

PROFILE OF THE TEACHERS

1. **Name:** Dr. Himanshu Pandey
2. **Father's Name:** Dr. H. D. Pandey
3. **Mother's Name:** Malti Pandey
4. **Department:** Mathematics and Statistics
5. **Date of Joining the University:** 27/09/1986



6. **Total Teaching Experience:** UG- 35 years 7 Month months PG- 35 years 7 months
7. **Total Research Experience:** 32 years
8. **Area of specialization:** Operation Research, Technical Demography, Baysian Statistics and Computer Application
9. **Academic Qualifications:**

UG	1984
PG	1986
Ph.D.	1991
PDF	
Any Other	

10. International/National fellowship/financial support for advance studies/research

S. No.	Name of the fellowship/ financial support	Year of Award	National/International	Awarding Agency

11. International/National award/recognition for academics

S. No.	Name of the award/recognition	Year of Award	Title of the innovation	National/International	Awarding Agency
1	Shikashak Shree Samman	2015			Higher Education U.P. Govt
2	Young Scientists Award	1999			Council of Science & Technology UP

12. Extension activity participation

S. No.	Name of activity	Year
1	Conducted No. of Orientation and Refresher Courses for University and College Teachers	2019-2021

If any award/recognition received-

S. No.	Name of activity	Name of the award/recognition	Year of Award	National/International	Awarding Agency

13. Ph.D. supervised

S. No.	Name of the Ph.D. scholar	Title of the thesis
1	Mithilesh Chandra Mishra	Some Contribution in Migration Model A Probabilistic Approach
2	Arvind Kumar Yadav	Some investigations in Demographic Models
3	Vivek Shukla	Some probability model for human out migration system
4	Uma Shankar Shukla	Some contributions in Epidemiological Models
5	Jai Kishan	Some contributions in Models
6	Rajendra Tiwari	Probability Models on Various types of human Migration
7	Upendra Nath Tripathi	Some investigations of optimization of memory Sensitive Algorithms for complex Queries
8	Satya Prakash Pandey	A study of Design and implementation of advanced query optimization Algorithm for Relational Database System
9	Rakesh Kumar Mishra	Some contributions of Data mining techniques management decisions in library
10	Ashwini kumar yadav	A study of some demographic models and their applications
11	Ashutosh Pandey	Some contributions in Operation Research model
12	Vivek kumar Shukla	A study of some probability models for vital events
13	Dileep Kumar	Development of some inventory models in probabilistic approach
14	Akhilesh Kumar Dubey	

14. Research/Review Papers published

Total Published Research Papers= 200

For details see annex. 1

15. Books and chapters in edited volumes / books published =08

See Annex II

S No.	Title of the book	Title of the chapter	National / international	Year of publication	ISBN number	Affiliating Institute at the time of publication	Name of

16. Papers in national/international conference-proceedings

S No.	Title of the proceedings of the conference	Name of the conference	National / international	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication

17. Professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes

S. No.	Year	Title of the professional development Programme	Date and Duration (from – to)

18. Research projects sponsored by government agencies

S. No.	Name of the principal Investigator	Name of the Research Project	Name of funding agency	Amount/Fund provided	Year of sanction	Duration of the project	Status (Completed/Ongoing)

19. Research projects sponsored by non-government sources such as industry, corporate houses, international bodies

S. No.	Name of the principal Investigator	Name of the Research Project	Name of funding agency	Amount/Fund provided	Year of sanction	Duration of the project	Status (Completed/Ongoing)

20. Patents filed/granted

S. No.	Name of the patent filed/granted	Patent Number	Year of filing/award/ publish of patent

21. Collaborative activities with other institutions/ research establishments/industry for research and academic development

Title of the collaborative activity	Name of the collaborating agency with contact details	Year of collaboration	Duration	Nature of the activity

22. Functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research

Name of the Organisation/ Institution/ Industry with whom MoU is signed	Year of signing MoU	Duration of MoU	Actual activities under each MOU year wise

23. E-content is developed

i. For e-PG-Pathshala, ii. For CEC (Under Graduate), iii. For SWAYAM, iv. For other MOOCs platform, v. For NPTEL/NMEICT/any other Government Initiatives

Name of the module developed	Platform on which module is developed	Date of launching e content	Link to the relevant document and facility available in the institution	List of the e-content development facility available	Provide link to videos of the media centre and recording facility

24. Consultancy and corporate training-

Consultancy

Name of consultancy project	Consulting/Sponsoring agency with contact details	Year	Revenue generated (amount in rupees)

Corporate training

Title of the corporate training program	Agency seeking training with contact details	Year	Revenue generated (amount in rupees)	Number of trainees

25. Details of Conference/Seminar attended –

Year	Name of the conference/ workshop	International/National /State	Name of the professional body for which membership fee provided	Amount of support (in INR)

26. Any other information:

Annex. I

1.	A Population Growth Model with Marriage Rate as a Quadratic Function of Time. Jour. Nat. Acad. Maths Vol. 7, pp-99-104 (1989), Coauthor, ISSN-0970-5228, National
2.	Generalised Mathematical Model of the Population Growth with the Marriage rate Depending on the Number of Un-married Women. Acta Ciencia India Vol. XV,M, No. 1, pp-57-62 (1989),Single , ISSN-0970-0455, National
3.	A Modified Probability Model for the Out-Migration. Janasamkhyay, Vol. 9 No.1&2, pp-75-81 (1991), ISSN – 091-698X, National
4.	An Inflated Probability Model for Out-Migration. Jour. Nat .Acad. Maths Vol. 9, pp-5-12 (1991), ISSN – 0970-5228, National
5.	Probability Growth Model with the Marriage rate $k = A_0 \frac{\log(A_1 + A_2 + A_3^t)}{\log(A_1 + A_2 + A_3^t)}$. The Mathematics Education Vol. XXV. No. 4, pp-205-208 (1991),Single , ISSN-0749-6269.
6.	A Probability Model for the Number of Dependents. Proc. Nat. Sym. Modeling: Stochastic Process, 1-9 (1991),
7.	Probability Model for Our- Migration.Vikram Journal of Maths., Vol. 11, pp-17-22 (1991),Single , ISSN-0973-9424, National
8.	Generation and Growth of Population. Acta Ciencia;Indica, Vol. XVII, M, No. 2, pp-249-254, (1991),Single , ISSN-0970-0455, National
9.	Level and Trends of the Literacy in some Major States in India from 1991-2001 A.D. , Asian Jour. Psy. & Educa. Vol. 24,No.pp-5-6,46 (1991), Single , ISSN-0971-2909, National

