C.V.

Name:	**Dr. Arun Kumar Rao**
Date of Birth:	07-07-1972
Gender:	Male
Category:	General
Religion:	Hindu
Marital Status:	Married
Father's Name:	Sudarshan Rao
Mother's Name:	Usha Rao
Permanent Address:	Janta Tractors, Captainganj, Kushinagar, U.P.-274301
Temp. Address:	37-A, Betiahata, Gorakhpur, U.P.
Nationality:	Indian
Mob. No. :	9415385073
E-mail ID:	arunrao1972@gmail.com

Academic Qualification:

Exams	Year	Board/University	Subject / Topic	Division
High School	1988	U. P. Board Allahabad	Hindi, English, Maths-2, Sci.-2, Bio., So. Sc.	I (60.5%)
Intermediate	1991	U. P. Board Allahabad	General Hindi, English, Maths, Physics, Chemistry	II (59.6%)
B.A.	1994	D.D.U. Gorakhpur University, Gorakhpur	Mathematics, Statistics, Economics	II (53.5%)
M.A.	1997	D.D.U. Gorakhpur University, Gorakhpur	Statistics	I (68.2%)
Ph.D.	2003	D.D.U. Gorakhpur University, Gorakhpur	Bayesian Estimation of Parameters and Reliability under Asymmetric Loss Functions with Censoring	Awarded

Teaching Experience: 19 Years

Name of University/ College/ Institute	Designation	Status	Pay-Scale/ Consolidated salary	From	To	Effective Time Period
D.D.U. Gorakhpur University, Gorakhpur	Honorarium Lecturer	Ad-hoc	5000-12000	1 Aug 2003	31 Mar 2010	7 Years
Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	Assistant Professor	Ad-hoc	9000-12000	1 July 2011	30 June 2015	4 years
Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	Assistant Professor	Permanent	20120	1 July 2015	Till date	8 Years

Published Papers in Journals: 81

Sl. No.	Title with page nos.	Journals as notified by the UGC	ISSN/ ISBN No.	Impact factor, if any	No. of co-authors	Whether you are the main author	API Score	Sl. No. of Journal in UGC List
1	Bayesian estimation of Shape parameter and reliability function of Generalized Pareto distribution using the Linex loss function with censoring, 81-93.	J. Nat. Acad. Math. Vol. 14, 2000.	0970-5228	NA	2	corresponding author	9.1	42868
2	Bayesian estimation of the Shape parameter and reliability of Generalized Pareto distribution using Precautionary loss function with censoring, 47-56.	South East Asian J. of Mathematics and Mathematical Sciences, Vol. 2, No. 2, 2004.	0972-7752	NA	2	corresponding author	9.1	381
3	Bayesian estimation of reliability function of Generalized Pareto distribution,75-80.	South East Asian J. of Mathematics and Mathematical Sciences, Vol. 4, No. 1, 2005.	0972-7752	NA	0	Main author	13	381
4	The minimized Shrinkage estimators for the variance of scale parameter of Gamma distribution, 17-22.	South East Asian J. Math. & Math. Sc., Vol. 4, No.3, 2006.	0972-7752	NA	2	No	3.9	381
5	Bayesian estimation of scale parameter of Generalized Gamma distribution using Precautionary loss function, 21-27.	Indian J. Appl. Statistics, 10, 2006.	0971-9644	NA	1	corresponding author	9.1	
6	Bayesian estimation of scale parameter of p-dimensional Rayleigh distribution using Precautionary loss function, 1-8.	Varahmihir Journal of Mathematical Sciences, Vol. 8, No. 1, 2008.	0972-7329	NA	1	corresponding author	9.1	46464
7	Bayesian estimation of MTTF of log - normal distribution, 10-15.	Vidarbha Journal of science, Vol. 4, No. 1-2, 2009.	0973-8932	NA	1	Main author	9.1	44926
8	Bayesian estimation of the shape parameter of a Generalized Pareto distribution under Asymmetric loss functions, 69-83.	Hacettepe Journal of Mathematics and Statistics, Vol. 38 (1), 2009.	1303-5010	0.413	1	corresponding author	12.6	16786 scopus
9	Bayesian estimation of scale parameter of Inverse Gaussian distribution using Linex loss Function, 171-176.	J. Comp. & Math. Sci., Vol. 1 (2), 2010.	0976-5727	4.655	1	corresponding author	19.6	48179

