

Dr. Sejal A. Desai




DESIGNATION:


I/C PRINCIPAL

J. Z. SHAH ARTS & H. P. DESAI COMMERCE COLLEGE, AMROLI

At. & Post : Amroli- 394107, Surat, Gujarat

 sad@amrolicollege.com / principal@acs.ac.in

 97125 29125

 (0261) 2499382

EDUCATION :

Veer Narmad South Gujarat University, Surat

Ph.D. in Statistics 2005 :

Dissertation: Some Aspects of Assessment of Dispersion in Normal Population and SQC Charts for Variables

South Gujarat University, Surat

P.G. Diploma in Computer Application 1991 :

South Gujarat University, Surat

M.Sc. in Statistics 1990 :

South Gujarat University, Surat

B.Sc. in Statistics 1988 :

South Gujarat University, Surat

AWARDS :

Best Paper Award

Combination of MEAN and RMSD Charts as an alternative of combination of X and R charts and combination of X and S Charts at XXIII Gujarat ScienceCongress-2009, **February 2009**

Best Paper Award

“Nonparametric control charts for scale parameter.” jointly presented at the International Conference ‘Emerging Issues in Development for Future Generation’ by International Institute for Development Studies (IIDS), Australia held at J.Z. Shah Arts & H.P. Desai Commerce College, Amroli on **12th & 13th February, 2020.**

RECOGNITION :

Recognition as Regular Part Time Teacher. Uni.Letter No: NKM/86/91-92, Date: 29/11/1991

Recognition as Regular Full Time Teacher. Date: 24/11/1997

Recognition as P.G Teacher in the subject of Statistics under the Faculty of Commerce & Science. Uni. Later No.: PG/PGT/RECOG/5732/1996, Date: 08/07/1997.

Recognition as Supervising Teacher for Ph.D. Degree in the subject of Statistics under the Faculty of Commerce & Science. Uni. Later No.: PG/Ph.D. ST/6562/2017, Date: 13/04/2017.

TEACHING EXPERIENCE :

J.Z. Shah Arts & H.P. Desai Commerce College, Amroli, Surat

Associate Professor (Statistics) [2009-till date Year]

J.Z. Shah Arts & H.P. Desai Commerce College, Amroli, Surat

Lecturer (Statistics) 1997 - 2009

J.Z. Shah Arts & H.P. Desai Commerce College, Amroli, Surat

Lecturer – Part Time (Statistics)

1995 - 1997

J.Z. Shah Arts & H.P. Desai Commerce College, Amroli, Surat

Lecturer – Part Time (Statistics)

1991 - 1997

Shah N.H. Commerce College, Valsad

PG Teaching :

1. Department of statistics
2. J.Z. Shah Arts & H.P. Desai Commerce College, Amroli Since 2005

RESEARCH EXPERIENCE

M.Phil.	:	03 students awarded
Ph.D.	:	04 students awarded
Ph.D.	:	01 students ongoing
Project Guided	:	04 Group (MSc Applied statistics)

❖ Publications (BOOKS) :

- F.Y. B. Com Statistics, B.S. Shah Prakashan
- S.Y.B.Com. Statistics B.S. Shah Prakashan
- Statistics, Popular Prakashan
- IV.T.Y. B. Com, Statistics, B.S. Shah Prakashan
- Statistical Methods in Business and Management, Horizon Press, 2013 (ISBN: 987 – 81 – 926654 – 9 – 8)
- Descriptive Statistics [National Publication] B. S. Shah Prakashan (ISBN: 978-93-94444-59-1)
- વર્ણનાત્મક આંકડાશાસ્ત્ર [National Publication] B. S. Shah Prakashan (ISBN: 978-93-94444-40-9)
- Statistical Methods for Social Sciences [National Publication] B. S. Shah Prakashan (ISBN: 978-93-94444-59-1)
- સામાજિક વિજ્ઞાન માટે આંકડાશાસ્ત્રીય પદ્ધતિઓ [National Publication] B. S. Shah Prakashan (ISBN: 978-93-94444-40-9)
- Statistics for Business Decision [National Publication] B. S. Shah Prakashan (ISBN: 978-81-976141-9-4)
- ધંધાકીય નિર્ણય માટે આંકડાશાસ્ત્ર [National Publication] B. S. Shah Prakashan (ISBN: 978-81-976141-5-6)