10.	Restricted population growth model of married and unmarried men and women Acta ciencia indica, vol. 16, no. 2, pp-339-342 (1991)Single , ISSNO. : 0970-0455, National
11.	Inflated out migration model , Proced. Maths. Soc. BHU. Vol. 8, pp-87-90(1992) Main Single Author, ISSN : 0971-7080, National
12.	Management Model for Population Growth related with Migration. International Jour. Management & System, Vol. 8 No.3, pp-313-317, (1992), ISSN – 0970-7328, International
13.	Probability Model for the number of Singe Male Migrants. Jou. Scitst. Phys. Sci. , Vol.,4,No.1,pp-85-87 (1992),Single , ISSN-0970-9150, National
14.	Population Growth Model related with Literacy. Jou. Scitst. Phys. Sci.. Vol. 4,No. pp-213-215 (1992), Single , ISSN-0970-9150, National
15.	Probability Distribution for Rural-Outmigration. J.P.A.S. Vol. 3, 21-24 (1992), INDIA.Single , ISSN. 0972-498, National
16.	Hetrogeneous Population Growth model J.P.A.S. Vol. 3, No. pp-15-20 (1992) Single , ISSN-0970-9150, National
17.	A Human Out Migration Model and It's Application Indian Journal of Social Research, Vol. 18, (1992), pp-200-202, Single , ISSN-0019-5626, National
18.	A Probability Model for the size of Districts. Acta Ciencia Indica Vol. XIX, M, pp-60-60 (1993), Single , ISSN-0970-0455, National
19.	Inflatted Probability Model for Rural Urban, Out Migration Indian Journal of Regional Science Vol. 15, No. 2, pp-51-53(1993), Single , ISSN : 0046-9017, National
20.	Probability Distribution for Total Migration. U. Scientist Phyl. Sciences ; Vol. 5, M, pp-84-85 (1993), Single , ISSN-0970-9150, National
21.	On Human Out-Migration Model. Janasamkhya, Vol. XI, No. 2, pp-123-127 (1993), Single , ISSN-0970-9150, National
22.	On Out-Migration Probability Model. J.A.M.E., Vol. 3, pp-51-56 (1993), Single , ISSN-0989-6074, International
23.	Study of Probability Model on Migration. Jour. Ind. Acad. Maths., Vol. 16, No. 1, pp-87-90 (1994),Single , ISSN-0970-5120, National
24.	In Inflated Probability Model for Migration. J.A.M.E. Vol.9-D, No. 2 pp-1-5 (1994), France, Single , ISSN-0989-6074, International
25.	Some Aspects on Stochastic discounting. J.A.M.S.E., Vol. 21-a, No. 4, pp-37-41 (1994), Single , ISSN-0989-6074, International
26.	Modified Our-Migration Model. Jour. Statist. Stud., Vol. 14,pp-151-157 (1994). BangladeshSingle ,

	ISSN-1022-4734, International
27.	Nektere Pravdepodobnostni Modely Pro Migraty Z Horskych oblasti Indie. Demografic, Vol. 36, No. 2, pp-258-261 (1994), Czech Republic, Single, ISSN-0011-8265, International
28.	Some Probability Distribution for Rural Out-Migration. J.A.M.S.E., Vol. 11-D, No. 2 pp-23-29 (1995), France Single, ISSN-0989-6074,
29.	Un Mod'ele Pour Estimer le Nombre de Migrants Parmi Les Personnes A charge D'un M'enage. population, Vol. 50, No.2, pp-491-495 (1995) France, Single, ISSN-0032-4663, International
30.	Studium Modelowania Probabilistycznego W Systemic odpływom Migracywno Migracyjnym. (Study of Probabilistic Modeling in Out-Migration System). Biuletyn I.G.S. No. 1-2, pp-145-148 (1995), Poland Single, ISSN-0208-791 X, International
31.	Modeling on Rural Out-Migration System: A Probabilistic Approach. Korea Jour, Population & Development, Vol, 24 No.2, pp-343-348 (1995), Korea Single, ISSN-1225-3804, International
32.	Study of Probability Model on Rural-Out migration at Micro-Level. STANOVNIŠTVO, Vol. XXXIV, No.1 & 2, pp-89-94, (1996), Yugoslavia Single, ISSN-0038-928X, International
33.	Modeling on Out-Migration System: A Probability Approach. Nfusbilium. Derg. Vol. 17-18, pp-61-65 (1995-1996), Turkey, Single, ISSN-0259-6334, International
34.	Generalised Biostatistical Birth Model for couple Fertility. Pak. Jour. Statist. Vol. 12, no. 2 pp-167-177. (1996), Pakistan, ISSN-1012-9367, International
35.	On a Probability Model of Open Birth Interval. GENUS: International Journal of Demography. Vol. LII. No. 3-4, pp-39-45 (1996), Italy, Single, ISSN-2035-5558, International
36.	Study of Generalised Probability Model for Open Birth Interval. J.A.M.S.E., Vol. 15 No. 1,2, pp-11-20, (1997), France, Single, ISSN-0989-6074, International
37.	Probabilistic Approach in Rural Out-Migration. Jou. Statist. Stud., Vol. 16, pp-1-8, (1996), Bangladesh, Single, ISSN-1022-4734, International
38.	A Probabilistic Approach in Rural Out-Migration System. Jour. Population Studies, Vol. 18, pp-115-123 (1997), China, Single, ISSN-1018-3841, International
39.	An Inflated Probability Model for the Number of Rural-Out Migrations. Jour. Applied Statistics, Vol. 3, pp-42-46 (1995-98), Single, ISSN-0971-9644,
40.	Probability Model for Migration System. ISTATISTIK, Vol. 2, No. 1, pp-57-60 (1999), Turki, Single, ISSN-1300-4077, International
41.	Modeling the Frequency of Dependent Migrants with special reference to Rural areas at Household level. Far East. Jour. Theo. Stat. Vol. 5, No. 2, pp-337-342 (2001)., Single, ISSN-0972-0863,
42.	Inflated Probability Models for the Distribution of the Number of Out-Migrants Varahmir, Jour. Math. Science Vol. 2, No.2, pp-283-288 (2002)., ISSN-0972-7329,
43.	Probability Model for Rural Out- Migrants. Bulletin of the Marathwada Maths. Society Vol. 4, pp-56-61 (2003)., ISSN-0976-6049,