10	A class of shrinkage estimators for the variance in two-parameter Gamma distribution,79-89.	South East Asian J. Math. & Math. Sc., Vol. 9, No.3, 2011.	0972-7752	NA	2	corresponding author	9.1	381
11	Bayesian analysis of Continuous Fertility model, 82-84.	International Jour. of Statistika and Mathematika, vol. 9, Issue 3, 2014.	2249-8605(E)	4.232	2	No	6.9	62572
12	Bayesian analysis of a probability model for first conception, 97-107.	Journal of Rajasthan Academy of Physical Sciences, Vol. 13, No. 1, March. 2014.	0972-6306	NA	2	No	3.9	275
13	Bayesian estimation of reliability function of Weibull distribution, 162-167.	Asian Journal of Mathematics and Computer Research, 13 (3), 2016.	2395-4205	NA	1	Main author	9.1	48884
14	Bayesian estimation of the scale parameter of Weibull distribution under Entropy loss function, 1-7.	Journal of Statistics and Mathematical Engineering, Vol. 2, Issue 2, 2016.	2581-7647	NA	1	Main author	9.1	
15	Estimation of reliability function of Lomax distribution via Bayesian Approach, 252-254.	International Journal of Mathematics Trends and Technology (IJMTT), vol. 40, No. 4, Dec.2016.	2231-5373	2.53	2	Main author	19.6	48198
16	Bayesian estimation of the parameter of the p-dimensional size-biased Rayleigh distribution, 88-91.	Lithuanian journal of Statistics, Vol. 56, No. 1, 2017.	2029-7262	NA	2	Main author	9.1	
17	Estimation of scale parameter of Ailamujia distribution, 148-154.	Asian Journal of Mathematics and Computer Research, 26 (3), 2019.	2395-4205	NA	1	Main author	9.1	
18	Parameter estimation for the class of life-time distributions, 42-48.	Bulletin of mathematics and statistics research, Vol.8, Issue.2, 2020.	2348-0580	NA	1	Main author	9.1	
19	Parameter estimation of area biased Rayleigh distribution, 27-33.	International Journal of Statistics and Applied Mathematics 5(4), 2020	2456-1452	5.34	1	Main author	23.1	
20	Parameter estimation of inverted exponential distribution, 757-765.	Journal of Engineering Sciences, Vol 11, Issue 7,July 2020.	0377-9254	6.54	1	Main author	23.1	20446
21	Bayesian Estimation for the Paremeter of Area Biased Ailamujia Distribution, 8-14.	International Journal of Mathematics and Statistics Invention (IJMSI) Vol. 8 Issue 7, July 2020.	2321-4759	NA	1	Main author	9.1	

22	Bayesian Estimation of Shape Parameter of Erlang Distribution under Precautionary Loss Function, 19-22.	Journal of Statistics and Mathematical Engineering, Volume-6, Issue-2 (May-August, 2020). https://doi.org/10.46610/JOSME.2020.v06i02.004	2581-7647	NA	1	Main author	9.1	
23	Bayesian estimation of parameters of inflated geometric distribution, 126-131.	International Journal of Research – GRANTHAALAYAH, Vol 8(05), May 2020. https://doi.org/10.29121/granthaalayah.v8.i5.2020.108	2350-0530	NA	1	No	3.9	
24	Bayesian Estimation of Shape Parameter of Generalized Pareto Distribution Under Different Loss Functions, 1-4.	International Journal of Statistical Analysis. Vol.1,(3), 2019.	2690-2265	NA	1	Main author	9.1	
25	Bayesian estimation of the shape parameter of double pareto distribution under different loss function, 31-38.	International Journal of Applied Mathematics & Statistical Sciences, Vol. 9, Issue 5, Aug–Sep 2020.	2319-3980	5.3784	1	Main author	23.1	
26	Estimation of Shape Parameter of Exponentiated Pareto Distribution Via Bayesian Approach, 85-91.	International Journal of Mathematics And its Appllications, 8(3), 2020.	2347-1557	NA	1	Main author	9.1	
27	Parameter estimation of Nakagami distribution under precautionary loss function, 255-262.	South East Asian J. of Mathematics and Mathematical Sciences. Vol. 16, No. 2, 2020.	0972-7752	NA	1	Main author	9.1	381
28	Parameter Estimation of Lomax Distribution under Weighted Loss Function, 104-109.	Scholars Journal of Physics, Mathematics and Statistics, 7(7), 2020. DOI: 10.36347/sjpms.2020.v07i07.005	2393-8064	1.0	1	Main author	16.1	
29	Parameter Estimation of Dagum Distribution Using Asymmetric Loss Functions, 191-197.	International Journal of Innovation in Science and Mathematics Volume 8, Issue 5, 2020.	2347-9051	No	1	Main author	9.1	
30	Estimation of scale parameter of exponential-lomax distribution via bayesian approach, 44-53.	International Journal of Engineering, Science and Mathematics. Vol. 9, Issue 9, Sept., 2020.	2320-0294	6.765	1	Main author	23.1	

