




## Faculty Details Proforma for SSCBS Website



Title	Dr.	First name	Abhishek	Last name	Tandon	Photograph
Designation	Assistant Professor					
Address Office	Vivek Vihar , Delhi-110095					
Residence						
Phone No. Office	9968392392					
Residence Mobile	9968392392					
E-mail	<a href="mailto:abhishektandon@sscbsdu.ac.in">abhishektandon@sscbsdu.ac.in</a>					
Web-page	<a href="http://www.sscbsdu.ac.in">www.sscbsdu.ac.in</a>					
Educational Qualifications						
Degree	Institution				Year	
Ph. D.	University of Delhi				2012	
M. Phil./M.Tech.						
PG	University of Delhi				2009	
UG	University of Delhi				2007	
Any other qualification						
Career Profile						
<p><b>Assistant Professor (Permanent), Shaheed Sukhdev College of Business Studies, University of Delhi ,June11, 2014- Present</b></p> <p><b>Manager Corporate Affairs, PNB MetLife India Insurance Co. Ltd May 27, 2013-June 10,2014</b></p> <p><b>Assistant Professor (Ad-hoc), Shaheed Sukhdev College of Business Studies, University of Delhi July 12-May 13</b></p>						



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## Administrative Assignments

1. Staff Council Secretary, SSCBS, **18<sup>th</sup> December 2015-present.**
2. Nodal Officer , North East Cell for Students ,
3. Member , Dalit Grievance Committee
4. Member , Website committee
5. Convener, Communiqué, The promotion Cell of College
6. Convener , Antardwani, 2015
7. Teacher in Charge **Communiqué, the Promotion Society of College, 2014.**
8. Coordinator of course on SAS for Management Students, **2014.**
9. Coordinator of the Time Table Committee , **2014**
10. Teacher in Charge **CASH** (Committee against Sexual Harassment), **2012-2013.**
11. Convener of Synergy, **Business Society** of College, **2013** and Annual Cultural Festival, **Crescendo, 2013.**
12. Member of organizing team of International Congress on Productivity, Quality, Reliability, Optimization and Modeling, 7-8 February, New Delhi, funded by **DRDO, Ministry of Statistics, ISI, Quality Council of India.**
13. Presented paper on innovation at 2nd International Conference on Reliability, Safety and Hazard, 2010, December 14-16, 2010, **BARC Mumbai**, which got published in their proceedings.
14. Member of the Course Committee for Post Graduate and Research Studies, Department of Operational Research , **FMS**, for one year starting March 2010.
15. Member of the Anti-sexual Harassment Committee, Faculty of Mathematical Sciences, University of Delhi for one year starting April 2010.

## Areas of Interest/Specialization

1. Software Reliability
2. Marketing Models
3. Indian Insurance Industry
4. Optimization
5. Inventory Management
6. Queuing Process
7. Decision Sciences
8. Reliability Engineering

## Subjects taught

1. Quantitative techniques in Management
2. Research Methodology
3. Production & Operations Management
4. Business Statistics
5. SPSS

## Research Guidance



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## Publications Profile

1. P.K.Kapur, R.B.Garg, Anu G.Aggarwal, **Abhishek Tandon**. "General Framework for Change Point Problem in Software Reliability and Related Release Time Problem". **International Journal of Quality, Reliability and Safety Engineering, USA, Vol.16, No.6 December 2009, pp 567-579. Print ISSN: 0218-5393, Online ISSN: 1793-6446.**
2. P.K.Kapur, Anu G.Aggarwal, **Abhishek Tandon**. "Two Dimensional Software Reliability Growth Model with Faults of Different Severity" **Communications in Dependability and Quality Management An International Journal Volume 13, Number 13, September 2010, pp: 86-97. ISSN 1450-7196, JBR Impact Factor 5 : 0.152**
3. P.K.Kapur, R.B.Garg, Udayan Chanda, **Abhishek Tandon**. "Development of Software Reliability Growth Model Incorporating Enhancement of Features and Related Release Policy" **International Journal of System Assurance engineering and management, Volume 1, Issue 1, March 2010, pp 52-58. ISSN:0975-6809(print version), ISSN: 0976-4348 (electronic version)**
4. P.K.Kapur, Anu G Aggarwal, **Abhishek Tandon**. "A Unified Approach for Developing Two Dimensional Software Reliability Model". **International Journal of Operational Research, Vol. 13, No. 3, March 2012, pp.318-337. ISSN online: 1745-7653, ISSN Print: 1745-7645.**
5. VB Singh., P.K.Kapur, **Abhishek Tandon**. "Measuring Reliability Growth of Software by Considering Fault Dependency, Debugging Time Lag Functions and Irregular Fluctuation". **ACM Sigsoft Software Engineering Notes ,Volume 35, No 3 , May 2010pp: 1-11. ISSN:0163-5948**
6. P.K.Kapur, **Abhishek Tandon**, Ravi Kumar. "Unified framework for discrete software reliability growth modeling with change point and a related release time problem. " **Communications in Dependability and Quality Management An International Journal Volume 13, Number 13, September 2010, pp: 98-110. ISSN 1450-7196, JBR Impact Factor 5 : 0.152**
7. P.K.Kapur, Anu G Aggarwal, Amir Hossain and **Abhishek Tandon**," Multi-generational innovation diffusion modelling: A two dimensional approach", *Int. J. Applied Management Science, Vol. 7, No. 1, 2015* DOI: 10.1504/IJAMS.2015.068048ISSN online: 1755-8921 ISSN print: 1755-8913