44.	An Inflated Probability Model for the number of Dependent Migrants from a Household. Jour. Stochastic Modelling & Application, Vol. 6, No.1, pp-38-43 (2003). Single , ISSN-0972-3641,
45.	Probability Model for Rural Out-Migrants at Micro level. Jour.A.M.S.E. Vol. 23,No.1 &2,pp-33-43, (2002), France, , ISSN-0989-6074, International
46.	Inventory Model for Damageable Multiteams With Stock dependent demand and and Compensation costs. Varahmir Jour.of Mathematical Science Vol, 4. No. 1,pp-99-111 (2004). , ISSN-0972-7329,
47.	Inflated Probability Model for the Number of Out-Migrants.Jour. Indian Acad. Miths Vol. 26 No. 1, pp-81-86 (2004)., ISSN-0970-5120,
48.	A Fuzzified Deteriorating Inventory Model with Breakdown of Machine and shortage Cost International Jour. Mathematical Science, Vol. 3, No. 1, pp- 241-255 (2004)., ISSN-0972-754x, International
49.	Inflated Probability Model for Communication Pattern. Acta Ciencia India Vol. 15 M No. 1, pp-227-229 (2004)., ISSN-0970-0455,
50.	An Inventory Model Under Inflation for Dependent Consumption Rate with Non Instantaneous Replenishment and Shortages. . Chh.Jour. of Science & Technology, Vol. 1, No. 1, pp-157-170 (2004)., ISSN-0972-7219,
51.	Discrete Mathematical Modelling of software Engineering Jour. Of Current Science Vol. 5, No. 2, pp-491-494 (2004)., ISSN-0972-6101,
52.	Bulk Service Queues with Vacations and Non Identical Servers Journal of Mathematics and System Scientist Vol. 1, No. 1, pp-19-35 (2005)., ISSN-0975-5454,
53.	A Probability Model for the Single Male Migrants. Journal of International Academy of Physical Science Vol. 8, pp-1-6 (2004)., ISSN-1992-1950, International
54.	New Stochastic Approaches to Solve Uncertainty Problems Jour. Management & Allied Sciences Vol. 1, No. 6, pp-98-103 (2005)., ISSN-2349-4638 ,
55.	A Probability Model for the Estimation of level of fecundability of Migrated couples Journal of International Academy of Physical Science Vol. 9, pp-91-98 (2005). , ISSN-1992-1950, International
56.	Optimal Decision Making to Classical Stochastic Programming Problem Varahmir Jour. Of Mathematical Science Vol. 5, No. 2, pp-487-496 (2005)., ISSN-0972-7329,
57.	The Possibility Approach to solve multi objective minimum cost flow problem. International journal of mathematical science vol. 4 no. 2, pp-287-295, 2005, ISSN-0972-754X, International
58.	A Probabilistic Inventory Model for Deteriorating Items with Non linear production rate and uniform declining demand rates. Int. J.Agricult.Stats, Science Vol. 2, No. 8, pp-111-120 (2006)., ISSN-0973-1903, International
59.	A Study of Commuters and Probability Model for Total Number of Commuters in Eastern U.P., INDIA. Journal of Empirical Research in Social Sciences Vol. 2, No. 1-2, pp-109-131. (2007). , ISSN-