❖ Article Publication (PAPERS) :

- 1. "On eradication of bias from ratio and product estimates", Journal of South Gujarat University, V1, **2003**, 51 – 54
- 2. "Internal and External Quality Factors which are Associated with Quality Education", Proceedings of NAAC sponsored National Seminar on Role of IQAC in Identifying Best Practices, **Nov. 2008**, 120 – 124
- 3. "Combination of Mean and RMSD (Root Mean Square Deviation) charts as an Alternative of Combination of X-bar and R-chart and combination of X-bar and S-chart", VNSGU Journal of Science and Technology, Vol 1 – 1, **June 2009**, 83 – 94 (ISSN :0975 5446)
- 4. "An overview of use of Mathematical and Statistical Tools and Techniques in Optical Character Recognition in Indian Languages", Journal of Science -Tech Research, Vol.-II, Issue – II, **July – Dec – 2011**, 24 – 30 (ISSN 0974 – 9780)
- 5. "Issues of measuring Dispersion in "Shewhart's Quality charts for variable in case of Desired Quality Level is known", International journal of Advances in Management, Technology & Engineering Sciences, vol.-1, Issue-11, **August 2012**(ISSN:2249-7455)
- 6. "A study on Demography of the state of Gujarat from the perception of Sex ratio, International Research Journal of Humanities and Environmental Issues", Vol.1, Issue 5, **August 2012**(ISSN: 2277-9329)
- 7. "A study of population Trend for Surat city", International Research Journal of Commerce, Business and Social Sciences, Vol-II, Issue 11 (IV), **February 2014**, 89 – 93 (ISSN: 2277- 9310)
- 8. "Growth of Crime Rate Against Women in Surat City", International Research Journal of Commerce, Business and Social Sciences, Vol-II, Issue 11 (IV), **February 2014**, 89 – 93 (ISSN: 2277- 9310)
- 9. "A Study on Price Analysis of Milk for Sumul Dairy", International Journal of Multidisciplinary Research, Vol. II, Issue 12 (II), **March 2014**, 58 – 62 (ISSN: 2277 – 9302)
- 10. "The measurement of Foreign Direct Investment and Relationship to Activities of Multinational Corporations", Proceeding of UGC sponsored National Level Inter Disciplinary seminar on Historical Background & Political Analysis of F.D.I., (ISBN: 978-93-83993-87-1), 15&16th **March ,2014**.
- 11. Joint Research Paper entitled "A Study on Demography of Surat city from the Perception of Gender Ratio" published in IDEES-International Multidisciplinary Research Journal Peer Reviewed (Online), ISSN- 2455-4642, Vol.2, Issue – 1, **Dec. 2016**, page no.1-14.
- 12. "A Study on Demonetization in India 2016 and Challenges for Rural India" published in Commerce Window- An International Peer Reviewed Bi-Annual Journal, ISSN- 2348-6996, Vol-1, Issue No-6, **January-June-2017**, page no.7-10.
- 13. "An Empirical Study on Application of Wilcoxon signed rank test in Statistical Process Control when process target is fixed" "International Journal of Management, IT & Engineering" Vol.-8, Issue – 8, ISSN-2249-0558, **August -2018**, page 130-136
- 14. "A Study of Gender Ratio And Literacy Rate In India: Trend And Immerging Issues" "IDEES" International Multidisciplinary Research Journal Vol.-6, Issue – 1, ISSN-2455-4642, **Jan to June -2020**, page 930-942