31	Parameter estimation of inverted exponential distribution via Bayesian approach, 14-20.	International Journal of Physics and Mathematics, Vol. 2; Issue 2; 2020.	2664-8644	5.46	1	Main author	23.1	
32	Parameter estimation of area biased Maxwell distribution, 29-38.	International Journal of Mathematics and Computer Applications Research. Vol. 10, Issue 2, Dec 2020.	2249-8060	6.9195	1	Main author	23.1	scopus
33	Parameter Estimation of Generalized Gamma Distribution under Different Loss Functions, 628-631.	International Journal of Trend in Scientific Research and Development. Vol. 5 Issue 1, Nov.-Dec. 2020.	2456-6470	6.410	1	Main author	23.1	
34	Parameter estimation of inverse Gaussian distribution, 1-7.	Journal of the Maharaja Sayajirao University of Baroda, Vol.-54, No.2 (XIV), 2020.	0025-0422	NA	1	Main author	9.1	301
35	The parameter estimation of inverse Gaussian distribution under different loss functions, 206-211.	Bull. Pure Appl. Sci. Sect. E Math. Stat. 39E(2), 206–211, 2020. DOI: 10.5958/2320-3226.2020.00021.1	2320-3226	0.011	1	Main author	12.6	
36	Parameter estimation of p-dimensional Rayleigh distribution under weighted loss function, 69-77.	Ratio Mathematica**,** Vol. 39, 2020. DOI:10.23755/rm.v39i0.561	2282-8214	2.7	1	Main author	19.6	354
37	Parameter Estimation of P-Dimensional Rayleigh Distribution under Different Loss Functions, 19-26.	IOSR Journal of Engineering (IOSRJEN), Vol. 10, Issue 12, Dec. 2020.	2250-3021	6.645	1	Main author	23.1	
38	Bayesian estimation for the parameter of area biased Maxwell distribution, 1-12.	Research and Communications in Mathematics and Mathematical Sciences, Vol. 13, Issue 1, 2021.	2319-6939	NA	1	Main author	9.1	
39	Parameter estimation of Dagum distribution, 239-245.	International Journal of Mathematics Trends and Technology, Vol. 66, Issue 9, Sep. 2020.	2231-5373	2.53	1	Main author	19.6	48198
40	Parameter estimation of area biased Ailamujia distribution, 21-28.	International Journal of Physics and Mathematical Sciences, Vol. 10, 2020.	2277-2111	NA	1	Main author	9.1	

41	Estimation of scale parameter of length biased Nakagami distribution via bayesian approach, 181-190.	Journal of Rajasthan Academy of Physical Sciences, Vol.19, No.3&4, July-December, 2020.	0972-6306	NA	1	Main author	9.1	275
42	Bayesian estimation of exponentiated modified Weibull distribution, 17-25.	International Journal of Statistics and Systems, Vol. 16, Number 1, 2021.	0973-2675	NA	1	Main author	9.1	
43	Bayesian estimation of exponentiated transmuted Rayleigh distribution, 5-12.	Bulletin of Mathematics and Statistics Research, Vol.9.Issue.1, 2021.	2348-0580	NA	1	Main author	9.1	
44	Bayesian estimation of shape parameter of power Lomax distribution under different loss function, 227-235.	Journal of Mathematical Sciences & Computational Mathematics, Vol.2, No.2, January 2021.	2644-3368	NA	1	Main author	9.1	
45	Bayesian estimation of area biased Rayleigh distribution under different loss functions, 17-25.	Global Journal of Pure and Applied Mathematics,Vol. 17, Number 1 2021.	0973-1768	0.17	1	Main author	12.6	scopus
46	Parameter estimation of exponentiated gamma distribution via Bayesian approach, 7-13.	Quest Journals Journal of Research in Applied Mathematics, Vol. 7, Issue 1, 2021.	2394-0743	5.09	1	Main author	23.1	
47	Parameter estimation of exponential Pareto distribution via Bayesian approach, 7-14.	International Journal of Mathematics Trends and Technology, Vol. 67 Issue 2, Feb., 2021. doi:10.14445/22315373/IJMTTV67I2P502	2231-5373	2.53	1	Main author	19.6	
48	Parameter estimation of exponentiated Gumbel distribution via Bayesian approach, 55-61.	IOSR Journal of Mathematics, Vol. 17, Issue 1 Ser. II, 2021. DOI:10.9790/5728-1701025561	2278-5728	3.97	1	Main author	19.6	
49	Estimation of extended exponentiated weibull distribution under various loss functions, 24-29.	International Journal of Mathematical Archive-12(1), 2021.	2229-5046	7.543	1	Main author	23.1	
50	Parameter estimation of Length biased weighted Frechet distribution via Bayesian approach, 42-51.	Asian Journal of Probability and Statistics, Vol. 11(1), 2021. Article no. AJPAS.65210	2582-0230	NA	1	Main author	9.1	
51	Parameter estimation of exponentiated generalized Frechet distribution via bayesian approach, 216-222.	International Journal of Statistics and Applied Mathematics 6(1), 2021.	2456-1452	5.34	1	Main author	23.1	