	0973-2985,
60.	Sized Baised Probability Model For The Total Number of Migrants at Micro Level Varahmir Journal of Mathematical Sciences, Vol.7 No.2,pp-279-283(2007) , ISSN-0972-7329,
61.	Bayesian Estimation of Scale parameter of Generalized Gamma distribution using Precautionary loss function. Indian Journal of Applied Statistics Vol. 10 pp-21-27.(2007) , ISSN-0971-9644,
62.	Quantitive Data Mining : Statistical technique and operations research approach, Varahmhir Jour, of computer and information science vol. 2, no. 1 & 2, pp-163-174, (2007), ISSN-0973-3639,
63.	A probability model on Rural our-migration , Jansamkhya, vol. 14 & 15, pp-49-58(2006-2007), ISSN. - 091-698X,
64.	A Probability Inventory Model with Multibreaks of Production and Rajasthan Acad. Sci. Vol. 7, No. 1, pp-79-90 (2008)., ISSN-0972-6306,
65.	Bayesian estimation of scale parameter of p-dimensional (Rayleigh distribution using precautionary loss function.Varahmier journal of mathematical science vol. 8, no. 1, pp-1-8, 2008, ISSN-0972-7329,
66.	The Distribution of Number of Unmarried Female Migrants and Risk of Vulnerability HIV infection /STDs. Vidarabha Journal of Science, Vol. 3, No. 1, pp-1-5 (2008)., ISSN-0973-8932,
67.	Modeling on risk of vulnerability of STD's/HIV infection among pre-martial female migrants in urban area.Journal of current science vol. 12, no. – 2, pp-429-432, 2008 , ISSN-0972-6101,
68.	Development of fast binary square rooting algorithm Journal of current sciences Vol. 12 No.2 pp-421-428 (2008), , ISSN:0972-6101,
69.	A Probabilistic Inventory Model for Conditional credit period and real time with multiple Storage Facilities. Jour. Of Reliability and Statistical Studies Vol. 1,pp-61-66 (2009), ISSN: 0974-8024,
70.	Hardware implementation of binary square rooting algorithm using SD-multiplier. J.Raj.Acad.Phy.Sci.Vol. 8 No.-1, pp-83-90 (2009),ISSN: 09722-6306,
71.	Inflated Probability Model For Risk of Vulnerability to HIV/AIDS Infection Among Female Migrants. Jour. of Reliability and Statistical Studies, Vol.2 No.2, pp.77-84. (2009) , ISSN: 0974-8024,
72.	Bayesian Estimation of the Shape parameter of a Generalized Pareto Distribution under Asymmetric loss function. Hacettepe Journal of Mathematics and Statistics Vol.38 No.-1, pp-69-84 (2009), ISSN:1303-5010, International
73.	Bayesian Estimation of MTTF of Log-Normal distribution. Vidarbha Journal of Science vol.4 No.1-2 pp-10-15. (2009),ISSN:0972-7329,
74.	Probability model for HIV infection in unmarried female migrants International transactions in applied sciences vol. 1, no. 2, pp-175-180, 2009, ISSN-0974-7273, International
75.	Implementation of N-Bit Adder and Subtractor of Library Components for Arithmetic Unit Vol-1

	No-1,pp.21-26(2009), ISSN:0976-5727,
76.	Study on High-Speed Arithmetic Arrays J.Nat. Acad. Math. Special Volume,pp.213-222 (2009), ISSN:0970-5228,
77.	Implementation of Conversion Process of Library Components for Floating Point Arithmetic Logic Unit. Journal Of Physical Science, Vol. 1,No.1, pp.117-122 (2009), ISSN:0975-5519,
78.	A Structure Based Computer Grammar to Understand Simple and Compound English Sentences Int.Trans. in Mathematical Sciences &Computer, Vol.2,No. 2,pp.291-299.(2009) , ISSN:0974-5068, International
79.	Study on Multiplexer Based Array Multiplier International Transaction in Mathematical Sciences and Computer, Vol. 2, No. 2, pp-443-452(2009)Main Author, ISSN-0974-5068, International
80.	A probability model for the Risk of Vulnerability to HIV/AIDS infection among female migrants J. comp. & Math, Sci. Vol. 1, no. 2, pp-145-154,(2010) , ISSN:0976-5727,
81.	Implementation of IEEE-754 multiplication and division for floating point arithmetic logic unit.Journal of current science vol. 15, no. 2, pp-497-502, (2010) , ISSN-0972-6101,
82.	A probability model for the number of births Journal of progressive science vol. 1, no. 1, pp-43-46, 2010, ISSN- 0976-4033,
83.	Query processing and optimization for distributed data base system Journal of computer and mathematical science vol. 1, no. 6, pp-662-671, 2010, ISSN-0976-5727,
84.	Implementation of Different Multipliers using HDL for Arithmetic Logic Unit. Jour. Computer & Mathematical Sciences, Vol.1 No.3,pp.328-333,ISSN:0975-5727,
85.	A Probability Model for the Child Mortality in a Family Revista Colombiana de Estadística,Vol-23 ,pp.1-11,(2010) , ISSN:0120-1751, International
86.	Binary Speed Digit Multiplier for High Speed FFT & IFFT processorsInternational Transaction in Mathematical Science & Computer Vol. 3 no. 1, pp-73-79(2010) ISSN : 0974-5068, International
87.	Modelling on Risk of Vulnerability to HIV/AIDS Infection among Working Women Migrants Inter. Jou. Maths. Modelling. Simu. &Appli., Vol.3 No. 1, pp.68-73 (2010), , ISSN:0973-8355, International
88.	Bayesian Estimation of scale Parameter of Inverse Gaussian Distribution using Linex Loss Function J. Comp. & Math. Sci. Vol.1No.2,pp171-176,(2010), ISSN:0976-5727,
89.	A Probability Model for Commutation Pattern International Trans. In applied science, Vol .3 , No. 4,pp.609-614 (2011), ISSN:0974-7273, International
90.	Ratio Type Estimators of Square of Coefficient of Variation using Qualitative Auxiliary Information under double Sampling Scheme. Int. Jour. Agricult. Stat. Sci., Vol.7, No.1, PP.233-242(2011), ISSN:0973-1903, International