- 15."A Study on Comparative Analysis of E-Commerce Purchasing Behavior of Youth Customers between Clothing and Food Product with Special Reference to Surat City" "IDEES" International Multidisciplinary Research Journal (Peer Reviewed) Vol.-6, Issue – 2, ISSN-2455-4642(Online), **July to Dec -2020**, page 786-797
- 16.Selection of Random Sample from Merge Sample Method I.E. Random Sample Table Method And Lottery Method", IDEES –International Multidisciplinary Research Journal ISSN NO. : 2455-4642 (ONLINE), VOLUME - 6, ISSUE – 2, Page: 1439-1449, **July. To Dec, 2020.**
- 17."Nonparametric Control Charts to Jointly Monitor Scale and Location Parameters", Journal of Scientific Research of The Banaras Hindu University , ISSN NO. 0447-9483, Volume 66, Issue 4, 2022, Page 144-149
- 18."Impact Of Online Service Facilities On General Retail Business In Surat City (Comparision Of Online Retailers Vs Offline Retailrs)", Journal Of The Asiatic Society Of Mumbai, ISSN: 0972-0766, Vol. XCV, No.30, Page 107-117, **2022**
- 19."College Student's Tendency towards Online Shopping in Surat City" International Journal of Research in Academic World, Peer-reviewed, Refereed, Indexed, Open-access, Multidisciplinary Journal, E-ISSN: 2583-1615, Volume: 1 Issue: 15 Pages: 65-69, **November ,2022**
- 20."Impact Of Online Service Facilities On General Retail Business In Surat City During Covid 19 Pandemic", Journal Of Education: Rabindra Bharati University, ISSN : 0972-7175 , Vol: XXIV, No. :1(I), **2022**, Page 89-104
- 21."Barometer Of The Indian Society: Literacy Rate And Gender Ratio", Journal Of The Asiatic Society Of Mumbai, ISSN : 0972-0766, Vol. : XCV, No:30, **2022**
- 22."The Impact Of Factors On Online Shopping Experience Special Reference To Surat City (Gujarat)", Gradiva Review Journal, ISSN NO: 0363-8057, VOL.9 Issue6, **2023**, Page 519-531.

❖ Paper Presented in Seminar / Conference :

- "On Mean and Mean of Absolute Deviation (Moad) Control Chart Based On Deviation (Errors) Measured About Targeted Process Mean (Tpm)" At UGC Sponsored National Level Seminar On Recent Trends in Bio-Medical Statistics, Ahmadabad, **24 -25 Feb.2007**
- "Combination of Mean and RMSD Charts as an Alternative of Combination of X and R charts and Combination of X and S Charts" at Xxiii Gujarat Science Congress-2009, On **15 February, 2009**
- "Bhartiya Pracheen Sanskrit Grantho Nu Ganit shetre Pradana" UGC Sponsored National Seminar On Science and Technology in Sanskrit at Arts and Com. College, Amroli- Surat **24th- 25th January,2010**
- "Growth of Crime Rate Against Women in Surat City" at National Conference On Issues On Global Accounting IFRS At Arts and Com. College, Amroli- Surat, **21st Feb. 2014**
- "A study of population Trend for Surat city", at National Conference On Issues On Global Accounting IFRS at Arts and Com. College, Amroli- Surat, **21st Feb. 2014**

