


## Dr. GOOTY DIVANJI

<b>Designation</b>	Professor	
<b>Email Id</b>	gdivan2010@gmail.com	
<b>University Web Page</b>	<a href="http://www.uni-mysore.ac.in/english-version/statistics/faculty/dr-gooty-divanji">http://www.uni-mysore.ac.in/english-version/statistics/faculty/dr-gooty-divanji</a>	
<b>Phone No</b>	+91 - 821-2419853 (O), +91-821-2972785 (R)	
<b>Mobile No</b>	+91 - 9740140769	
<b>Qualification</b>	M.Sc., Ph.D.	
<b>Area of Specialization</b>	Probability Theory, Sampling Theory, Stochastic Processes and Time Series Analysis	
<b>Languages Known</b>	Telugu, Urdu, English, Kannada and Hindi	

### Details of Education Starting from Bachelor's degree:

Degree	Discipline	University	Year
B. A.,	Mathematics, Economics, Statistics	AAS College of S.V. University, Tirupathi – A.P.	1981
M. Sc.,	Statistics	Sri Krishnadevaraya University, Anantapur - A.P.	1983
Ph.D.,	Statistics	University of Mysore, Mysore, Karnataka	1991

### Details of Service:

Name of the Department and University	Period	Designation	Nature of work
Department of Statistics, Sri Krishnadevaraya University, Anantapur - A.P – INDIA	10.01.1991 to 09.01.1996	Assistant Professor (Lecturer)	Teaching and Research
Department of Statistics, Sri Krishnadevaraya University, Anantapur - A.P – INDIA	10.01.1996 to 09.01.2000	Assistant Professor Senior Scale Lecturer)	Teaching and Research
Department of Statistics, Sri Krishnadevaraya University, Anantapur - A.P – INDIA	10.01.2000 to 24.04.2007	Associate Professor	Teaching and Research
Department of Studies in Statistics, University of Mysore, Mysore, Karnataka	25.04.2007 to 11.09.2014	Associate Professor	Teaching and Research
Department of Studies in Statistics, University of Mysore, Mysore, Karnataka	12.09.2014 to till date	Professor	Teaching and Research

### **Awards / Recognitions:**

1. 1985 – Mysore University Junior Research Fellowship Awarded.
2. 1986 – UGC Junior Research Fellowship Awarded.
3. 1988 – UGC Senior Research Fellowship Awarded.
4. 1989 – C.S.I.R. Senior Research Fellowship Awarded.

### **Number of projects Completed:**

<b>Sl. No.</b>	<b>Title of the project</b>	<b>Funding Agency</b>	<b>Amount</b>	<b>Year (From-To)</b>
01	Limit theorems for sums of independent random variables	U.G.C Minor Research Project	Rs.6,250/-	1994 - 1996
02	Sample path properties of Stable Subordinators	U.G.C Minor Research Project	Rs.10,500/-	1998 - 2000
03	Contributions to limit Theorems and its Applications	U.G.C Major Research Project	Rs.3,28,400/-	1998 - 2001
04	Contributions to limit Theorems in Probability Theory and Related Stochastic Processes	C.S.I.R Major Research Project	Rs.1,96,000/-	2001 - 2003
05	Contributions to Theory of Fluctuations their applications in Probability Theory	U.G.C Major Research Project	Rs.3,75,560/-	2002 - 2005
06	Faculty Development	UGC BSR GRANT	Rs.35 Lakhs	2006- 2007
07	Faculty Development	UGC BSR GRANT	Rs.20 Lakhs	2007 - 2008
08	Faculty Development	UGC BSR GRANT	Rs. 30 Lakhs	2008 - 2009
09	Faculty Development	UGC DSA PHASE - 1	Rs. 14.1 Lakhs	2009 - 2010
10	Contributions to Asymptotic Theory of Random variables	U.G.C Major Research Project	Rs. 7,52,350/-	2009 - 2012

