

1. **Name of Faculty:** Dr. Pankaj Nagar
2. **Department:** Statistics
3. **Designation:** Associate Professor
4. **Age as on 01.01.2016:** 52 yrs.
5. **Educational Qualifications:** M.Sc., M.Phil., Ph.D., MCA
6. **Teaching Experience as on 01.01.2016** 27yrs
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11. Details of Research Projects:

S. No.	Title of project	Co-investigator if any	Funding Agency	Year of sanction	Year of completion	Funds received (in Lacs)
1	Newly Immersed Computer Based Techniques for Statistical Research	-	UGC	2001	2003	25000/-

12. List of Publications: LIST ENCLOSED (Annexure-I)

13. List of Books Published: LIST ENCLOSED (Annexure-II)

14. List of Conferences / Symposium/ Refresher Courses organized

- (i) Organizing Secretary, FDP on SPSS held in University Maharani's College, Jaipur on 7-8 Nov. 2008.
- (ii) Co-Coordinator, Refresher Course in Information Technologies, Academic Staff College, University of Rajasthan, Jaipur.(2009)
- (iii) Organizing Secretary, FDP on SPSS held in University Maharani College, Jaipur on 11-12 June, 2010.
- (iv) Coordinator, 2-weeks Training Programme for Teachers on Computer Applications held in University Maharani's College, Jaipur under UGC-CPE Scheme on Oct.21- Nov.8, 2011
- (v) Joint Organizing Secretary, ICSSR National Workshop on Research Methodology, Oct. 19th-21st, 2012, organized by Department of Statistics, University of Rajasthan, Jaipur.

15. List of Conferences / Symposium/ Refresher Courses Attended

S.No.	Year	Conferences/ Seminar/ Symposia	Organizer	Duration
1	1988	All India Short-Term Institute on Statistical Models of Life-Time Data and Reliability	Department of Statistics, University of Rajasthan, Jaipur, India	May 25- June 13, 1988
2	1989	Asian Congress on Quality and Reliability	Indian Statistical Institute, Calcutta in Delhi , India	Nov.30- Dec.2, 1989
3	1990	National Seminar on Recent Advances in Statistical Inference	Department of Statistics, University of Rajasthan, Jaipur, India	Feb. 24-26, 1990
4	1994	UGC Sponsored Computer Training Course for College Teachers	University Computer Centre, University of Rajasthan, Jaipur, India	Feb 28-Mar12 1994
5	1997	Winter School in SQC and Reliability	SQC-OR Division at Indian Statistical Institute, Calcutta (West Bengal) , India	Mar. 17-29, 1997
6	2008	Second National Conference in Challenges & Opportunities in Information Technology	Department of Computer Science & Engineering, RIMT – Institute of Engineering and Technology, India	March 29, 2008
7	2008	SPSS 16.0 Faculty Development Program	SPSS South Asia Inc. Bangalore and University Maharani's College, Jaipur, India	Nov. 7-8, 2008
8	2008	UGC Sponsored Seminar on Investment Scenario Trends In India : Trends & Issues	Dept.of Accountancy and Business Statistics (ABST) , University of Rajasthan, Jaipur	Dec.10-11, 2008
9	2009	National Conference on Recent Developments in Engineering Mathematics & Information Technology	Department of Mathematics, Poornima College of Engineering, Jaipur, India	Dec.25-26, 2009
10	2010	21 st National Conference of Rajasthan Ganita Parishad on Recent Trends in Mathematics & Actuarial Sciences,	Central University of Rajasthan, MNIT, Jaipur, India	Feb.20-21 , 2010
11	2010	National Seminar on Water Auditing	University of Rajasthan, Jaipur, India	May18-20, 2010
12	2010	One Week Special Training Programme on Official Statistics	National Academy of Statistical Administration (NASA), CSO, Ministry of Statistics and Programme Implementation (MOSPI), Greater Noida UP, India	July 5-9, 2010
13	2010	12 th International Conference International Academy of Physical Sciences, India. (CONIAPS-XII)	Department of Mathematics University of Rajasthan, Jaipur, India	Dec. 22-24, 2010
14	2011	One week Short term Course on “Multiple Linear Regression, Logistic Regression & Survival Analysis”	Biostatistics Resource & Training Centre, Christian Medical College, Vellore, TN, India	May 30 - June 3, 2011