- "A Study On Price Analysis of Milk for Sumul Dairy" at International Interdisciplinary Conference On Changes, challenges and consequences in commerce, management, engineering, technology and social science, **15th March, 2014**, Pune
- "The measurement of Foreign Direct Investment and Relationship to Activities of Multinational Corporations" at National Level Inter Disciplinary Seminar on Historical Background & Economical & Political Analysis of F.D.I. sponsored by UGC, New Delhi organized by Netaji Shikshan Sanstha's Subhash Baburao Kul College, Maharashtra on **15th and 16th March 2014**
- "Link Relative Method to Compute Seasonal Variation in Biomedical Waste for Surat City" in the One Day State Level Seminar on Recent Statistical Trends in Business and Management(RSTBM) organized by Department of Statistics, VNSGU, Surat & UCCC & SPBCBA & UACCAIT, Managed by Udhna Academy Education Trust on **February 1, 2015**
- "Some Neglected Aspects of Conventional Shewhart Control Charts for Variable (with fixed location parameter) in SPC" in the One Day State Level Seminar on Recent Statistical Trends in Business and Management(RSTBM) organized by Department of Statistics, VNSGU, Surat & UCCC & SPBCBA & UACCAIT, Managed by Udhna Academy Education Trust on **February 1, 2015**
- "A Study on Demonetization in India 2016 and Challenges for Rural India" in the National Seminar on Demonetization of Currency in India organized by J. Z. Shah Arts & H. P. Desai Commerce College, Amroli & International Society for Applied Commerce on **11 February, 2017**.
- "Analysis of vital statistics of Surat City from perception of mortality measures" in the National Seminar on Role of Statistics in Research organized by Dept. of Statistics, VNSGU and J. Z. Shah Arts & H. P. Desai Commerce, College, Surat on **5 March, 2017**.
- "A Comparative Analysis of Flipkart and Amazon India" in the National Seminar on Role of Statistics in Research organized by Dept. of Statistics, VNSGU and J. Z. Shah Arts & H. P. Desai Commerce, College, Surat on **5 March, 2017**.
- "A Study of Gender Ratio And Literacy Rate In India: Trend And Immerging Issues" in International conference "Emerging issue in Development for Future Generation" organized by J.Z. Shah Arts and H.P Desai Commerce College Amroli-Surat associated with IQAC and IIDS Australia, **12th- 13th February, 2020**
- "Nonparametric control charts for scale parameter." jointly presented at the International Conference 'Emerging Issues in Development for Future Generation' by International Institute for Development Studies (IIDS), Australia held at J.Z. Shah Arts & H.P. Desai Commerce College, Amroli on **12th & 13th February, 2020**.
- "Case Study of College Students tendency towards on online shopping." jointly presented at the International Conference 'Emerging Issues in Development for Future Generation' by International Institute for Development Studies (IIDS), Australia held at J.Z. Shah Arts & H.P. Desai Commerce College, Amroli on **12th & 13th February, 2020**.

❖ Participated in seminar/conference/FDP :

- Attended University Level Seminar On Statistics Held at Shah N. H. Com. College, Valsad On **26 Nov. 2006**

- One-Day Seminar On Direct Taxes Code, S.P.B College of Commerce, Surat, **14th Nov.2009**
- State Level Conference On Accounting and Finance, Navyug College of Commerce, Surat, **27 December, 2009**
- National Sanskrit Seminar, J. Z. Shah Arts and H.P. Desai Commerce College, Surat, **24 – 25 January, 2010**
- UGC Sponsored State Level Seminar On Integration of ICT in Teaching -Learning Process at Sanskar Kendra, College Campus, Tihtal Road, Valsad On **12th Feb.' 2011**.
- Seminar On Gyan Shakti, Yuva Shakti & Development as Part of the Zonal Celebration of Swarnim Year of Gujarat-Surat On **21st April' 2011**
- Training Program On Choice Based Credit System, KCG & VNSG University, **10th July, 2011**
- Three Days Workshop On Promotion of Culture of Quality Through Research Jointly Organized by Higher Education and Knowledge Consortium of Gujarat, **4 -6 March, 2012**
- Bharatiy Vichar Sadhna, Surat Mahanagar On **8 Sept. 2012**
- Three-Days Workshop (Phase-1) On Training & Capacity Building, Jointly Organized by Knowledge Consortium & Higher Education District Surat at J.Z. Shah Arts &H. P. Desai Commerce College, Amroli from **11th To 13th October,2012**
- Deity & Negp Sponsored Seminar On E-Governance & National E-Governance Plan (Negp), Department of Computer Science, Veer Narmad South Gujarat University, **6thApril, 2013**
- One-Day Review Workshop On Curriculum Development Designing, KCG, Surat, **23rd March, 2013**
- National Conference held on Issue on Global Accounting; International Financial Reporting Standard (IFRS) organized by J. Z. Shah Arts & H. P. Desai Commerce College, Amroli, Surat on **21st February, 2014**.
- Workshop on New Directions in Education organized by J.Z. Shah Arts & H.P. Desai Commerce College in collaboration with Osho Lotus Charitable Trust held on **24th Dec., 14** held at V.T. Chowksi B.Ed. College, Surat.
- One Day State Level Seminar on Recent Statistical Trends in Business and Management(RSTBM) organized by Department of Statistics, VN SGU, Surat & UCCC & SPBCBA & UACCAIT, Managed by Udhna Academy Education Trust on **February 1,2015**.
- Faculty Development Program for the Elective course on Campus to Corporate designed by Tata Consultancy Services from **12th to 16th October, 2015** and held at J. Z. Shah Arts & H.P. Desai Commerce College, Amroli- Surat.
- One-day National Seminar on "Performance Based Appraisal System through API" organized by Vanita Vishram Women's College of Commerce, Surat on **17th September, 2016**.
- One Day Seminar on Enhancing Quality Education in Commerce organized by Veer Narmad South Gujarat University on **22 March, 2017**.
- One day National Seminar on " *Advances in Statistics and Its Applications*" Jointly Organised by Smt. C. D. J. Rofel Arts and Smt. I.S.R.A Rofel Commerce College, Vapi and Dep of Statatics, VN SGU, Surat on **9 July, 2017**

