kasurbai Walchand college, Sangli.	27/02/2017 to 03/03/2017
3	Worked as an University practical examiner for B. Sc. II at Willingdon college, Sangli.	03/04/2017 to 07/04/2017
4	Worked as an University practical examiner for B. Sc. II at Krantisinh Nana Patil College, Walwa	09/04/2017 to 11/04/2017
5	Worked as an University practical examiner for B. Sc. I at Smt.K.W.C. Sangli	13/03/2017 to 19/03/2016
6	Worked as an University practical examiner for B.C.S-I at Smt.K.W.C. Sangli	23to 25-Mar-2017
7	Worked as an University practical examiner for B.Sc-I (Biotechnology) at Smt.K.W.C. Sangli	01/04/2017 to 02/04/2017
8	Theory Examiner for B.Sc.-I	Oct/Nov and Mar/April-2017
9	continuous assessment work (Shivaji University)as allotted for B.Sc.-II	Oct/Nov and Mar/April-2017
10	Worked as an Junior Supervisor for Uni.Exam Oct/Nov&Mar/Apr	Oct/Nov and Mar/April-2017

❖ **subject related event –**

1. Project guide for B.Sc.-II Students-2016-17,

Project title- *Study of grape cultivation*

2. Statistics quiz competition coaching for B.Sc.-I, II and III Students-2016-17

Miss. Chavan Shailaja secured 3rd prize in oral quiz competition conducted by SUSTA at Wai College, Wai (Satara)

3. Celebration of Dr. P.V. Sukhatme birth anniversary in department of statistics, chief guest-
Principal Dr. V.B. Kodag.

❖ **Professional Associations-**

1. Member of Shivaji University Teachers Association (SUTA),
2. Member of Shivaji University Statistical Teachers Association (SUSTA)

❖ **RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS-**

➤ **Participated in Conferences, Seminars, Workshops, Symposia**

Sr. No .	Title of Conference / Seminar	Organized By
1	National orientation programme on NACC re-accreditation (3 rd cycle)	Smt. Kasturbai Walchand college, Sangli (Date-22/03/2017)