S.No.	Year	Conferences/ Seminar/ Symposia	Organizer	Duration
15	2011	One week Short term Course on “ SAS (Statistical Analysis System) Software Training ”	Biostatistics Resource & Training Centre, Christian Medical College, Vellore, TN, India	June 6- June 10, 2011.
16	2013	National Seminar on Water Resource Management: Challenges and Oppotunities	Department of Economics University of Rajasthan, Jaipur, India	Oct 3-4, 2013
17	2013	15 th Annuual Conference of Society of Statistics, Computer and Applications	APMACT, Banasthali Vidyapeeth , Banasthali	Feb 24-26, 2013
18	2014	Short Course on Statistical Computing using R(Software Training)	Biostatistics Resource & Training Centre, Christian Medical College, Vellore, TN, India	Aug 25-27,2014

16. Details of conferences in which chaired a session

- (i) National Conference, Subodh College,Jaipur

17. Papers in Conference Proceedings:

LIST ENCLOSED(Annexure I)

18. Membership of technical societies / academic bodies/ National or international organizations (if any)

- (i) Life member of Rajasthan Ganita Parishad
(ii) Life member of International Association of Physical Sciences
(iii) Life Member of Operation Research Society of India
(iv) Life member of Indian Society of Probability and Statistics
(v) Member, Board of Studies(Statistics), Atal Bihari Vajpai Hindi Vishvidyalaya, Bhopal
(vi) Member, Steering Committee of **Workstation for Research** in collaboration with Directorate of Census Operation, New Delhi.

19. Details of Ph. D. students supervised:

Name of student	Year of award
Mr. Mahendra Bijarniya	2008
Mr. Sumit shrivastava	2008
Mr. Abhay Bansal	2010
Mr. Avadhesh Gupta	2012
Mr. Sheesh Kr. Sharma	2013

20. Patents and Transfer of Technology

1

Copy Right (1) : “Governometrics” (CBR No. 5169, dated 6.6.2012)

Patent (1) : “Governometrics” (Ref No.: 1731/DEL/2012,Dated 6.6.2012) **Awaited**

LIST OF PUBLICATIONS (Annexure-I)

(i) No. of Research Articles/Papers published :

(a) List of Research Papers Published

Paper No.	Year	Title	Journal	ISSN	Status
1	2005	Mutagenicity assessment of effluents from textile/dye industries of Sanganer, Jaipur(India): a case study.	Ecotoxicology and Environmental Safety , Elsevier Inc., Vol 61(1), 2005, pp 105-113.	0147-6513	Impact Factor 2.617
2	2007	Mutagenicity evaluation of industrial sludge from common effluent treatment plant.	Chemosphere (Environmental Toxicology and Risk Assessment)*, Elsevier Inc., Vol 67, 2007, pp 1229-1235	1229-1235	Impact Factor 3.75
3	2008	Application of Convergence of Data Using Multiple Linear Regression.	International Journal of Engineering Research & Industrial Application (IJERIA), Vol. 1,No. I, 2008 , pp 173-186	0974-1518	Peer Reviewed
4	2008	Comparison of Integrating Heterogeneous Data: Using XML and OPAL Technologies.	International Journal of Engineering Research & Industrial Application (IJERIA), Vol. 1,No.II, 2008, pp 63-72.	0974-1518	Peer Reviewed
5	2008	Inventory level of recycled material for deteriorating items under lifo policy.	Journal of Applied Mathematics, Statistics and Informatics*, Vol.4, Number 1, 2008.	1336-9180	Peer Reviewed
6	2008	Discovering Knowledge in Data Warehouse for Effective Decision Making	IMSEC International Journal of Research, Vol.1,No.1,2008, pp 32-37.	Maiden Issue	Peer Reviewed
7	2009	Genotoxicity evaluation of hospital wastewaters,	Ecotoxicology and Environmental Safety*, Elsevier Inc., Vol 72(7); 2009, pp1925-1932.	0147-6513	Impact Factor 2.617
8	2009	Business Intelligence and Its Corporate Perspectives : A Statistical Study,	Journal of Indian Society of Statistics & Operation Research**, Vol. XXX, No.1-4, 2009, pp 39-45	0250-9636	Peer Reviewed
9	2009	Statistical Study on Web based Learning.	Journal of Indian Society of Statistics & Operation Research**, Vol. XXX, No.1-4, 2009, pp 47-51	0250-9636	Peer Reviewed
10	2010	Measuring Effectiveness of IT Surveys through Statistical Sampling Scheme.	Sruti Management Review, Vol-3, Issue-1, 2010,pp 5-9	0974-4274	Peer Reviewed
11	2010	The Model for Business Intelligence Using Statistical Computing and Data Warehousing.	International Journal of Computer Applications in Engineering, Technology and Sciences (IJ-CA-ETS), Volume 2,Issue 2, April 2010-September 2010, pp 481-484.	0974-3596	Peer Reviewed
12	2010	Evaluating Effectiveness of “Internet Marketing” Techniques with special reference to Viral Marketing,	International Journal in Advanced Research Computer Science, Vol.1 , No. 4, 2010, pp 207-210	0976-5697	Indexed

