

1. Details of the Teacher/ Academic :

Name & Date of Birth :	Dr. TARUNA KUMARI & 13.08.1986
Date of Joining in IGNOU:	10.08.2021
Current Designation :	Associate Professor
Pay Scale as on date :	Academic Level 13A of 7 th Central Pay Commission (Rs. 1,31,400 – Rs. 2,17,100/-)
Qualifications :	M.Phil. & Ph.D.

2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:

Name of the recipient	Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body	Agency name /Name of statutory body/ institution/ Apex body	Period
NIL			

3. Books/Book Chapter:

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN No

SNo.	Name of Author1/ Editor 1, & Co-author (s) / Co-editor (s) (if any)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1	Taruna Kumari and Anupam Pathak	Chapter Title: Estimation and testing procedures for the reliability functions of exponentiated generalized family of distributions and a characterizati		Springer Nature Switzerland	2021	34	978-3-030-78918-3 and 978-3-030-78919-0

		on based on records Book Title: Optimization Models in Software Reliability					

4. Research Articles/Publications: (* Corresponding Author)

S N o	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Arti Mishra, Juhi Gupta, Taruna Kumari , Ruchita Pal and I.S. Thakur	Unravelling the attributes of novel cyanobacteria <i>Jacksonvillea</i> sp. ISTCYN1 by draft genome sequencing.	Bioresource Technology	337		2021	0960-8524
2.	Ajit Chaturvedi, Taruna Kumari* & Vijay Kumar Pandey	On the Estimation of Parameters and Reliability functions of a New Two-Parameter Lifetime Distribution based on type II censoring.	STATISTICA	3	201-232	2020	1973-2201
3.	Ajit Chaturvedi and Taruna Kumari*	Estimation and Testing Procedures of the Reliability Functions of Generalized Inverted Scale Family of Distributions.	Statistics-A Journal of Theoretical and Applied Statistics	53(1)	148-176	2019	0233-1888 (P) 1029-4910 (O)
4.	Taruna Kumari , Ajit Chaturvedi and Anupam Pathak	Estimation and Testing Procedures for the Reliability Functions of Kumaraswamy-G Distributions and a Characterization based on Records.	Journal of Statistical Theory and Practice	13:22		2019	1559-8608 (P) 1559-8616 (O)

5.	Taruna Kumari and Anupam Pathak	On the Comparison of Classical and Bayesian Methods of Estimation of Reliability in Multicomponent Stress-Strength Model for a Proportional Hazard Rate Model.	American Journal of Applied Mathematics and Statistics	7(4)	152-160	2019	2328-7306
6.	Ajit Chaturvedi and Taruna Kumari*	Robust Bayesian analysis of generalized inverted family of distributions.	Communications in Statistics-Simulation and Computation	48(8)	2244 - 2268	2019	0361-0918 (P) 1532-4141 (O)
7.	Ajit Chaturvedi and Taruna Kumari*	Estimation and comparison of the stress-strength models with more than two states under Weibull distribution and type II censoring scheme.	Communications in Statistics - Theory and Methods	48(3)	537-548	2019	0361-926 (P) 1532-415X (O)
8.	Ajit Chaturvedi, Taruna Kumari* and Narendra Kumar	Numerical study of robust Bayesian analysis of generalized inverted family of distributions based on progressive type II right censoring.	Communications in Statistics-Simulation and Computation			2019	0361-0918 (P) 1532-4141 (O)
9.	Ajit Chaturvedi, Taruna Kumari* and Narendra Kumar	Bayesian Estimation Procedures for Generalized Inverted Scale Family of Distributions based on Progressive Censoring.	Far East Journal of Theoretical Statistics	56(2)	93-124	2019	0972-0863
10.	Arti Mishra, Rashmi Rathour, Rashmi Singh, Taruna Kumari and Indu Shekhar Thakur	Degradation and detoxification of phenanthrene by actinobacterium Zhihengliuella sp. ISTPL4.	Environmental Science and Pollution Research.	27	27256-27267	2020	0944-1344 (P) 1614-7499 (O)