- One Day Faculty Development Programme on "*New Methodology of NAAC*" organised by J. Z. Shah Arts and H. P. Desai Commerce College, Amroli ,Surat on **27th February, 2018**.
- National Workshop on "New Methodology of NAAC" organised by Z. F. Wadia women's College and N. K. Jhota College of Commerce, Surat on **26th February, 2018**.
- Two Days UGC-MHRD Sponsored International Faculty Development Program-Phase - I from **19th-20th January,2018** and Phase-II on **7th March, 2018** Jointly organised by KCG and Veer Narmad South Gujarat Univeristy, Surat
- One Day Workshop on GSIRF at Knowledge Consortium of Gujarat, Ahmedabad on **8th October, 2018**
- One Day Workshop on NIRF at Knowledge Consortium of Gujarat, Ahmedabad on **16th November, 2018**
- One Day Workshop on NAAC at Knowledge Consortium of Gujarat, Ahmedabad on **16th November, 2018**
- International Faculty Development Programme in Research Methodology, Department of HRD, VNSGU & J. Z. Shah Arts &H. P. Desai Commerce, Amroli - Surat, **23-8-2021 to 28-8-2021**
- 12th Annual Convocation of study circle of lectures in Accountancy, Commerce and Management (Veer Narmad South Gujarat University Area) in association with J. Z. Shah Arts & H. P. Desai Commerce College, Amroli - Surat & Indian Accounting Association (South Gujarat Branch) & Departmental Research Advisory Committee (Veer Narmad South Gujarat University) at J. Z. Shah Arts & H. P. Desai Commerce College, Amroli – Surat on **1st April, 2023**.
- One Day National Conference on Multidisciplinary Research and Practices on 17, February – 2024 at Veer Narmad South Gujarat University, Surat, Gujarat, India.

❖ **Key note Speaker/ Resource person/ Expert talk :**

- Invited as a Resource person in a one-week program on Preparing Research Proposal and Capability Building in Learning Outcome Oriented Course Development jointly organized by Knowledge Consortium Gujarat and Arts & Science College, Ahmedabad from **May 23rd to 28th, 2013**.
- Invited as a Resource person to chair the technical session in the national conference held on issue on Global Accounting; International Financial Reporting Standard (IFRS) organized by J. Z. Shah Arts & H. P. Desai Commerce College, Amroli, Surat on **21st February, 2014**.
- Invited as a Guest faculty to deliver a lecture on Guidance Programmes for Competitive Examinations organized at Shri Surat Jilla Sahakari Bank Commerce College & Shri Sayan Sahakari Khand Udhdyog Arts College, Olpad, Dist.: Surat under the aegis of UDISHA on **19th January, 2016**.
- Invited as a Resource person to deliver a lecture on vision and mission of UDISHA in the workshop on Soft Skills Training Program organized for students in collaboration

with Knowledge Consortium Gujarat, Gandhinagar and UDISHA in the institute from **24th February, 2016.**