52	Bayesian estimation for the parameter of gamma Lomax distribution under different loss functions, 47-51.	International Journal of Scientific Research in Mathematical and Statistical Sciences, Vol.-8, Issue-1, Feb. 2021.	2348-4519	NA	1	Main author	9.1	
53	Bayesian estimation of exponentiated inverse Rayleigh distribution, 321-328.	International Journal of Scientific Research and Management, Vol. 9 Issue 3, 2021. DOI:10.18535/ijsrm/v9i03.m01	2321-3418	NA	1	Main author	9.1	
54	Bayesian estimation of exponentiated Weibull Rayleigh distribution, 15-23.	International Journal of Engineering, Science and Mathematics, Vol. 10 Issue 3, March 2021.	2320-0294	6.765	1	Main author	23.1	
55	Bayes estimation of shape parameter of length biased Weibull distribution, 28-35.	Jurnal Teori dan Aplikasi Matematika, Vol. 5, No. 1, April 2021. https://doi.org/10.31764/jtam.v5i1.3268	2614-1175	0.61	1	Main author	12.6	
56	Bayesian estimation of scale parameter of Frechet distribution, 49-59.	Far East Journal of Theoretical Statistics, Vol. 61, No. 1, 2021. http://dx.doi.org/10.17654/TS061010049	0972-0863	0.51	1	Main author	12.6	
57	Parameter Estimation of Generalized Inverted Exponential Distribution via Bayesian Approach, 29-34.	Scholars Journal of Physics, Mathematics and Statistics. Vol. 8(2), Feb.2021. DOI:10.36347/sjpms.2021.v08i02.001	2393-8064	1.0	1	Main author	16.1	
58	Estimation of Scale Parameter of Weibull-Lomax Distribution via Bayesian Approach, 2293-2302.	International Journal of Mathematics and Computer Research. Vol. 09, Issue 05, May 2021.	2320-7167	7.184	1	Main author	23.1	
59	Bayes estimation under different loss function for exponentiated Weibull distribution, 91-98.	Aryabhatta Journal of Mathematics & Informatics. Vol 13, No.1, Jan.-June, 2021.	2394-9309	5.856	1	Main author	23.1	3853 scopus
60	Parameter estimation of Frechet distribution, 31-36.	International Journal of Mathematical Archive- 12(5), May-2021.	2229-5046	7.543	1	Main author	23.1	

