

**Dr. Ravish Kumar Yadav**

(Associate Professor)  
 Department of Mathematics  
 Hindu College, Moradabad

**Residence**

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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** :**Associate Professor**  
 P.G.Deprtment of Mathematics

Hindu College, Moradabad

- 6. Permanent and postal address:** C2/136, Mansarovar Colony, Delhi Road, Moradabad

- 7. Email** :drravishyadav@gmail.com

**8. 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 Barielly "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	

**9. Participation in orientation/Refresher Courses ,Seminars,workshops**

S.No	Name of Courses, Seminars, workshops	Organisations/Instititios	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 <sup>th</sup> conference	International Academy of Physical Sciences, Meerut	2005
8.	Work shop on employment possibilities	Hindu College, Moradabad	2010
9.	<b>Joint Secretary</b> ,CNCAMCP-12	Hindu College, Moradabad	2012

## 10. Teaching experience

S.No.	Classes	Period	Year
1.	Post Graduate	26 years	1995-continue
2.	Graduate	26 years	1995-continue
3.	Intermediate	3 years	1992-1995

## 11. 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, etc.	Hindu College, M.J.P. Rohilkhand University, Barielly	Every year of service
3.	Assistant Superintendent of examination	M.J.P. Rohilkhand University, Barielly	2003,2009, 2013,2017,2019
4.	Observer	B.Ed Entrance Examination, M.J.P. Rohilkhand University, Barielly	1998,2016,2017 2018,2019,2020
5.	Subject Expert	Syllabus Committee ,Board of Studies, M.J.P. Rohilkhand University, Barielly	2002,2003
6.	Observer	Madyamic Siksha Seva Chayan Ayoug, Allahabad	2005
7.	Superintendent of examination	Ram Ratan Singh College Shahbad, , M.J.P. Rohilkhand University, Barielly	2005
8.	Member of University flying Squad	M.J.P. Rohilkhand University, Barielly	2009
9.	Science Proctor	Hindu College, Moradabad	1998,2010 - 2012
10.	Subject Expert	Madyamic Siksha Seva Chayan Ayoug, Allahabad	
11.	Joint Secretary	National Conference on Applied Mathematics and Computational Physics	2012

		(NCAMCP-12)	
12	Expert	Public Service Commission Chhaitsh Garh	2015,2016,2017
13	Organiser Secretary	19 <sup>th</sup> Rovers/Rangers MJPRU meets	2016
14	Leader of Rovers/Coordinator	Hindu College ,Moradabad	2016,2017,2018
15	Coordinator of centre of UPRTOU	Hindu College ,Moradabad	2016,2017,2018
16	Councillor	IGNOU	

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

S.No	Name	Year of Submission	Title	Year of Award	University
1.	Ms. Deepa Chuhan	2007	Development of Deterministic and Probabilistic Inventory Models	2010	M.J.P. Rohilkhand University, Barielly
2.	Mr. Virender Singh	2008	Mathematical Analysis of Stochastic Models of Queuing System	2010	--do--
3.	Mr.Satyendra Kumar	2008	Mathematical Modelling of Blood Flow through a Steno tic Vessels	2011	--do--
4.	Mr.Vishal	2008	Ordering Policies for Decaying Inventory with Shortages when Delay in payments is permitted	2011	--do--
5.	Mr.M.M.Sharma	2008	Some Inventory Models of Perishable Items with Backlogging	2012	--do--
6.	Mr.Ashender Saxena	2011	Development of Replenishment Policies for non -instantaneous Decaying Items with and without shortages	2012	--do--
7.	Pratibha Devi	2013	Some Volumes of Flexible Inventory Models for Deteriorating Items	2015	--do--
8.	Rakhi Trivedi	2013	Some Volume of Multi-echelon Inventory Models for perishable Items	2015	--do--
9.	Amits KumarVats	2015	Policies Decision for Inventory Models with varying Demands and Shortages of Perishable	2017	-do-

			Items.		
10	Rajeev Kumar	2015	Optimal Policies for Inventory System of Repairable Items	2016	-do-
11.	Surendra Kumar Gautam	2016	Development of some multi item inventory model	2018	do

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

S.No.	Name	Title	University
1.	Sanju Kumar	Development of Replenishment Policies for Perishable Items with Permissible Delay in Payments under fuzzy control	M.J.P. Rohilkhand University, Barielly
2.	Mandeep Singh	Disasters Relief Supply Chain inventory model	--do--
3.	Akhilesh Yadav	Some Inventory Models	--do--
4.	Suresh	Some Inventory Models	--do--
5	Manoj	Some Inventory Models	--do--

### 14. Area of Research: Operation Research-inventory Control, Approximation theory, Biomathematics

### 15. Research papers published in journals

1.

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	Acta Ciencia Indica	0970-0455

	,699(2009)		
7.	Volume flexibility in production model with cubic demand rate and weibull deterioration with partial backlogging Vol.6,4(2013), 29-34	IOSR –Journal of Mathematics	2278-5728
8.	An inventory model for variable demand, constant holding cost and without shortages Vol.11,1,iv (2015) 49-55	IOSR –Journal of Mathematics	2278-5728
9.	A deteriorating inventory model for quadratic demand and constant holding cost with partial backlogging and inflation Vol.10,3,VI (2014),47-52	IOSR –Journal of Mathematics	2278-5728
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

## List of Pun

### 16. List of Publication of books

#### Text Books

1. Matrix, Algebra and Trigonometry, Student and friend's publication, Agra.2005
2. Calculus, Student and friend's publication, Agra.2005.
3. Differential Equations, Special Functions and Integral Transform. Student and friend's publ.Agra2005.
4. Graph theory, Student and friend's publication, Agra.2005.
5. Solid geometry and vector calculus, Krishna Publication, Meerut 2012.
6. Matrix, Algebra and Trigonometry, Krishna publication, Meerut ,2012

#### Text Book cum help Book

1. Matrix, Algebra and Trigonometry, Vighyan bodh publication, Agra 2003 .
2. Differential Calculus ,Integral Calculus Differential Equations Vighyan bodh pub1. Agra 2003.

3. Vector, 2-Dimensional Geometry, 3-Dimensional Geometry both publication, Agra .2003