11.	Taruna Kumari and Bhupender kumar	High-mobility group box 1 protein (HMGB1) gene polymorphisms and cancer susceptibility: A comprehensive meta-analysis.	Clinica Chimica Acta	483	170-182	2018	0009-8981
12.	Taruna Kumari , Meenakshi Vachher, Savita Bansal, Rameshwar N.K. Bamezai and Bhupender Kumar	Meta-analysis of mitochondrial T16189C polymorphism for cancer and Type 2 diabetes risk.	Clinica Chimica Acta	482	136-143	2018	0009-8981
13.	Rashmi Rathor, Juhi Gupta, Bhawna Tyagi, Taruna Kumari and Indu Shekhar Thakur	Biodegradation of pyrene in soil microcosm by <i>Shewanella</i> sp. ISTPL2, a psychrophilic, alkalophilic and halophilic bacterium.	Bioresource Technology Reports	4	129-136	2018	2589-014X
14.	Ajit Chaturvedi and Taruna Kumari*	Robust Bayesian Analysis of Generalized Half Logistic Distribution	Statistics, Optimization & Information Computing	5	158-178	2017	2310-5070
15.	Ajit Chaturvedi and Taruna Kumari*	Estimation and Testing Procedures for the Reliability Functions of a General Class of Distributions.	Communications in Statistics - Theory and Methods	46(22)	11370-11382	2017	0361-926 (Print) 1532-415X (Online)
16.	Ajit Chaturvedi and Taruna Kumari *	Estimation and testing procedures for the reliability functions of a family of lifetime distributions.	<i>InterStat</i>			2015	1941-689X

17.	Taruna Kumari and Anupam Pathak	Relations for moments of generalized order statistics from Chen distribution and its characterization.	Journal of Combinatorics Information and System Sciences	39	49-56	2014	0250-9628
18.	Taruna Kumari and Anupam Pathak	Conditional expectation of certain distributions of dual generalized order statistics.	International Journal of Mathematical Analysis	8(3)	141-148	2014	1312-8876
19.	Taruna Kumari and Anupam Pathak	Recurrence Relations for Single and Product Moments of Generalized Order Statistics from Generalized Power Weibull Distribution and its Characterization.	International Journal of Scientific & Engineering Research	5(1)	1914 - 1917	2014	2229-5518
20.	Jagdish Saran and Taruna Kumari	Recurrence relations for marginal and joint moment generating functions of upper k-record values from Gompertz distribution.	ProbStat Forum	06	96-106	2013	0974-3235

5. Policy Documents Reports/ Mimeos:

SNo.	Title	Institution/ Agency	Year
	NIL		

6. Book Review published :

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
	NIL						

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

SN o.	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1	Taruna Kumari	Primer for Statistics: Measures of Central Tendency, Concept of Mean, Mode, Median	<i>International Centre for Information Systems & Audit (iCISA)</i>		DELHI, INDIA	26 August 2020
2	Taruna Kumari	Statistical Approaches in Analytics: Spread and Shape of Distribution: Range, Skewness, Kurtosis, Standard Deviation, Variance, Inter-quartile range, Box plots etc.	<i>International Centre for Information Systems & Audit (iCISA)</i> ”		DELHI, INDIA	26 August 2020
3	Ajit Chaturvedi and Taruna Kumari	Presented the paper entitle “Robust Bayesian analysis of generalized inverted family of distributions”	11th Triennial Conference of Association of Asia Pacific Operational Research Societies (APORS)		Kathman du NEPAL	6-9 August 2018
4	Ajit Chaturvedi and Taruna Kumari	Presented the paper entitle “Estimation and comparison of the stress-strength models with more than two states under Weibull distribution and type II censoring scheme”	The 33 rd Annual Conference of The Ramanujan Mathematical Society” (ACRMS-2018)		DELHI, INDIA	1-3 June 2018

8. Study Tour Organised/ Participated/ Attachment Organized/Internship:

SNo.	Details of the tour	Name of coordinating body	Duration
	NIL		

9. Consultancy assignment (if any):

SNo.	Organization/ agency	Cost, title of consultancy	Duration
	NIL		

10. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed
	NIL			

11. Details of PhD and MPhil Scholars (including those awarded degree):

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
	NIL		

12. Details of Programmes/ Courses coordinated/ written/ edited/ translated:

SNo.	Program me	Course	Unit (print)/ Audio/Video/ eSLM	Coordinated/Written/ Edited (content/ language/ format)/ Translated	Period
	NIL				

13. Training programmes designed and conducted, duration and dates

SNo.	Programme	Dates	Place	Number of Participants
	NIL			

14. Details of Counselling sessions conducted:

SNo.	Program me	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
	NIL					

15. Details of Patents granted (if any): NIL

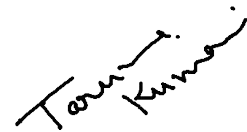
16. Contribution to IGNOU's corporate life:

SNo.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
	NIL		

17. Administrative position/s held in the University (even as in charge)

SNo.	Designation	Period
	NIL	

18. Any other contribution/information: NIL



Signature of Teacher /Academic