61	Parameter estimation of exponential transmuted Frechet distribution Via bayesian approach, 9-17.	Int Jr. of Mathematical Sciences & Applications Vol. 11, No. 1, (January-June, 2021)	2230-9888	NA	1	Main author	9.1	
62	Parameter estimation of length biased Nakagami distribution, 1-5.	Research Journal of Mathematical and Statistical Sciences, Vol. 9(2), 1-5, May (2021)	2320-6047	NA	1	Main author	9.1	
63	Reliability estimation of Weibull exponential distribution via Bayesian Approach, 123-137.	Ratio Mathematica, Volume 40, 2021. doi: 10.23755/rm.v40i1.570.	2282-8214	2.7	1	Main author	19.6	354
64	Parameter estimation of Weibull exponential distribution under different loss function, 01-06.	International Journal of Statistika and Mathematika, Volume 35, Issue 1, 2021.	2249-8605	4.232	1	Main author	19.6	62572
65	Bayesian Estimation of Reliability function of Rayleigh distribution, 13-24.	Journal of Rajasthan Academy of Physical Sciences Vol.20, No.1&2, January-June, 2021	0972-6306	NA	1	Main author	9.1	275
66	Parameter Estimation of Exponentiated Generalized Inverted Exponential Distribution via Bayesian Approach, pp 93-101.	Journal of Econometrics and Statistics, Vol. 1, Issue 1, 2021.	2583-0473	NA	1	Main author	9.1	
67	Parameter estimation of weibull Frechet distribution via Bayesian Approach, 584-589.	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 12, Dec. 2021.	2349-5162	7.95	1	Main author	23.1	
68	Bayesian estimation of shape parameter of topp-leone Dagum distribution, 1-8.	Ijo - international journal of mathematics , volume 4, issue 12, Dec.2021	0129-167X	1.08	1	Main author	16.1	
69	Bayesian Estimation of Shape Parameter of Lomax Exponential Distribution, 55-60.	IOSR Journal of Mathematics (IOSR-JM), Volume 18, Issue 1 Ser. I (Jan. – Feb. 2022).	2278-5728	3.97	1	Main author	19.6	
70	Parameter Estimation of Nakagami Distribution Under Weighted Loss Function, 23-28.	Research & Reviews: Journal of Statistics. 10(2);2021. DOI (Journal): 10.37591/RRJoST	2278-2273	NA	1	Main author	9.1	
71	Parameter estimation of exponential gamma distribution via bayesian Approach, 3394-3397.	International Journal of Science Academic Research, Vol. 03, Issue 01, January, 2022.	2582-6425	6.673	1	Main author	23.1	

72	Parameter estimation of generalized inverse Generalized Weibull distribution via bayesian Approach, 23-28.	European Scholar Journal (ESJ) Vol. 3 No.3, March 2022.	2660-5562	7.235	1	Main author	23.1	
73	Reliability Estimation of Weibull Pareto Distribution Via Bayesian Approach, 127-136.	Journal of Econometrics and Statistics,Vol. 2, Issue 1, 2022. DOI: https://doi.org/10.46791/jes.2022.v02i01.07	2583-0473	NA	1	Main author	9.1	
74	Parameter estimation of exponentiated Rayleigh Distribution under different loss functions, 81-90.	Memoirs of the Scientific Sections of the Romanian Academy Tome XLIV, 2021	2343-7049	NA	1	Main author	9.1	
75	Bayesian estimation of scale parameter of Nakagami distribution using asymmetric loss functions, 1-9.	International J. of Math. Sci. & Engg. Appls. (IJMSEA) Vol. 14 No. II (December, 2020)	0973-9424	NA	1	Main author	9.1	
76	Reliability estimation of power Lomax distribution via Bayesian approach, 41-47.	International Journal for Research in Engineering Application & Management (IJREAM) Vol-07, Issue-09, DEC 2021	2454-9150	7.427	1	Main author	23.1	
77	Bayesian Estimation of Shape Parameter of Exponentiated Gumbel Exponential Distribution, 1-4.	IJESC, Volume 11 Issue No.12, 2021	2321-3361	5.611	1	Main author	23.1	
78	Parameter estimation of gamma-pareto Distribution via bayesian approach, 61-70.	International Journal of Mathematics, Statistics and Operations Research Volume 2; Number 1; 2022 : DOI:10.47509/IJMSOR.2022.v02i01.05	2582-9998	0.461	1	Main author	12.6	
79	Bayesian Estimation of Scale Parameter of Power Gompertz Distribution, 13-18.	International Journal of Scientific and Innovative Mathematical Research(IJSIMR) Vol. 10, Issue 1, 2022	2347-3142	NA	1	Main author	9.1	
80	Parameter Estimation of Burr X Frechet Distribution via Bayesian Approach, 195-204.	International Journal of Research in Engineering and Science (IJRES) Volume 11 Issue 2, February 2023	2320-9364	7.52	1	Main author	23.1	

81	Parameter Estimation of Kumaraswamy Exponentiated Frechet Distribution via Bayesian Approach, 6-14.	Pramana Research Journal, Volume 13, Issue 2, 2023	2249-2976	6.2	1	Main author	23.1	