<b>Book Publication:</b>				
<b>Sl. No.</b>	<b>AUTHOR</b>	<b>Title of Article</b>	<b>Publisher</b>	<b>Year / Month</b>
01	GOOTY DIVANJI	"Theory of Fluctuations and their applications in Probability Theory"	VDM Verlag Dr. Muller, Germany <b>ISBN-NR: 978-3-639-28678-6</b>	August 12, 2010

<b>Publications:</b>				
<b>Articles in INDIAN Journals</b>				
<b>Sl. No.</b>	<b>AUTHORS</b>	<b>Title of Article</b>	<b>Journal</b>	<b>Year / Month</b>
1	GOOTY DIVANJI	A Law of iterated logarithm for delayed random sums.	Research & Reviews: Journal of Statistics	2017; 6(1): 24–32p.
2	KN Raviprakash, K Vidyalaxmi, Gooty Divanji	A density version of a local limit theorem for properly normalised weighted sums.	Research & Reviews: Journal of Statistics	2015 4(3): 29–37p
3	GOOTY DIVANJI and K. MOSAKI	"Law of Iterated Logarithm for Subsequences of Partial Sums which are in the domain of Attraction of a Stable Law"	Stochastic Modelling and its Applications	2006 Vol.9, No: 2, pp 1-12)
4	VASUDEVA, R and DIVANJI, G	"Chover's form of Law of Iterated logarithm for rapidly increasing Subsequences"	Journal of Indian Statistical Association	2006 Vol.44, 2,185 - 195
5	GOOTY DIVANJI	"A local limit theorem for Weighted Sums"	Gujarat Statistical Association Reviews	2005 Vol.31(2004) and Vol.35(2005), Nos. 1-2, pp45 to 56
6	GOOTY DIVANJI	"Almost sure limit points for subsequences of partial Sums"	Calcutta Statistical Association Bulletin	2004 Vol.55, Sept - Dec. Nos: 219-220, pp149-159)
7	GOOTY DIVANJI and TADEWOS KOROTO	"A Density version of Local Limit Theorems for Weighted Sums"	Stochastic Modelling and Applications	2004 Vol. 7, No: 1 pp 1 – 9
8	DIVANJI, G	"Cluster Points for subsequences of Bivariate Stable Summands"	Gujarat Statistical Association Reviews	2003 Vol.29, Nos.1-2, pp 67-78

9	DIVANJI, G and VASUDEVA, R	"Law of iterated logarithm - Cluster Points for Subsequences of bivariate Summands"	Stochastic Modelling and Applications	2002 Vol.4, No.2, 2001, pp1-14
10	VASUDEVA, R and DIVANJI, G	"Almost sure limit set of the vector sequence of partial sums and Delayed sums"	Calcutta Statistical Association Bulletin	1990 Vol.39, Sep and Dec, Nos. 155-156, pp151-161
11	DIVANJI, G and VASUDEVA, R	"Tail behavior of distributions in the domain of partial attraction and some related iterated logarithm laws"	Sankhya	1989 Series A, Vol.51, Part 2, pp196 – 204
12	DIVANJI, G	"On Semi-a-Laplace Distributions"	Journal of Indian Statistical Association	1988 Vol.26, pp 31-38
13	DIVANJI, G	"Convergence of moment estimates and a local limit theorem under the domain of partial attraction"	Proceedings of the VIII Annual Conference of ISPS, Shivaji University, Kolhapur	1986, pp 13-24

<b>Articles in INTERNATIONAL Journals</b>				
<b>Sl. No.</b>	<b>AUTHORS</b>	<b>Title of Article</b>	<b>Journal</b>	<b>Year / Month</b>
14	Gooty Divanji and K N Raviprakash	An Almost Sure Limit Set of the Vector Sequence of Delayed sums and Delayed Random Sums	Communicated	2017
15	Gooty Divanji and K N Raviprakash	Precise Asymptotics in the other Law of iterated logarithm	Communicated	2017
16	Gooty Divanji and K N Raviprakash	A log log law for delayed random sums	Communicated	2017