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8. V.B. Singh, P.K. Kapur, **Abhishek Tandon**. "Measuring Reliability Growth of Open Source Software by Applying Stochastic Differential Equations". **Published in the IEEE proceedings of 2nd World Congress on Software Engineering, China, December 2010 pp: 114-118. ISBN: 978-0-7695-4303-1**
9. P.K. Kapur, **Abhishek Tandon**, Gurjeet Kaur "Multi Upgradation Software reliability Model". **Published in the IEEE proceedings of 2nd International Conference on Reliability, Safety and Hazard, December 2010, pp: 468-474. IEEE,ISBN :9781424483440**
10. P.K.Kapur, Udayan Chanda, **Abhishek Tandon**, Sameer Anand. "Innovation Diffusion of Successive Generations of High Technology Product". **Published in the IEEE proceedings of 2nd International Conference on Reliability, Safety and Hazard, December 2010, pp: 505-510. IEEE,ISSN: 9781424483440**
11. P.K.Kapur, Kalpana Yadav, **Abhishek Tandon**, Mashaallah Basirzadeh. "Embedding Testing-effort in Fault-Dependency based Software Reliability Growth Model using Stochastic Differential Equation". **Published in the proceedings of 4th International Conference on Quality, Reliability and Infocom Technology, 2012,pp-360-373,. ISBN : 9788184871722**
12. P.K.Kapur, Ompal Singh, **Abhishek Tandon**. "Bicriterion Release Policy for a Software Reliability Growth Model Incorporating the effect of Change Point". **Published in the proceedings of International conference on reliability, Infocom technology and optimization,pp-214-225, 2010. ISBN : 9788190973229**
13. P.K.Kapur, R.B.Garg, Anu. G.Aggarwal, **Abhishek Tandon**. "Two Dimensional flexible Software Reliability Growth Model and Release Policy".. **Published in the proceedings 4th National Conference on Computing for Nation Development-INDIA Com, Feb 2010,pp 431-438. ISSN 0973-7529.**
14. P.K.Kapur, Udayan Chanda, **Abhishek Tandon**. "Software Release Policy based on Change Point Considering Risk Cost". **Advances in Information Theory and Operations Research 2010,pp.111-122, Om Parkash (Ed.) ISBN-10: 3639259963 | ISBN-13: 978-3639259964**



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15. P.K.Kapur, Anu.G. Aggarwal, **Abhishek Tandon**. "Innovation Diffusion Model for Successive Generation Merchandise considering the effect of Consumer balking".. **Published in the proceedings of International Congress on Productivity, Quality, Reliability, Optimization and Modeling, Vol.1: Theoretical Papers, February 2010, pp. 150-159. ISBN : 9788184247084**
  
16. P.K.Kapur, Anu.G. Aggarwal, **Abhishek Tandon** "Two Dimensional Flexible Software Reliability Growth Model with Two Types of Imperfect Debugging". **Proceedings of the 5th National Conference;INDIACom-2011 Computing For Nation Development, March 2011. ISSN 0973-7529 ISBN 978-93-80544-00-7**
  
17. Anu. G Aggarwal, Nidhi Nijhawan and **Abhishek Tandon** "A change point based discrete SRGM for a Multi-Release Software System", Published in the proceedings of 1<sup>st</sup> International Conference on Evidence Based Management, BITs Pilani, 20-22 March, 2015. Pp-674-678 ISBN: 978-93-84935-18-4

### Conference Organization/ Presentations

1. 2015 1<sup>st</sup> International Conference on Evidence Based Management, BITs Pilani, 20-22 March, 2015
  
2. 2011' Feb: International Congress on Productivity, Quality, Reliability, Optimization and Modeling, 7-8 February, New Delhi.
  
3. 2010'Dec: 2nd International Conference on Reliability, Safety and Hazard, 2010, December 14-16, 2010, Mumbai.
  
4. 2010' Jan: National Meet on History of Mathematical Sciences held during January 7-9, 2010 in the venue Conference Centre, University of Delhi, Delhi-110007.
  
5. 2009' Dec: 4th International Conference on Quality, Reliability and Infocom Technology (ICQRIT) (Trends and Directions) held during December 18-20, 2009 in the venue of University of Delhi, Delhi and presented a paper titled "A General Model for Adoption of successive Technologies".
  
6. 2009' Oct: 11th National Conference of Indian Society of Information Theory and applications held during October 24-26, 2009 in the venue Guru Gobind Singh Khalsa College, Sarhali (Tarn Taran) and presented a paper titled "Determining Adoption Pattern with pricing using Two Dimensional Innovation Diffusion Model".

### Research Projects (Major Grants/Research Collaboration)



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## Awards and Distinctions

1. Awarded UGC & BSR meritorious students scholarship in 2009.
2. Awarded by Society of Reliability, Quality and Operations Management for Exemplary promise and potential in Research in 2009.

## Association with Professional Bodies

1. Life Member of Society for Reliability Engineering, Quality and Operations Management (SREQOM)

## Other Activity