Papers / Chapters published in Books: 4

Sl. No.	Book / Proceedings	Chapter with page No.	Editor ISSN/ISBN No.	No. of co-authors	Whether you are the main author	API Score
1	Proceedings of the Conference on- Advances in Mathematics and its Applications	Bayesian estimation of the scale parameter and reliability of Weibull distribution using Linex loss Function, pp 149-162.	Editor- Prof. R. C. Srivastava 2231-2838	1	Corresponding author	NA
2	Proceedings of the Conference on- Recent Trends in Mathematics & its Applications	Bayesian estimation of the scale parameter of Weibull distribution under Asymmetric loss function, pp 115-137.	Editor- Prof. R. C. Srivastava 2231-2838	0	Main author	NA
3	Statistical Techniques in Life-Testing, Reliability, Sampling Theory and Quality Control	Bayesian estimation of the scale of Gamma distribution using Precautionary loss function , 122-127.	Editor- Prof. B. N. Pandey 978-81-7319-742-0	1	Corresponding author	NA
4	Advances in Mathematics and Computer Science, Vol. 4	Bayesian Approach to Reliability Estimation, pp 98-115.	DOI: 10.9734/bpi/amacs/v4 978-93-89562-50-7	1	Main author	3.5

Published Books: 10

Sl. No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN/ISBN No.	Publisher National/ International	No. of co-authors	Whether you are the main author	API Score
1	Statistical Methods 1-215	Text Book, Single	978-93-81054-93-2	Neelkamal prakashan Shahpur, Gorakhpur National	0	Yes	10
2	Correlation and Regression 1-214	Text Book, Single	978-81-932123-5-6	Kanha publishing house Shahpur , Gorakhpur National	0	Yes	10
3	Some Special Distributions 1-199	Text Book, Single	978-81-932123-8-7	Kanha publishing house Shahpur, Gorakhpur National	0	Yes	10

4	Probability Theory 1-199	Text Book, Single	978-81-932123-9-4	Kanha publishing house Shahpur, Gorakhpur National	0	Yes	10
5	Theory of Estimation 1-175	Text Book, Single	978-81-934553-4-0	Kanha publishing house Shahpur, Gorakhpur National	0	Yes	10
6	Testing of Hypotheses 1-154	Text Book, Single	978-81-934553-5-7	Kanha publishing house Shahpur, Gorakhpur National	0	Yes	10
7	Theory of Sampling 1-155	Text Book, Single	978-81-929457-6-7	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur, National	0	Yes	10
8	Numerical Analysis 1-155	Text Book, Single	978-81-929457-7-4	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur, National	0	Yes	10
9	Demographic Methods 1-147	Text Book, Single	978-81-929457-8-1	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur, National	0	Yes	10
10	Finite Differences & Interpolation 1-137	Text Book, Single	978-81-929457-9-8	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur, National	0	Yes	10

Invited Lectures / Presented Papers: 23

Sl. No.	Title of the Lecture/Academic Session	Title of Conference/ Seminar etc.	Organized by	Whether international / national/state/university level	API Score
1	Bayesian Estimation of the scale parameter of weibull distribution using Precautionary loss function.	SCRA 2002 – FIM IX, Dec 21-23, 2002.	Dept. of Statistics Allahabad University	International	5
2	Bayesian Estimation of the scale parameter and reliability of weibull distribution using Linex loss function.	Recent trends in Mathematics and its application, Feb 28, Mar.1, 2003.	ISMAMS, Gorakhpur	National	3

