

Dr. Ravish Kumar Yadav
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BIO-DATA

1. **Name** : **Dr. Ravish Kumar Yadav**
2. **Father's name** : Shri Rishi Ram
3. **Date of birth** : **04-09-1969**
4. **Birth Place** : Village Peelakund, Amroha
(J.P.Nagar)U.P



5. **Present Post** : **Professor and head/incharge**
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6. **Present address** : C2/136, Mansarovar Colony, Delhi Road, Moradabad, 244001
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9. **Educational Qualification:**

S.No	Class	Board /University	Year	Division
1.	High School	U.P. Board, Allahabad	1984	I
2.	Intermediate	U.P. Board, Allahabad	1986	I
3.	B.Sc.	D.N.College, Meerut University Meerut	1988	I
4	M.Sc.	Institute of Advanced studies, M.U. Meerut	1990	I
5.	M.Phil	Institute of Advanced studies, M.U. Meerut Entitled "Characterization of k-Variegated graph"	1991	I
6.	C.I.C	Institute of Advanced studies, M.U. Meerut	1992	
7.	Ph.d	M.J.P. Rohilkhand University Bareilly "Growth and Polynomial Approximation of entire function"	2002	
8.	N.E.T	U.G.C.	1991	
9.	J.R.F.	C.S.I.R.	1992	

10. **Participation in orientation/Refresher Courses ,Seminars,workshop**

S.No	Name of Courses, Seminars, workshops	Organisations/Institutes	Year
1.	XXXIX Orientation	ASC,JMI, Delhi	May ,1998
2.	Refresher course	ASC,JMI, Delhi	Dec. ,1998
3.	Refresher course	ASC,JMI, Delhi	Spt., 2003
4.	Refresher course	ASC,AMU, Aligarh	Jan., 2004
5.	Akhil Bhartiya Seminar	J.S.P.G., College, Amroha	1998

6.	Work Shop on population and development for University level teachers	PERC,Lucknow	2000
7.	8 th conference	International Academy of Physical Sciences, Meerut	2005
8.	Work shop on employment possibilities	Hindu College, Moradabad	2010
9.	Joint Secretary,CNCAMCP-12	Hindu College, Moradabad	2012
10.	Advisory committee	Hindu College, Moradabad	2015
11.	Seminar on Cyber Security	Hindu College, Moradabad	2024

11. Teaching experience

S.No.	Classes	Period	Year
1.	Post Graduate	29 years	14.11.1995-continue
2.	Graduate	29 years	14.11.1995-continue
3.	Intermediate	3 years	1992-1995

12. Contribution to Cooperate life

S.No.	Name of The Job	Organisation/Institutions	Years
1.	Member of admission/convener Committee of different Classes	Hindu College	Every year of service
2.	Examination work-Invigilation/Evaluation/college flying squad.	Hindu College, M.J.P. Rohilkhand University, Bareilly	Every year of service
3.	Assistant Superintendent of examination	M.J.P. Rohilkhand University, Bareilly	2003,2009, 2013,2017,2019
4.	Senior Superintendent of examination	M.J.P. Rohilkhand University, Bareilly	2022-23,2023-24
5.	Observer	B.Ed Entrance Examination, M.J.P. Rohilkhand University, Bareilly	1998,2016,2017 2018,2019,2020, 2021,2022
6.	Subject Expert	Syllabus Committee ,Board of Studies, M.J.P. Rohilkhand University, Bareilly	2002-2003,2013, 2014,2015,2024-26
7.	Observer	Madyamic Siksha Seva Chayan Ayoug, Allahabad	2005
8.	Superintendent of examination	Ram Ratan Singh College Shahbad, , M.J.P. Rohilkhand University, Barreilly	2005
9.	Member of University flying Squad	M.J.P. Rohilkhand University, Bareilly	2009
10.	Science Proctor	Hindu College, Moradabad	1998,2010 -2012
11.	Subject Expert	MadyamicSikshaSevaChayanAyoug, Allahabad	2015
12.	Joint Secretary	National Conference on Applied Mathematics and Computational Physics (NCAMCP-12)	2012
13.	Expert	Public Service Commission Chhaitsh Garh	2015,2016,2017
14.	Organiser Secretary	19 th Rovers/Rangers MJPRU meets	2016
15.	Leader of Rovers/Coordinator	Hindu College ,Moradabad	2016,2017,2018