- Guest Lecture on “Self Confidence” at shri Jilla Sahakari Bank of Commerce College& Shri Sayan Shakari Khand Udhyog Arts College, Olpad, Surat on **15th Feb,2018**
- Resource person to chair the technical Session to one Day National Seminar on Statistics: Recent Innovation and Future Challenges organized by Sir K.P College and V.N.S.G.U on **28th January,2018**
- Participated as a Key note Speaker in the Workshop on “Need, Emerge & Scope of Research” organized by J. Z. Shah Arts & H.P Desai Commerce College Amroli, Surat on **16th Dec.,2018**
- Invited as a Guest Lecturer to deliver a lecture on Guidance Programmes for Competitive Examinations organized by Shri Surat Jilla Sahakari Bank Commerce College & Shri Sahakari Khand Udhyog Arts College, Olpad Dist. Surat on **11th January, 2017.**
- Invited as a Resource Person to Chair the technical Session to National Seminar on Demonetization of Currency in India organized by J. Z. Shah Arts & H. P. Desai Commerce, College, Amroli & International Society for Applied Commerce on **11 Feb. 2017.**
- Invited as a session coordinator at Virtual International Multidisciplinary Conference on Emerging Issues of development organised by IQAC D.R. Patel & R.B. Patel College & B.C. Patel B.B.A. College on **19th July, 2020.**
- Rendered service as a Resource person in workshop on "NAAC awareness program on revised affiliated college manual, promotion of quality culture & AQAR" at Smt. C. D. J. Rofel Arts and Commerce college, Vapi.16/1/2023
- Delivered lecture on "Career in Statistics" as guest faculty to students of department of Statistics, V. S. Patel College of Arts &Science, Billimora, 15/02/2023.

❖ **Achievements :**

- Worked as **Co-ordinated the faculty Development Program** for the Elective course on Campus to Corporate designed by Tata Consultancy Services from **12th to 16th October, 2015** and held at J. Z. Shah Arts & H.P. Desai Commerce College, Amroli-Surat.
- Worked as **Co - ordinator of the workshop on Soft Skills Training Program** for students in collaboration with Knowledge Consortium Gujarat, Gandhinagar and UDISHA in the institute from **24th to 27th February, 2016.**
- Woreked as **Convener** of National Seminar on "Role of Statistics in Research" jointly Organized by Dep. of Statistics, VNSGU and J. Z. Shah Arts & H. P. Desai Commerce College, Amroli, Surat.**5th March, 2017**
- **Worked as a Reviewer** for 12th standard book in commerce stream published by GUJARAT STATE SCHOOL TEXT BOOK BOARD in Statistics subject.
- Worked as **Co-coordinator of Certificate course “Campus to Corporate”** with TCS in the institute from **4th – 17th October,2016.**

- Worked as **Co-coordinator of One Day Faculty Development Programme** on “New Methodology of NAAC” organized by J. Z. Shah Arts & H.P Desai Commerce College. Amroli, Surat on **27th Feb, 2018**
- Worked as **Co-ordinator of International conference** " Emerging issue in Development for Future Generation" Organised by J.Z. Shah Arts and H.P Desai Commerce College Amroli - Surat associated with IQAC and IIDS Australia, **Feb-12-13, 2020**
- Participation in Co-Curricular Activities.
- Worked as **IQAC Co-ordinator** since from 2016 and J. Z. Shah Arts and H. P. Desai Commerce College, Amroli recredited with B++ Grade (2.94 CGPA), September, 2019 by NAAC in 3rd Cycle.
- Appoint **member of RAC Statistics, 26/07/2022**
- Appoint as a **Member of "NEP -2020 Curriculum & Credit Framework for Commerce", Committee of VNSGU, Surat.**