3	Bayesian Estimation of the scale of Gamma distribution using Precautionary loss function.	International conference on life testing, reliability, sampling theory and Q.C., Dec.29-31, 2003.	Dept. of Statistics BHU, Varanasi	International	5
4	Bayesian Estimation of the shape parameter of generalized pareto distribution under asymmetric loss function.	Emerging dimensions of physical sciences, Feb.06-08, 2004.	Dept. of Maths & Stats., DDU Gorakhpur Univ., Gorakhpur	National	3
5	Bayesian Estimation of the Scale parameter of weibull distribution under asymmetric loss function.	Advances in Mathematics and its applications, Feb.13-15, 2004.	ISMAMS, Gorakhpur	National	3
6	Bayesian Estimation of the Scale parameter of gamma distribution under linex loss functions with censoring.	SCRA 2004 – FIM IX, Dec.27-29, 2004.	Sherwood College of Management, Lucknow	International	5
7	Precautionary and quadratic approximate Bayes Estimators Applied to the generalized pareto distribution.	International workshop/conference on Bayesian Statistics and its applications, Jan.4-8, 2005.	Dept. of Statistics BHU, Varanasi	International	5
8	Bayesian Estimation of reliability function of weibull distribution.	Emerging areas in math. sc. in first quarter of the century, Feb.11-13, 2005.	ISMAMS, Gorakhpur	National	3
9	Bayesian Estimation of MTTF of log normal distribution.	XXIX Indian So. Sc. Congress, Dec.26-30, 2005.	University of Lucknow	National	3
10	Bayesian Estimation of reliability function of Pareto distribution.	Conference on Mathematics, Nov.18-19, 2006.	Dept. of Maths. & Astronomy, University of Lucknow	National	3
11	Bayesian Estimation of the Scale parameter of Rayleigh distribution under linex loss function.	Mathematical Sciences and Technological Innovation Diffusion Mar.16-18, 2007.	ISMAMS, Gorakhpur	National	3
12	Bayesian Estimation of the Scale parameter of Rayleigh distribution under precautionary loss function.	Modern Applications of Mathematical Sciences, Feb.22-24, 2008.	ISMAMS, Gorakhpur	National	3
13	Bayesian Estimation of the scale parameter of inverse Gaussian distribution using linex loss function.	Mathematical Sciences: A Foundation of Science and Technology, Feb.20-21, 2009.	ISMAMS, Gorakhpur	National	3
14	Precautionary and quadratic approximate Bayes Estimators Applied to the generalized pareto distribution with censoring.	Recent Advances in Mathematical Sciences and its applications, Feb.20-21, 2010.	ISMAMS, Gorakhpur	National	3
15	Bayesian Estimation of scale parameter of p- dimensional Rayleigh distribution using linex loss function.	Interdisciplinary Applications of Math. and Statistical Techniques, Feb.25-26, 2012.	ISMAMS, Gorakhpur	National	3
16	Bayesian Estimation of the scale of generalized gamma distribution using precautionary loss function.	Recent Trends in Mathematics and Statistics, Mar.12-13, 2012.	Dept. of Maths & Stats., DDU Gorakhpur Univ., Gorakhpur	National	3

17	Bayes estimation of reliability function of Rayleigh distribution.	Math. Sciences for the advancement of Sc. and Tech., Feb.23-24, 2013.	ISMAMS, Gorakhpur	National	3
18	Bayes Estimation of scale parameter of p- dimensional Rayleigh distribution using precautionary loss function.	Recent Trends in Mathematics and Statistics, July 27-28, 2013.	Dept. of Maths & Stats., DDU Gorakhpur Univ., Gorakhpur	National	3
19	Bayesian analysis of a probability model for first conception.	Role of Mathematical Sciences In Science and Technology, Feb.21-22, 2014.	Dept. of Maths & Stats., DDU Gorakhpur Univ., Gorakhpur	National	3
20	Bayesian analysis of continuous fertility model.	Advances in Math. Sc. and its Applications, Feb.20-21, 2015.	ISMAMS, Gorakhpur	National	3
21	Bayesian Estimation of the scale parameter of weibull distribution under entropy loss function.	Recent Trends in Mathematical sciences, April 12-13, 2016.	Dept. of Applied Science M.M.M. Univ. of Techn., Gorakhpur	National	3
22	Bayesian Estimation of Parameter of p-dimensional Size -biased Rayleigh distribution.	Recent Trends in Mathematical sciences, July 23-24, 2016.	Dept. of Maths & Stats., DDU Gorakhpur Univ., Gorakhpur	National	3
23	Estimation of scale parameter of Ailamujia distribution.	Emerging Trends in Science, Feb.01-02, 2019.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	National	3

Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula

	Academic/Research Activity	Details	API Score
	Design of new curricula and courses	LECTURE PLANS (THEORY AND PRACTICAL) -13	**26**
	E-Content		
	(a) Development of e-Content in 4 quadrants for a complete course/e-book	PROBABILITY THEORY, DESCRIPTIVE STATISTICS, STATISTICAL METHODS, DISTRIBUTION THEORY, STATISTICAL INFERENCE (5 COMPLETE COURSE)	**60**
	(b) Contribution to development of e-content module in complete course/paper/e-book	E- content – UP Higher Education Digital Library. No. of e-content – 71	**355**
	Total		**441**

Summary of API Scores:

PUBLISHED RESEARCH PAPERS	1167.7
BOOKS/CHAPTERS IN EDITED BOOK	103.5
DEVELOPMENT OF NEW COURSES AND e-CONTENT	441.0
PAPERS PRESENTED IN CONFERENCES	77.0
TOTAL	**1789.2**