91.	An Improved General Class of Estimators Estimating Population Mean Using Auxiliary Information Inter. Jour. of Statistics and System . Vol.6, No. 1, pp.1-7,(2011),ISSN:0973-2675, International
92.	A probability model for the total number of out migrants from the rural area. Journal of comp. and maths. Sc. Vopl.2 n0.4 pp 669-673(2011),Single , ISSN:0976-5727,
93.	An inflated Compounded probability Model for out migration pattern. Reflections des ERA-JMS, Vol.6, No.2 pp.199-208 (2011), ISSN:0973-4597,
94.	"An Inflated Probability Model for the Rural Out-Migration" Recent Research in Science and Technology Vol 3, No 7 (2011), ISSN : 2076-5061,
95.	Improved Exponential Estimator of Population Mean using Quantitative Auxiliary Information under two phase sampling. Investigation in Mathematical Sciences Vol. 1, No.1 pp.85-94(2011), , ISSN:02250-1436,
96.	Improved Estimator using Exponential Estimator for the Population Variance using Auxiliary Information. International Transaction in Applied Sciences Vo.3 No.3 pp.345-354 (2011), ISSN:0974-7273, International
97.	Library decision making using data warehousing and data mainingInternational journal of advances in science & technology, vol. 2, no. 2 pp-64-74, ISSNO. – 2229-5208, International
98.	Use of Auxiliary Information for Improved Estimation of Population Variance. Investigation in Mathematical Sciences Vol. 2, No.1 pp.149-156(2012),ISSN:02250-1436,
99.	Improved family of estimator for population variance using qualitative auxiliary information.Assam statistical review vol. 26, no. 2, pp-63-70, 2012, ISSN-0976-4291,
100.	Construction of Control Chart for Power Supply Modal in Queuing Theory. Journal of Mathematics & Computing System, Vol. 3, No. 2, pp.-27-32. (2012), , ISSN:0976-9048,
101.	On Comperative study of time series modeling in context to extreme maximum temperature in Jharkhand state, India.International Journal of current science and technology vol. 1 no 1 pp-52-60, (2012), ISSNO. – 2278-6198, International
102.	An Inventory Model for deteriorating item with 2-levels storage with uniform demand and shorted under inflation and completely backlogged. Investigation in Mathematical Sciences Vol.3(1) pp. 47-57, 2013, ISSN:02250-1436,
103.	Parametric Estimation of Inflated Type Migration Model. International Journal of Physical & Social Sciences , Vol.3, No.3 ,pp.25-32 (2013), ISSN:02249-5894, International
104.	A ratio cum dual to ratio estimator population variance using qualitative auxiliary information under simple random sampling.Mathematical journal of Interdisciplinary sciences vol. 2, no. 2, pp-91-96, 2013,ISSN-2278-9561,
105.	Recommendations of Library Collections by the Use of Data Mining Technique. International Journal of Current Sciences & Technology, Vol.2 No.1 pp. 47-55 (2013), , ISSN:02278-6198, International
106.	Generalized classes of unbiased sampling strategies, Mathematical Forum, 2013 , Vol.25, PP.37-56 (2013), ISSN:0972-9852,
107.	Sized Biased Probability Model on Rural Out- Migration. International Journal of Statistica &

	Mathematica, Vol.7 No.3 PP. 49-52, (2013), ISSN:02277-2790, International
108.	A Probability Model For First Conception & Its Bayesian analysis. Journal of Computer & Mathematical Sciences, Vol.4, PP.179-185, (2013), ISSN:0976-5727,
109.	Continuous Fertility Model and its Bayesian Analysis. Research Journal of Mathematical & Statistical Sciences. vol.2, pp. 7-10 (2014) , ISSN:2320-6047,
110.	A Mathematical Programming Approach for Sugar Cane Cultivation in the state of North India. Journal of Physical Sciences, Engineering & Technology (JPSET). Vol.4, No.2, PP.66-72, 2013.ISSN:02229-7111,
111.	FDI in Indian Retail Market: The Proxy Way of Using Game Theory by Multinational Companies in India Market". [International Transactions in Applied Sciences(ITAS),Vol 5(1), 75-82,2013]., ISSN: 0975-3761, Interational
112.	"A Displaced Probability Model for the Single Male Out Migrants From Rural to Urban Areas" [International Journal of Applied Mathematics ,IJAM (Vol 2 issue1, Feb. 2014,], ISSN: 0975-3761, Interational
113.	"An optimum inventory policy for exponentially deteriorating items, considering multi variate Consumption Rate with Partial Backlogging" [Published in Mathematical Journal of Interdisciplinary Sciences Vol 2(2), (2014).ISSN: 2278-9561
114.	"A Displaced Probability Model for Child Mortality in a family" International Journal of Statistics and Application, C.A, U.S.A. , ISSN: 2168-5193 International
115.	Bayesian Analysis of Continuous Fertility Model, International Journal of Statistika and Matematika, Volume 9, Issue 3, 2014 pp 66-68 ISSN: 2277-2790 International
116.	A New Efficient Estimator For The Population Mean . Investigations in Mathematical Sciences ,Vol. 4, No. 2,pp-153- 162 (2014).Single , ISSN: 2250-1436
117.	Bayesian Analysis of a Probability Model For First Conception. Rajasthan Academy of Physical Sciences, Volume 13 No.1 , pp-97-107 (2014) , ISSN: 09722-6306
118.	A study of EOQ Model with Ramp Type of Demand. Int.J.of Scientific and Innovative Mathematical Research, Volume 3, No.7, pp.36-42 (2015), ISSN: 2347-3142 International
119.	An Inflated Probability Model on Rural Out-Migration. Journal of Computer and Mathematical Sciences, Volume 6, No. 12, pp. 702-711 (2015), Co- Author, ISSN: 0976-5727
120.	A Displaced Probability Model for child mortality for fixed parity, Int. J. of Science & Research, Volume 4, No. 12 (2015) pp.1681-1685,Co- Author, ISSN: 2319-7064 International
121.	Model for population growth with the marriage rate dependent on the migration Journal of Comp. and Mathematical sciences vol. 7, no. 5, pp-259-264, 2016, ISSN-0976-5727,
122.	Estimation of Reliability function of Lomex distribution via Bayesian approach International Journal of Mathematics Trends and Technology Vol.40, No.4, pp.252-254, 2016, ISSN – 2231-5373, International
123.	A study of Integrated Model with variable production and demand rate under Inflation Journal of Comp. and Mathematical sciences vol. 7, no. 12, pp-674-681, 2016, ISSN-0976-5727,
124.	Bayesian Estimation of Reliability Function of Weibull DistributionAsian Journal of Mathematics &