16	Coordinator of centre S-30 of UPRTOU	Hindu College ,Moradabad	2016,2017,2018
17	Councillor	IGNOU	
18	Vice President	RUTA	
19	Convener	UGC,Commitee ,Hindu College ,Moradabad	2015-2016
20	Convener	UGC,Commitee ,Hindu College ,Moradabad	2015-2016
21	Principal	Selected Principal through advt 49 of UPHESC,Allahabad	2021
22	Convener	Alumani, Hindu College, Moradabad	2020-2023
23	Convener	Medhavi Chatra Parisad	2024-25
24	Head/Incharge	Department of Mathematics and Statistics, Hindu College, Moradabad	2022-Continue
24	Convener	Seniority committee	2024-25

13. List of Ph.d Scholar Awarded under the supervision of Dr. Ravish Kumar Yadav

S. No	Name	Year of Sub mission	Title	Year of Award	University
1.	Ms.Deepa Chuhan	2007	Development of Deterministic and Probabilistic Inventory Models	2010	M.J.P. R.U., Bareilly
2.	Mr.Virender Singh	2008	Mathematical Analysis of Stochastic Models of Queuing System	2010	M.J.P. R.U., Bareilly
3.	Mr.Satyendra Kumar	2008	Mathematical Modelling of Blood Flow through a Steno tic Vessels	2011	M.J.P. R.U., Bareilly
4.	Mr.Vishal	2008	Ordering Policies for Decaying Inventory with Shortages when Delay in payments is permitted	2011	M.J.P. R.U., Bareilly
5.	Mr.M.M.Sharma	2008	Some Inventory Models of Perishable Items with Backlogging	2012	M.J.P. R.U., Bareilly
6.	Mr.Ashender Saxena	2011	Development of Replenishment Policies for non -instantaneous Decaying Items with and without shortages	2012	M.J.P. R.U., Bareilly
7.	Pratibha Devi	2013	Some Volumes of Flexible Inventory Models for Deteriorating Items	2015	M.J.P. R.U., Bareilly
8.	RakhiTrivedi	2013	Some Volume of Multi-echelon Inventory Models for perishable Items	2015	M.J.P. R.U., Bareilly
9.	Amits KumarVats	2015	Policies Decision for Inventory Models with varying Demands and Shortages of Perishable Items.	2017	M.J.P. R.U., Bareilly
10	Rajeev Kumar	2015	Optimal Policies for Inventory System of Repairable Items	2016	M.J.P. R.U., Bareilly
11	Surendra Kumar Gautam	2016	Development of some multi item inventory model	2018	M.J.P. R.U., Bareilly

12	Ravendra Kumar	2023	The Study of Some Inventory Control System With Perishability and Partial backlogging	2023	M.J.P. R.U., Bareilly
13	Sanju Kumar	2024	Some Mathematical Models of Inventory Control under Fuzzy Enviroment for deteriorating items	2025	M.J.P. R.U., Bareilly

14. List of Research Scholar Registered for Ph.d under supervision of Dr. Ravish Kumar Yadav

S.No.	Name	Title	University
1.	MandeepSingh	Disasters Relief Supply Chain inventory model	M.J.P. R.U., Bareilly
2.	AkhileshYadav	Some Inventory Models	M.J.P. R.U., Bareilly
3.	Anil Kumar Singh	Some Inventory Models	M.J.P. R.U., Bareilly
4.	Lokesh Kumar	Some Inventory Models	M.J.P. R.U., Bareilly

15. Aera of Research: Operation Research-inventory Control, Approximation theory, Biomathematics

16. Research papers published in journal

No.	Title with page number	Name of journal	ISSN/ISBN
1.	Newton Interpolating series of entire function, V48(1999) pp45-52	Commun.fac.Sci.Univ. Ank. Series A1	1303-5991
2.	An order level Inventory Model for decaying items with Ramp type demand and partial backlogging Vol2(2009) pp157-166	International Transaction of Mathematical Science And Computer	0974-5068
3.	Effects of backlogging for perishable items with variable holding cost and exponential demand Vol2,2(2008) pp229-243	International Journal of Mathematical And Computer Science	1814-0432
4.	Newtoian model of blood flow through artery vol XXXVI M.No.1(2010),111	Acta Ciencia Indica	0970-0455
5.	Little theorem and its distributional forms for queuing system with geometric service time VolxxxvM.No.2 ,699(2009)	Acta Ciencia Indica	0970-0455
6.	Little theorem and its distributional forms for queuing system with general service time and sinle server VolxxxvM.No.2 ,699(2009)	Acta Ciencia Indica	0970-0455
7.	Volume flexibility in production model with cubic demand rate and weibull deterioration with partial backlogging Vol6,4(2013), 29-34	IOSR –Journal of Mathematics	2278-5728
8.	An inventory model for vaiable demand ,costant holding cost and with out shortages Vol 11,1,iv (2015) 49-55	IOSR –Journal of Mathematics	2278-5728
9.	A deteriorating inventory model	IOSR –Journal of Mathematics	2278-5728

