


**FACULTY DETAILS PAGE ON WEB-SITE**  
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**2013-2014**

Name	<b>DR SATISH KUMAR</b>	Photograph
Designation	Associate Professor	
Department	Mathematics	
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**ACADEMIC QUALIFICATION**

Subject	Institution	Year	Details
<b>Ph.D.</b>	C.C.S. University ,Meerut	<b>2006</b>	Title ; “Cost Benefit Analysis of Non-Markovian Models of Some Redundant Systems”
<b>M.Phil.</b>	Institute of Advanced Studies, Meerut University ,Meerut	<b>1990</b>	Title-“Non- Expansive Mappings of Some Fixed Point Theorems”
<b>M.Sc.</b>	Meerut University, Meerut	<b>1989</b>	Mathematics

## Career Profile

S.No.	Organization/Institution	Designation	Duration	Role
1.	<b>Govt. PG College, Ranikhet (U.P).</b>	Lecturer	23-12-1998 to 05-07-1999	Teaching
2.	<b>Govt. PG College, Rishikesh (U.P).</b>	Lecturer	05-07-1999 to 22-12-1999	Teaching
3.	<b>Janta Vedic College, Baraut, (U.P.)</b>	Reader	23-12-1999 to 10-08-2010	Teaching
4.	<b>D. N. College, Meerut, (U.P).</b>	Associate Professor	11-08-2010 to till date	Teaching & Research
<b>Teaching Experience (Subject/Courses Taught)</b>				
B.Sc.	All Subjects		Since 23-12-1998 to till date	
M.Sc.	Advance Algebra, Discrete Mathematics, Number Theory		Since 05-07-1999 to 22-12-1999 and 11-08-2010 to till date.	

**Publications In Indexed / Peer Reviewed Journals**

<b>Year of Publication</b>	<b>Title</b>	<b>Journal</b>	<b>Co-Author</b>
<b>2005</b>	Cost Benefit Analysis of Two Dissimilar Unit Parallel System With Administrative Delay In Repair.	Proceedings Of National Seminar on Mathematics and Computer Science,S.D.(PG) College, Muzzafer-Nagar,363-370, ISBN:81-8283-046X.	Gupta Rakesh, and Agarwal D.C.
<b>2006</b>	A Two Unit Parallel System With Inspection,Repair and Post Repair .	Reflection Des Era,1(2), 189-200.	Gupta Rakesh and Agarwal D.C.
<b>2006</b>	A K-out of N- Trichotomous System With Common Cause Failure; Reflection Des Era,1(2), 281-296	Reflection Des Era,1(2), 281-296	Gupta Rakesh, and Agarwal D.C.
<b>2006</b>	A Two Duplicate Unit Parallel System With Correlation in Failure and Repair / Replacement .	Proceedings of National Seminar on Recent Trends In Advancement of Mathematical And physical sciences, D.N. College, Meerut, ISBN No-81, 85126, 1206. Mathematics-23.	Gupta Rakesh and Tyagi Vikas
<b>2010</b>	Modeling and Analysis of a Two Storage Inventory Model with Variable Demand and Exponential Backlogging.	International Transactions in Applied Sciences,2(2)-225-232,ISSN-0974-7273-0975-3761.	S.R. Singh and A.S. Yadav

<b>2011</b>	Two Warehouses Inventory Model for Non-Instantaneous Deteriorating Items with Stock-Dependent Demand.	International Transactions in Applied Sciences 3(4)-749-760 ISSN-0974-7273-0975-3761.	S.R. Singh and A.K. Malik
<b>2011</b>	Two Warehouses Inventory Model with Partial Backordering and Multi-Variate Demand under Inflation.	International Journal of Operations Research and Optimization 2(2) 371-384, ISSN- 0975-3737-2231-4741.	S.R. Singh and A.K. Malik
<b>2012</b>	A Fuzzy Based Two warehouses Inventory Model for Deteriorating Items.	International Journal of Soft Computing and Engineering 2(2) 188-192, ISSN-2231-2307.	A.K. Malik and Y. Singh

**Book** -- Text Book on Geometry and Vectors ,ISBN :978-81-922439-6-2 (2013)

**Refresher Course**

- 1.Participated in 58<sup>th</sup> 4-week Orientation Programme from April 3 to May 1 ,2002 Organised by the UGC-ASC ,Jamia Millia Islamia, New Delhi, INDIA.
2. Participated in Refresher Course of 3-weeks from Feb.17 to March 08 ,2003 , Organised by the UGC-ASC , CPDHE, University of Delhi ,New Delhi ,INDIA.
- 3.Participated Refresher Course of 3-weeks from Sept. 27 to Oct. 18 ,2006 at CPDHE, University of Delhi, New Delhi, INDIA.
- 4..Participated Refresher Course of 3-weeks from Dec.14,2007-Jan.5 ,2008 at CPDHE, University of Delhi, New Delhi, INDIA.