	Computer Research, Vo.13 (3), pp.-162-167, 2016,ISSN-2395-4205, International
125.	Bayesian Estimation of the scale parameter of Weibull distribution under entropy loss function, Journal of Statistics & Mathematical Engineering, Vo.2(2), pp.1-7, 2016, ISSN:3398-5206,
126.	Bayesian Analysis of Inflated Migration Model , Int. Journal of Computer & Mathematical Sciences Vol. 7 (6) pp-336-339 (2016) ISSN No. 0976-5727, , International
127.	An Inflated Probability Model For Adult Out Migration Pattern, Journal Of International Academy of Physical Sciences Vol 20 (4)pp-319-324(2016) ISSN NO.0974-9373, International
128.	A new difference type Median based Estimators of finite population MeanInternational Journal of Agricultural & Statistical Science, Vol.13(1), pp.289-295(2017), ISSN:0973-1903, , International
129.	A Study of Production Inventory Policy with Stock Dependent Demand Rate. International Journal of Statistics and Systems Vol 12(3) pp-431-439(2017) ISSN-0973-2675, International
130.	A Short Review of Estimation of Population Variance through Ratio Estimators J.of Ramanujan Society of Math. And Math.Sc. Vol 6(1) pp-107-116 ISSN -2319-1023
131.	A Proposed Probability Model For the Single Male Out Migrants from Rural to Urban Areas, International journal of Emerging Trends in Science and Technology,Vol 4(7) pp-5326-5336 (2017) ISSN 2348-9480, International
132.	Sized Biased Migration Model , Research Journal of Mathematical and Statistical Sciences, Vol 5(8)pp-7-9(2017) ISSN.2320-6047
133.	Bayesian Estimation of the Parameter of the p-dimensional sized biased Rayleigh Distribution, Lietuvos Statistikos Darbai(Russia), Vol.56, No.1, pp.88-91(2017)
134.	A Comparative Analysis of Solution Method of TSP and Case of Maximization in Assignment Problem, International Journal of Advance and Innovative Research, Vol-5, issue-3 pp 48-53 (2018), ISSN 2394-7780
135.	A Study of Production Inventory Model with Time Dependent Quadratic Demand and Variable Holding, International Journal of Research and Analytical Review, Vol 5, issue-3 pp303-308 (2018), ISSN 2348-1269
136.	Study of EOQ Model with Quantity Incentive Strategy for Deteriorating Items and Partial Backlogging.International Journal of Research and Analytical Review, Pp436-439 (2018), ISSN 2349-5138.
137.	Cooperative Game Theory Approaches to Manage Traffic Congestion in wireless Network, Bulletin of Pure and Applied Sciences, Section E, ISSN0-0970-6577, Vol-38E, No-2, (2019)
138.	Estimation of Scale Parameter of Ailmujia Distribution. Asian Journal of Mathematics and Computer Research Vol. 26(3), pp-148-154(2019), Issue – 2395 – 4205.
139.	Parameter Estimation of Makagami Distribution under Precautionary Loss Function. South – East Asian J. of Maths and Mathematical Sciences Vol. 16. No-2, pp-12-20, (2020) ISSN – 2582-0850.
140.	Bayesian Estimation of Shape Parameter of Erlang distribution under Precautionary Loss Function, Journal of Statistics and Mathematical Engineering Vol. 6 Issue-2, pp-19-22(2020) ISSUE-2581-7647.

141.	Parameter Estimation of Inverted Exponential Distribution Journal of Engineering Science, Vol.11, ISSN-0377-9254(2020) pp-757 – 765.
142.	Parameter Estimation for the class of Life – Time Distributions, Bulletin of Mathematics and Statistics Research Vol.8, ISSUE -2, pp.42-48, (2020) ISSN-2348-0580.
143.	Bayesian Estimation of Parameters of Inflated Geometric Distribution, International Journal of Research-Granthaalayah, Vol.8(05), pp-126-131,(2020), ISSN. 2350-0530.
144.	Parameter Estimation of Area Biased Rayleigh Distribution, International Journal of Statistics & Applied Mathematics Vol. S. No-4, pp-27-33,(2020) ISSN-2456-1452
145.	Parameter Estimation of Lomax Distribution under Weighted Loss Function. Scholars Journal of Physics, Mathematics and Statistics.Vol.07i07.005, pp 104-109, ISSN 2393-8056 (2020).
146.	Bayesian Estimation of Shape Parameter of Generalized Pareto Distribution under Different Loss function–International Journal of statistical Analysis vol.1 No.-3 pp-1-4(2020)
147.	Parameter Estimation of Dagum Distribution under Asymmetric Loss functionint, Jour. of Innovation in science and mathematics. Vol.8. No-5 pp-191-197. ISSN 2347-9051
148.	Bayesian Estimation for the parameter of Area Biased Ailamujia Distribution-Int. Journal of Mathematics and Statistics Invention vol.8 No.7 pp-8-14(2020) ISSN-2321-4759
149.	Bayesian Estimation of Shape Parameter of Double Pareto Distribution Under Different Loss function. – International Journal of Applied Mathematics and statistics vol. 9, No-5, pp-31-38 (2020) ISSN-2319 – 3980 (Scopour)
150.	Estimation of Shape Parameter of Exponentiated Pareto Distribution via Bayesian Approach –Int. J. Math. And Appl. Vol.8 No-3, pp-85-91 (2020) ISSN-2347-1557.
151.	Estimation of Scale Parameter of Exponentiated Lomax Distribution via Bayesian Approach International Journal of Engineering, Science and Mathematics, vol. No-9, pp-44-53, (2020) ISSN – 2320-0294.
152.	Estimation of scale parameter of Length Biased Nakagami Distribution via Bayesian Approach Journal of Rajasthan Academy of Physical Sciences vol.19, No.-3 & 4, pp-36-43,(2020) ISSN -
153.	Parameter Estimation of Area Biased Maxwell Distribution, International Journal of Mathematics and Computer Application Research, vol -10, No-2, pp-29-38-ISSN-2249-6955.
154.	Bayesian Estimation for the Parameter of Area Biased Maxwell Distribution. Research and Communication in Mathematics and Mathematical Science vol. No. pp-(2020) ISSN-2319-6939.
155.	Parameter Estimation of Inverted Exponential Distribution via Bayesian Approach. International Journal of Physics and Mathematics Vol.2 No.-2, pp-14-20,(2020) ISSN-2664-8644.
156.	Bayesian Estimation of Reliability function of Rayleigh Distribution, Journal of Rajasthan Academy of Physical Sciences, vol.19, No.-3 & 4. Pp-(2020) ISSN0972-6306.
157.	Parameter of Estimation of Dagum Distribution International Journal of Mathematics, Trend and Technology, Vol.66 ISS-9 No.-1, pp-239-245(2020) ISSN – 2349-5758.
158.	Parameter Estimation of Generalized Gamma Distribution under Different Loss Function. International Journal of Trend in Scientific Research and Development, vol.-05, No.1, pp-628-63, ISSN- 2456 – 6470.