	for quadratic demand and constant holding cost with partial backlogging and inflation Vol.10,3,VI (2014),47-52		
10.	Modelling for inventory with exponential decline demand variable deterioration ,linear holding cost inflation without shortages Vol.12,4,III (2016),36-43	IOSR –Journal of Mathematics	2278-5728
11.	Development of an inventory model with volume flexibility random deterioration and increasing exponential demand rate Vol. 8,2(2013), 10-18	IOSR –Journal of Mathematics	2278-5728
12.	A multi – echelon inventory models for deteriorating Items with partial backlogging Vol.2,1 (2012)	International Journal of Applied Science and technology	2227-8691
13.	An inventory model for deteriorating and repairable items with linear demand Vol.10,6,IV(2014) ,1-6	IOSR –Journal of Mathematics	2278-5728
14.	Modelling of repairable items for production inventory with random deterioration Vol.,11,1,IV(2015), 56-69	IOSR –Journal of Mathematics	2278-5728
15.	An order level inventory model for decaying items with dependent demand and partial backlogging, Vol. 2,1,157-166 (2009)	International Transaction of Mathematical Science And Computer	0974-5068
16.	Effects of inflation on inventory system for decaying items with dependent demand ,Vol. 2,1, (2009), 157-166	International Transaction of Mathematical Science And Computer	0974-5068
17.	Supply chain multi item inventory model for quadratic deterioration with expiration Vol. 12,1,III(2016),76-87	IOSR –Journal of Mathematics	2278-5728
18.	Multi item inventory model for deteriorating items with partial backlogging and linear demand ,Vol. 12,3 (2016),36 -42	IOSR –Journal of Mathematics	2278-5728
19.	Effects of backlogging for perishable items with variable holding cost and exponential demand	Proceeding of national seminar on recent trends in advancement of mathematical and physical science	81.85126.120.6
20.	Production inventory model for exponential demand with random deterioration,	Proceeding of national seminar on recent trends in advancement of mathematical and physical science	81.85126.120.6
21.	Inventory model with stock dependent demand lost sales and progressive permissible delay	Proceeding of national seminar on recent trends in advancement of mathematical and physical science	81.85126.120.6

22.	An inventory for two parameter weibull decaying items with partial backlogging and life time Vol. 13,4,1(2017), 64-71	IOSR –Journal of Mathematics	2278-5728
23.	Development and analysis of an inventory system for exponential demand items with perishability and life time Vol. 13,4,1(2017), 46-63.	IOSR –Journal of Mathematics	2278-5728
24.	Inventory model for weibull decaying items with exponentially decreasing demand and perishability and permissible delay in payments ,Vol.,6,8,(2107),552-64	International Journal of engineering and science invention	2319-6734/2319-6726
25.	A multi items Inventory model for weibull deterioration items with permissible delay in payments under inflation Vol.5, 32 (2017)	Printing Area	2394-5303
26.	A two warehouse inventory model under inflation with variable deterioration and partial backlogging Vol., 6,9 (2017),1-11	International Journal of engineering and science invention	2319-6734/2319-6726
27.	An inventory model non-instantaneous decaying items under trade credit policies and volume flexibility, Vo l. 13,5,II,(2017).	IOSR –Journal of Mathematics	2278-5728
28.	Development of replenishment of policies for decaying items with shortages Vol.7, 2, (2009)	Pragyaan: Journal Information Technology	0974-5513
29	An inventory model for non-instantaneous deteriorating items using nonlinear stock de pendent demand under permissible delay in payments with shortages, 493-513.	Proceeding of international conference on soft computing of problem solving Soc. Pros. 2011	1867-5662/978-81-322-0491-6
30.	Integrated 3-echolen supply chain inventory models for perishability items for quadratic demand and two parametric deterioration	International journal of computer application, Proceeding of ICACA	0975-8887/973-9380872724
31	Effects of volume flexibility on inventory model for non-instantaneous decaying items under trade credit policy. Vol.6 issue 9, (2017)	IJSCMI	2347-8527
32.	Of repairable items with weibull deterioration under inflation lost sales and quadratic demand trade credit inventory model	Proceeding in Aryabhat Journal of Mathematics and Information	0975-7139
33.	An Optimal Production Cycle for non- instantaneous deteriorating items in which holding cost varies quadratic in time, Vol 2 ,6,(2013)	International Journal of Application or Innovation in Engineering & management	2319-4847