13	2010	Preliminary Test Shrinkage Estimation of Weibull Shape Parameter.	Ganita Sandesh, A Journal of Rajasthan Ganita Parishad, Vol. 24, No.2, June 2010 , pp. 223-234..	0970-9169	Peer Reviewed
14	2010	Evaluation of Reliability and Application of System with Multiple Phases	The Subodh Journal of Recent Trends in Information Technology, Vol. 1A, 2010, pp.136-137	0975-9875	National
15	2011	Comparative study on the Mining Iceberg Cubes Algorithms,	International Journal in Advanced Research Computer Science***, Vol.2, No. 2, 2011 , pp 578-581.	0976-5697	Peer Reviewed
16	2011	Organizational Culture in Management Institutions with Special Reference to Jaipur, Rajasthan.	International Journal in Research Commerce and Management (IJRCM)*** Vol.2 ,No. 3, 2011 . Pp 66-73.	0976-2183	Double Blided Peer Reviewed & Indexed.
17	2011	Software Reliability Engineering– A Review,	International Journal of Applied Physics and Mathematics(IJAPM)*, Vol. 1, No. 2, 2011 , pp.133-137.	2010-362X	Indexed and Peer reviewed
18	2011	Creativity and Experience: A Study of Engineers in Automobile Sector of India.	Journal of Asian Business Management, Vol 3, No.2, July-Dec. 2011 , pp.327-330.	0974-8636	Peer Reviewed & Indexed
19	2011	Statistical Study on Web Based Tutorials and Online Discussion	VSRD International Journal of Computer Science and Information Technology, Vol. 1(6), 2011 , pp 364-368	2231-2471(OL) 2319-2224(P)	Peer Reviewed and Indexed.
20	2012	Shrinkage Estimation in Weibull Distribution with Right Censored Data.	Indian Journal of Statistics & Application (IJSa) , Vol. 1, No.1, June 2012 , pp. 48-59.	2278-1102	Peer Reviewed
21	2012	A Study of presence of Seasonality in Rajasthan Dairy Industry	Indian Journal of Statistics & Application (IJSa) , Vol. 1, No.1, June 2012 , pp. 89-101	2278-1102	Peer Reviewed
22	2012	Governometrics: A Quasi-Quantitative Policy Syntax for Optimal Governance.	International Journal of Information Communication Technologies and Human Development (IJICTHD), Vol. 4(3), 2012, pp 56-61.	1935-567X (OL) 1935-5661(P)	Indexed and Peer Reviewed
23	2012	Application of Goel-Okumoto Model in Software Reliability Measurement	Special Issue of International Journal of Computer Applications, (0975 – 8887) on Issues and Challenges in Networking, Intelligence and Computing Technologies – ICNICT 2012, November 2012.	0975-8887	Indexed and peer reviewed
24	2013	Extracting Learner Behaviour Through Data Mining Clustering Algorithm	Journal of IMS group (Special Issue), Vol. 10, No. 1 June , 2013, pp 82-85	0973-824X	Refereed & Indexed with IF 1.237

(ii) Publication in Proceedings:**(1) Abstract in Proceedings:**

Paper No.	Year	Title	Proceedings of National/ International Conferences	ISSN	Status
1	2007	Convergence of Data Using Multiple Linear Regression	International Conference of the Society for Special Functions & Their Applications, <i>Symposium on Special Functions & Applications in Engineering Science</i> , Department of Mathematics, Malviya National Institute of Technology(MNIT), Jaipur during December 15-16, 2007	-	National
2	2010	Shrinkage Estimation in Weibull Distribution With Right Censored Data	International Conference on Development and Applications of Statistics in Emerging Areas of Science and Technology, Univ. of Jammu, Dec. 8-10	-	International
3	2012	Web Usage Mining for a Better Web-Based Learning	National Conference on Recent Trends in Material Science and Nano Structure (RTMSNS-12), Govt. P.G.College, Rudrapur, Jan 3-4 ,2012	-	National
4	2012	Knowledge Discovery in Web-Based Learning Simulation	National Conference on Recent Trends in Material Science and Nano Structure (RTMSNS-12), Govt. P.G.College, Rudrapur, Jan 3-4 ,2012	-	National
5	2012	Open Source Software in e-learning and Digitization of Education	National Seminar on Role of Information and Communication Technology in Higher Education, 12-13 Feb. 2012 at Seth Motilal (PG) College, Jhunjhunu.	-	National
6	2012	Propose an Approach for Web-Based Learning	National Seminar on Role of Information and Communication Technology in Higher Education, 12-13 Feb. 2012 at Seth Motilal (PG) College, Jhunjhunu.		