159.	Bayesian Estimation of Scale Parameter of Nakagami Distribution using Asymmetric Loss Function. International Journal of Mathematical Science and Engineering Application, vol.-14, No-2, pp-1-9 (2020) ISSN. 0973 – 9424.
160.	Parameter Estimation of Inverse Gaussian Distribution under Different Loss function. Bulletin of pure and Applied Science, Sec-E-Maths & Stats. Vol39 No-E(2) pp-206-211, (2020) ISSN-0970-6577.
161.	Parameter Estimation of p-dimensional Rayleigh Distribution under weighted loss function, Ratio Mathematics Vol. 39 pp- 69-77 (2020) ISSN – 1592 – 7415.
162.	Parameter Estimation of Area Biased Ailamujia Distribution. International Journal of Physics and mathematical Sciences, vol.10, pp-21-28(2020), ISSN – 2277-2111.
163.	An inflated Probability model for Commutation Pattern. Bulletin of Mathematics and statistics Research, Vol.8, No-4, pp-101-108(2020) ISSN-2348 – 0580.
164.	Parameter Estimation of p-dimensional Rayleigh Distribution under Different Loss function. IOSR- Journal of Engineering, vol.10 No-12 Sr.-2 pp-19-26(2020) ISSN- 2278-8719.
165.	Bayesian Estimation of Shape Parameter of Power Lomax Distribution Under Different Loss Function. Journal of Mathematical Science and Computational Mathematics, Vol.2. No.- 2, pp-227-235 (2021), ISSN – 2278 – 8719.
166.	Parameter Estimation of Exponentiated Gumbel Distribution via. Bayesian Approach, IOSR – Journal of Mathematics, Vol.17, No.-1, Sr.-II, pp-55-61 (2021), ISSN – 2319-765X.
167.	Bayesian Estimation of Area Biased Rayleigh Distribution under Different Loss Function. Global Journal of Pure and Applied Mathematics vol.21, No-1, pp-17-25(2021) ISSN-0973 – 1768
168.	Bayesian Estimation of Scale Parameter of Frechet Distribution. Far East Journal of Theoretical Statistics, Vol.61, No.-1, pp- (2021), ISSN – 0972 – 0863.
169.	Bayesian Analysis of Exponentiated Modified Weibull Distribution. International Journal of Statistics and System. Vol.16, No.-1, pp-17-25(2021), ISSN – 0973-2675
170.	Estimation of Extended Exponentiated Weibull Distribution under various Loss Functions. International Journal of Mathematics Archive. Vol. 12, pp- (2021) ISSN-2229 – 5046.
171.	Bayesian Estimation for the Parameter of Gamma Lomax Distribution under Different Loss Function. International Journal of Scientific Research in Mathematical and Statistical Sciences, Vol.8, No.1, pp-7-16,(2021) ISSN – 2348 – 4519.
172.	Parameter Estimation of Exponential Pareto Distribution via Bayesian Approach. International Journal of Mathematics, Trend and Technology, Vol.67, No. -2 pp -7-14,(2021) ISSN-2349-5758.
173.	Bayesian Estimation of Exponentiated Transmuted Rayleigh Distribution. Bulletin of Mathematics and Statistics Research, vol. 9, No-2, pp-5-12,(2021), ISSN-2348-0580.
174.	Parameter Estimation of Exponential Gamma via Bayesian Approach. Journal of Research in Applied Mathematics, vol.7, No – 1, pp- 7-13,(2021), ISSN-2394-0735.