Seminar /Workshop /Orientation /Refresher /Short term courses – 21

Sl No.	Workshop/ Seminar/ Conference	Title of Conference/ Workshop with date	Organized by / held at	Level
1	Workshop	Preparatory / Tutorial Bayesian Lectures, Jan 04-05, 2005.	Department of Statistics, Banaras Hindu University, Varanasi	International
2	Workshop	Advance Training Program in Mathematics, Oct.12-26, 2007.	ISMAMS, Gorakhpur	National
3	Workshop	Research Oriented Advanced Statistical Techniques, Dec.23-28, 2010.	ISMAMS, Gorakhpur	National
4	Seminar	Role of CST, UP in promotion of Sc. and technology and facilitation of IPR protection, Mar.15, 2015.	Dept. of Maths & Statistics, DDU Gorakhpur University, Gorakhpur	National
5	Workshop	N List Workshop/ Programme, July 10, 2015.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	National
6	Workshop	Orientation Programme, Feb.13 – Mar.11, 2016.	HRDC, DDU Gorakhpur University, Gorakhpur	National
7	Workshop	Sikshan Sansthaon me Saikshik Unnayan June 15-21, 2016.	Maharana Pratap Siksha Parishad, Gorakhnath Mandir, Gorakhpur	Local
8	Workshop	Nath Panth : Sadhana aur Darshan, July 2-3, 2016.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	National
9	Workshop	Academic Unnayan evam Shaiksharik Gurwatta, Oct. 27, 2016	IQAC, MPPG College Jungle Dhusan, Gorakhpur	College
10	Workshop	Refresher Course Feb.03-23, 2017.	HRDC, DDU Gorakhpur University, Gorakhpur	National
11	Workshop	Varshik Rapat evam Anubhav Aadharit Sudhar, Mar. 5-11, 2017.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	College
12	Workshop	Mahavidyalaya work planning, 2017-18, 3-5 July, 2017.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	College

13	Workshop	Anomalies in the syllabus of Indian History and solution,16 Sep,2017.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	College
14	Workshop	Development of Hindi in Independent India, 3-4 feb, 2018.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	College
15	Workshop	Mahavidyalaya Yearly work planning 2018-19, 4-6 July, 2018.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	College
16	Workshop	Yearly Work Planning Evalution,2 Oct, 2018.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	College
17	Conference	Lokbhasha samvardhan me Nathpanth ka yogdan, 22-23 Oct., 2018.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	National
18	Workshop	Academic audit rapat: Samiksha evam sudhar. 13 Nov.,2018.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	College
19	Conference	Recent Trends in Mathematical Sciences. 24-25 Nov.,2018.	D.D.U. Gorakhpur University, Gorakhpur	National
20	Workshop	Online Yog Shivir aivam shaikshik karyshala. 15-21 june, 2020.	Maharana Pratap Siksha Parishad, Gorakhnath Mandir, Gorakhpur	Local
21	Seminar	Mahatma Gandhi evam Deen Dayal Upadhyay ki Buniadi siksha aur Nai Siksha Neeti. 25 Sep., 2020.	Maharana Pratap Mahavidyalay, Jungle Dhusan, Gorakhpur	College

Administrative Experience:

Session	**Nature of the Post**
2015-2016	Member of Proctorial Board, EPF Co-in charge
2016-2017	EPF Co-in charge
2017-2018	EPF In charge, Member of Admission Committee
2018-2019	EPF Co-in charge, Member of Admission Committee
2019-2020	Maintenance In charge, Member of Proctorial Board
2020-2021	EPF In charge, Member of Admission Committee, Maintenance In charge, Member of Proctorial Board
2021-2022	EPF In charge, Member of Admission Committee, Maintenance In charge, Member of Proctorial Board
2022-2023	EPF In charge, Member of Admission Committee, Maintenance In charge

Teaching Methods Adopted:

1. Pre-Declared Teaching Plans.
2. Abstract written in blackboard in last 5-10 minutes in every period.
3. Lectures according to Pre-declared teaching plan.
4. Power Point Presentation.
5. Remedial Classes.
6. Home Work.
7. Class teaching by students.
8. Group discussion.
9. Monthly Test.

Life Membership:

1. National Academy of Mathematics, India.
2. Indian Society of Mathematics and Mathematical Sciences, India.

The above given information is authentic and correct.

Date: (Dr. Arun Kumar Rao)