### **Seminars / Conferences attended**

1. Participated in National Seminar on Role of Mathematics on the Forthcoming Developments in Computer Science” from Nov. 29-30 ,2005 ,Organised S.D.(PG) College, Muzaffar Nagar, (U.P.),INDIA.
2. Participated in 8<sup>th</sup> Conference of the International Academy of Physical Sciences from Dec. 29-31, 2005 Jointly Organised by C.C.S. University Meerut, NICE Society Institutions ,Meerut,International Academy of Physical Science ,Allahabad, (U.P.),INDIA.
3. Participated in National Seminar on Recent Trends in Science, Technology and its Applications from Jan. 07-08 ,2006, Organised by S.D. College of Engg. and Tech. MuzaffarNagar ,(U.P.),INDIA.
4. Participated in National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences on Nov.6th ,2006 ,Organised by D.N. College ,Meerut ,(U.P.),INDIA.
5. Participated in National Seminar on “Major Trends of Feminism in India” from Feb. 20-21, 2007 , Organised by Janta Vedic College, Baraut ,(U.P),INDIA.
- 6, Attended the National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences from Jan.30-31, 2010, organized by D.N. College, Meerut, (U.P.),INDIA.
7. Participated in the Annual Conference of Vijnana Parishad of India and The Global society of Mathematical and Allied Sciences organized by Shobhit University, Meerut from March 24-26, 2011. ,(U.P.),INDIA.
8. Participated in the National Conference on Modeling, Computational Fluid Dynamics and Operations Research from Feb.04-05, 2012 organized by Department of Mathematics, Birla Institute of Technology and Science, Pilani-333031,(Rajasthan ),INDIA.
9. Participated in the National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences from March 17-18 ,2012, Organized by D.N. College, Meerut, (U.P.),INDIA.
10. Participated in International Conference -The Legacy of Srinivasan Ramanujan from Dec. 17- 22, 2012 ,organized by University of Delhi ,New Delhi, INDIA.

## Conference Presentation -

1. Research Paper Entitled - "Cost Benefit Analysis of Two Dissimilar Unit Parallel System With Administrative Delay In Repair" Presented in the National Seminar on Role of Mathematics on the Forthcoming Developments in Computer Science from Nov. 29-30 ,2005, Organised by S.D.(PG) College, Muzaffar Nagar, (U.P.),INDIA.
2. Research Paper Entitled - " A K- out of N - Trichotomous system with Common Cause Failure" Presented in 8<sup>th</sup> Conference of the International Academy of Physical Science from Dec. 29-31, 2005 Jointly Organised by C.C..S. University, Meerut ,NICE Society Institutions ,Meerut International Academy of Physical Science Allahabad ( U.P.), INDIA .
3. Research Paper Entitled - " A Two Unit Parallel System With Inspection, Repair and Post Repair" in National Seminar on Recent Trends in Science, Technology and its Applications from Jan. 07-08 ,2006 Organised by S.D. College of Engg. and Tech. MuzaffarNagar ,(U.P.),INDIA.
4. Research Paper Entitled – "A Two Duplicate Unit Parallel System With Correlation in Failure and Repair / Replacement" in National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences on Nov. 6th ,2006 Organised by D.N. College ,Meerut. (U.P.), INDIA.
5. Research Paper Entitled -"An Integrated Production for Deteriorated Items of Imperfect Quality with Time Varying Demand Rates in a Single Pipeline System" Presented in the National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences from March 17-18,2012 , Organized by D.N. College, Meerut (U.P.), INDIA.
- 6 .Research Paper Entitled "Multiplicative Quadruple Fibonacci Sequences" Presented in International Conference -The Legacy of Srinivasan Ramanujan , from Dec. 17-22, 2012 Organized by University of Delhi , New Delhi, INDIA.

**Public Service / University Service / Consulting Activity**

Assistant Controller- C.C.S. University, exam-2011, Paper settings of UG classes and PG Classes ,evaluations of U.G. and P.G. Classes exam copies, Nodal officer in laptop distribution of U.P. Govt. scheme, A.S.in examinations during 2012-2013, Incharge in Admission Committee , etc.

**Professional Societies Memberships****Projects (Major /Minor Grants / Collaborations )**

**Minor Project-** Funded by U.G.C. during 2005-2007.

**Other Details :**