175.	Estimation of Scale Parameter of Length Biased Nakagami Distribution via Bayesian Approach. Journal of Rajasthan Academy of Physical Sciences, Vol.19, No.3 & 4, pp-181-190(2020) ISSN 0972-6306.
176.	Parameter Estimation of Generalized Inverted Exponential Distribution via Bayesian Approach. Scholar Journal of Physics, Mathematics and Statistics Vol. 8 No-2, pp- 29-34(2021) ISSN 2393-9056.
177.	Parameter Estimation of Length Biased Weighted Frechet Distribution via Bayesian Approach. Asian Journal of Probability and Statistics, vol.11, No-1, pp-42-51(2021) ISSN 2582-0230.
178.	Bayesian Estimation for the Parameter of Gamma Lomax Distribution under Different Loss Function. International Journal of Scientific Research in Mathematical and Statistical Sciences, vol.8, No.-1, pp-42-51.(2021) ISSN 2308-4819.
179.	Parameter Estimation of Exponentiated Generalized Frechet Distribution via Bayesian Approach. International Journal of Statistics and Applied Mathematics, vol.-6, No-1, pp-216-222(2021) ISSN 2456 – 1452
180.	Bayesian Estimation of Exponentiated Inverse Rayleigh Distribution. International Journal of Scientific Research and Management, vol.9 No-3-M, pp-321 – 328.
181.	A study of Inventory Model for Pharmaceutical Items Associated with health care Industries, Innovations, vol.64, pp- 564 – 571,(2021) ISSN 1767 – 4982.
182.	Bayes Estimation of Shape Parameter of Length Biased weibull Distribution Jurnal. Teori dan Aplikasi Mathematics vol.5, No.-1, pp-28-35(2021), ISSN 2597 – 7512.
183.	Parameter Estimation of Exponential Transmuted Frechet Distribution via Bayesian Approach. International Journal of Mathematical Sciences and Applications, vol.11 No-1, pp-1-9(2021) ISSN 2230 – 9888.
184.	Bayesian Estimation of Exponentiated Weibull Rayleigh Distribution. International Journal of Engineering Science and Mathematics, vol.10, No-3, pp-15-23(2021), ISSN 2320-0294.
185.	Estimation of Scale Parameter of Weibull–Lomax Distribution via Bayesian Approach. International Journal of Mathematics and Computer Research, Vol.9, No. -5, pp-2299-2302 (2021), ISSN-2320-7167.
186.	Parameter Estimation of Frechet Distribution via Bayesian Analysis. International Journal of Mathematics Archive, Vol.12 No.-5 pp-31-36(2021), ISSN-2229-5046.
187.	Bayes Estimation under Different Loss Functions of Exponentiated Weibull Distribution. Aryabhata, Journal of Mathematics & Information, vol. 13, No-1, pp-91-98(2021) ISSN – 0975 – 7139.
188.	Parameter Estimation of Length Biased Nakagami Distribution. Research Journal of Mathematical and Statistical Sciences Vol.-9, No.-2, pp-1-5(2021), ISSN – 2320 – 6047.
189.	Parameter Estimation of Exponential Transmuted Frechet Distribution via Bayesian Approach. International Journal of Mathematical Science and Applications. Vol.11, No.1, pp-9-17(2021), ISSN- 2230 – 9888.
190.	Parameter Estimation of Weibull Exponential Distribution under different Loss Function. International Journal of Statistika and Matematika Vol.35, No.-1, pp- 1-6, (2021), ISSN-2277-

	2790.
191.	Bayesian Estimation of Reliability Function of Rayleigh Distribution. Journal of Rajasthan Academy of Physical sciences, Vol. 20, N- 1&2, pp- 13-24, (2021) ISSN-0972-6306
192.	Reliability Estimation of Weibull Exponential Distribution Via Bayesian Approach, Ratio Mathematics, Vol. 40, pp-123-137, (2021) ISSN 1592-7415.
193.	Parameter Estimation of Nakagami Distribution Under Weighted Loss Function, Research and Reviews: Journal of Statistics, Vol. 10 No. 2, pp- 23-28, ISSN 2278-2273.
194.	Parameter Estimation of exponentiated Generalized Inverted Exponential Distribution Via Bayesian Approach. Journal of Econometrics and Statistics Vol. 1, No.-1, pp-93-101,(2021) ISSN 2583-0473.
195.	Parameter Estimation of Wiebull Frechet Distribution Via Bayesian Approach. Journal of Emerging Technologies and Innovative Research, Vol. 8, No.-12, pp-584-589,(2021) ISSN 2349-5162.
196.	Bayesian Estimation of Shape Parameter of Toppleone Dagum Distribution, IJO International Journal of Mathematics, Vol. 4, No. 1, Sr. 1, pp. 1-8, (2021).
197.	Bayesian Estimation of Shape Parameter of Lomax Exponential Distribution, IOSR Journal of Mathematics, Vol. 18, No. 1, Sr. 1, pp. 55-60 (2022), ISSN 2319765X.
198.	Parmeter estimation of exponential Tayleigh Distribution under Different Loss Functions. Memories of Scientific, Romanian Academy, Section Series –IV vol- XLIV, pp. 81-90,(2021)
199.	Parameter estimation of exponential Gamma Distribution via Bayesian approach. International Journal of Science Academic Research, Vol. 3, No.1, pp. 3394-3397, (2022) ISSN 2582-6425
200.	Parameter estimation of generalized Inverse generalized Weibull Distribution via Bayesian approach. European Scholar Journal, Vol. 3, No.3, pp.23-28, (2022) ISSN 2660-5562

Annex II

BOOK PUBLISHED:

1	Population growth and migration models, Radha Publication, New Delhi, 1999,ISBN NO-81-85484-63-5Single
2.	Computer Oriented Numerical AnalysisDominant Publication New Delhi, 2003, ISBN No. 81-7888-089-X
3	Diophantine Equations, K.D. Publishing, 2021, ISBN-979-8458828918
4	Recent Trends in Physical Sciences and Engineering, K.D. Publishing, 2021, ISBN-979-8475431672.
5	Fourier Transforms With Applications, KY Publications, 2021, ISBN-978-81-948075-6-8.
6	Advances in Mathematical and Statistical Modelling, Weser Book Publishing, Zittau, Germany,2021, ISBN 978-3-96492-334-9
7	Mathematical Modelling in Engineering and Science, Amazon Publisher,2021, ISBN 13-979-8496884136.
8	Covid-19 and It's Impact on Indian Education System. Asistva Prakashan,2021, ISBN 9789391219406.