(2) Full Paper in Proceedings:

Paper No.	Year	Title	Proceedings of National/ International Conferences	ISSN	Status
1	2007	Embedded Predictive Modeling in Parallel Relational Data Base	Conference Proceedings, National Conference on Emerging Trends in Information Technology SGSITS, INDORE (MP), December 18-20, 2007		
2	2008	Application of Genetic Algorithms in Data Mining	Proceedings of 2nd National Conference on Challenges & Opportunities in Information Technology (COIT-2008), RIMT-IET, Mandi Gobindgarh. March 29, 2008	1229-1235	National
3	2009	Data Mining: Study, Scope and Application	<i>Proceedings of National Seminar on Information Technology</i> , 13-14 Jan. , 2009 at India International Centre (Annexe). pp 112-118	-	National
4	2009	Clustering Technique: Study and Application	Proceeding of National Seminar on Information Security: Emerging Threats & Innovations in 21 st Century , held on 4 th April, 2009 .pp. 75-85	-	National

5	2011	Study of Wireless Sensor Networks as a Software Engineering Approach	Proceedings of the World Congress on Engineering (WCE), July 6-8, 2011, London, U.K) Vol II.	-	International
6	2011	Improving Software Reliability by Application of Software Engineering Approach	3rd International Conference on Software Technology and Engineering (ICSTE 2011) August 12-14, 2011, Kuala Lumpur, Malaysia	2078-0958 (P) 2078-0966 (OL) ISBN: 978-988-19251-4-5	International
7	2011	Study of Enterprise Resource planning performance in Corporate Context	IEEE 2011 International Conference on Computational Intelligence and Communication Networks (CICN2011) October 7-9, 2011, Gwalior, India.		International
8	2012	Impact of Transformational Leadership on Creative Flexibility of Engineers in India	Procedia - Social and Behavioral Sciences, International Conference on Asia Pacific Business Innovation & Technology Management, Elsevier Press, Vol. 57 (2012), pp 555 – 559		

(iii) Chapters Published in National/International Books

S.No.	Year	Title with Page Number	Books Title, Editor, Publisher	ISSN/ISBN code
1	2008	Sankhyakiey Bidhiyan (pp 206-213)	Title: Sanchar Shodh Pavidhiyan, Editor: Prof. Sanjeev Bhanawat Publisher: Rajasthan Hindi Grantha Academy, Jaipur	987-81-7137-748-0
2	2008	Prarmbhik Sankhyankiey Vidhiyan (pp 214-252)	Title: Sanchar Shodh Pavidhiyan, Editor: Prof. Sanjeev Bhanawat Publisher: Rajasthan Hindi Grantha Academy, Jaipur	987-81-7137-748-0
3	2008	Sah-Sambandh (pp 253-265)	Title: Sanchar Shodh Pavidhiyan, Editor: Prof. Sanjeev Bhanawat Publisher: Rajasthan Hindi Grantha Academy, Jaipur	987-81-7137-748-0
4	2008	Computer Kee Upyogita	Title: Sanchar Shodh Pavidhiyan, Editor: Prof. Sanjeev Bhanawat Publisher: Rajasthan Hindi Grantha Academy, Jaipur	987-81-7137-748-0
5	2014	Cluster Analysis: A Statistical Approach for E-Governance for Better Policy Decisions	Title: Governometrics and Technological Innovation for Public Policy Design and Precision. Editor: Sangeeta Sharma, Pankaj Nagar & S.S.Sodhi, Publisher: IGI Publication Limited, USA	978-1-4666-5146-3 978-1-4666-5147-0 987-1-4666-5149-4

Number of Books Published (Annexure-II)

S.No.	Title of the Book Published	Year	ISBN
1	Basic Mathematics and Statistics.	2006	81-8142-242-2
2	Computer Fundamentals & Introduction to IBM PC	2006	81-8142-243-0
3	Computer Graphics and Image Processing	2008	81-88870-69-2
4	Management Information System	2009	81-88870-77-3
5	Electronic Communication and Data Communication	2009	978-81-8142-461-7
6	E-Banking and Security Transactions.	2009	-
7	Governometrics and Technological Innovation for Public Policy (Edited Book) , IGI Global International USA	2014	978-1-4666-5146-3 978-1-4666-5147-0 987-1-4666-5149-4