34.	The impact of Greenness, inflation, and trade credit on Multi- item Fuzzy EOQ Model with Partial Backordering and Deterioration 2022	Int .j. Appl.Comput.Math(2022) https://doi.org/10.1007/440819-022-01341-1	2349-5103
35	Fuzzy Inventory model for deteriorating Items with power pattern demand with Shortages and Backlogging. vol26,no3special issue 2022 part7	Stochastic Modelling and Application	0972-3641
36	Study on fuzzy inventory model for deteriorating items with recurring seasonal demand pattern VOL 24,N03 2023	International Journal Of Mathematics In Operational Research 408-424 https://doi.org/10.1504/IJMOR.2023.129487	1757-5850
37	Advanced payment strategy for EOQ model regarding perishable product with maximum life time , customer return, preservation technology and partial backlogging 2024pp 1-34	Int. J. Operational research , VOL, X NO Y XXXX https://doi.org/10.1504/IJOR.2024.138143	1745-7645
38	Sustainable Vendor- buyer Inventory model or Disaster Relief deteriorating Items under Inflation with reduction in CHG Emission	Aligarh Journal of Statistics Vol44(2024),73-88	ISSN 0971-0388
39	Benefits of Preservation Technology on Inventory for covid -19 Disaster Relief deteriorating items with price dependent demand and variable holding cost under inflation.	International transactions in Mathematical Science and Computer	0974-5068
40	Fuzzy set-based Inventory model for TPD demand under effects of Inflation and carbon Emission with partial backlodering.	Journal of computational Analysis and Application vol 33,no 8, 2024	1521-1398 (Paper),1572-9206 (Online)
41	An Inventory Model for deteriorating items in fuzzy environment for joint pricing and Inventory Control with partial Backlogging and time and price dependent demand.	Shodhkosh: Journal of Visual and Performing Arts vol. 5 No. 2 (2024): Volume 5 Issue 2 July- December- 2024	2582-7472

17. Publication of books-

S. no	Title	Year of publication	Publisher	ISBN
1.	Algebra	2024	Krishna Publication, Meerut	978-93-94511-05-7
2.	Numerical Analysis	2024	Krishna Publication, Meerut	978-81-19804-59-7
3.	Metric Space	2024	Krishna Publication, Meerut	978-81-19804-26-9
4.	Group Ring Theory and	2024	Krishna Publication,	978-93-94511-05-8

	Linear Algebra		Meerut	
5.	Differential Calculus	2023	Krishna Publication, Meerut	978-93-91152-06-2
6.	Integral Calculus	2023	Krishna Publication, Meerut	978-93-91152-07-9
7.	Mathematical Method	2022	Krishna Publication, Meerut	978-93-94511-05-7
8.	Solid geometry and vector calculus	2012	Krishna Publication, Meerut	978-93-94511-05-7
9.	Matrix, Algebra and Trigonometry	2012	Krishna Publication, Meerut	978-93-94511-05-7
10.	Differential Geometry and Tensor	2023	Vighan Bodh Publication, Agra	978-93-85763-79-3
11.	Geometry	2023	Vighan Bodh Publication, Agra	978-93-85763-84-7
12.	Differential Equation	2023	Vighan Bodh Publication, Agra	978-93-85763-96-0
13.	Operation Research	2023	Vighan Bodh Publication, Agra	978-81-924048-9-9
14.	Algebra	2023	Vighan Bodh Publication, Agra	978-93-85763-87-8
15.	Group Theory and Ring Theory	2023	Vighan Bodh Publication, Agra	978-93- 85763-26-7
16.	Differential Calculus	2023	Vighan Bodh Publication, Agra	978-93- 85763-26-7
17.	Matrix, Algebra and Trigonometry,	2005	Student and friend's publication, Agra	
18.	Calculus	2005	Student and friend's publication, Agra	
19.	Differential Equations, Special Functions and Integral Transform.	2005	Student and friend's publication, Agra	
20	Graph Theory	2005	Student and friend's publication, Agra	
21	Matrix, Algebra and Trigonometry	2003	Vighan Bodh Publication, Agra	
22	Differential Calculus, Integral Calculus Differential Equations	2003	Vighan Bodh Publication, Agra	
23	Vector, 2-Dimensional Geometry, 3-Dimensional Geometry	2003	Vighan Bodh Publication, Agra	