17	GOOTY DIVANJI and RAVI PRAKASH, K.N	A Log Log Law for Subsequences of Delayed Random Sums.	Journal of the Indian Society for Probability and Statistics	Online Publication, 2017
18	K N Raviprakash and Gooty Divanji	Almost Sure Limit Points For Delayed Random Sums	International Education and Research Journal [IERJ],	Vol. 2, Issue 11, 29-35, November 2016.
19	GOOTY DIVANJI and RAVI PRAKASH, K.N	Limit Infimum results for Subsequences of delayed random sums and related boundary crossing problem	International Educational Scientific Research Journal [IESRJ]	Vol. 2, Issue 9, September, 2016, DOI: 10.21276 / 2455 - 295X.
20	GOOTY DIVANJI and VIDYALAKSHMI, K	On large deviation probabilities for properly normalized weighted sums and related law of iterated logarithm	International Education & Research Journal [IERJ]	Vol.2, Issue 8, August, 2016, DOI: 10.21276/2454- 9916
21	K Vidyalaxmi, KN Raviprakash and Gooty Divanji	Almost Sure Limit Inferior for Increments of Stable Subordinators	Open Access Library Journal	2014
22	MADDIPATLA SREEHARI and GOOTY DIVANJI	On limit infimum results for sub- sequences of partial sums and random sums	Statistics and Probability Letters	2014 95, 101–109
23	GOOTY DIVANJI and K. VIDYALAXMI	A Precise asymptotic behaviour of the large deviation Probabilities for weighted sums and Applications	Applied Mathematics, Vol.9, No.9	2011

24	GOOTY DIVANJI and K. VIDYALAXMI	“Limit Points for Subsequences of properly Normalized Bivariate Summands”	Proceedings of the 2nd International Conference on Mathematical Sciences Kuala Lumpur, Malaysia	2010 pp 197 - 205
25	VASUDEVA, R and DIVANJI, G	“A Bivariate law of iterated logarithm for partial sums and delayed sums”	The Open Statistics and Probability Journal	2009 Vol. I, 65 - 70
26	GOOTY DIVANJI	“Moment estimates for sums of weighted random variables”	Department of Statistics, University of Botswana	2007 Working Paper series No: 3
27	GOOTY DIVANJI	“Law of Iterated Logarithm and Almost Sure Limit Points for Random Sums”	Statistical Methodology	2006 Vol. 3, 398-405
28	GOOTY DIVANJI	Law of iterated logarithm and almost sure limit points for subsequences of partial sums and delayed sum	Journal of Ethiopian Statistical Association	2005 Volume 14
29	GOOTY DIVANJI	Moment convergence and a local limit theorem for weighted sums	Journal of Ethiopian Statistical Association	2005 Volume 14
30	GOOTY DIVANJI and TADEWOS KOROTO	“Limit Infimum Results for Subsequences of Partial Sums and Random Sums”	Statistics and Probability Letters	2005 Vol 71, issue 2, pp123-129
31	VASUDEVA, R and DIVANJI, G	“On Almost sure behaviour of Stable Subordinators over Rapidly increasing sequences”	Theory of Probability and its Applications	2005 Vol. 50, issue3, pp 1 – 6

32	GOOTY DIVANJI	“Law of Iterated Logarithm for Subsequences of Partial Sums which are in the Domain of Partial Attraction of a Semi Stable Law”	Probability and Mathematical Statistics	2004 Vol.24, issue2, pp 433-442
33	VASUDEVA, R and DIVANJI, G	“LIL for Delayed Sums under a Non-Identically distributed Setup”	Theory of Probability and its Applications	1992 Vol.37, No.3, Pp534 – 542
34	VASUDEVA, R and DIVANJI, G	“Law of iterated logarithm for random Subsequences”	Statistics and Probability Letters	1991 Vol.12 pp189-194
35	VASUDEVA, R and DIVANJI, G	“Law of the iterated logarithm for the increments of stable Subordinators”	Stochastic Processes and their Applications	1988 Vol.28, pp 293-300

**Conference / Seminar participated and Presented:**

Sl.No.	Title	Organized by	Year / Month	Participated or presented the paper
01	“Convergence of Moment estimates and a Local limit theorem under domain of partial attraction	VII Annual Conference of ISPS, Department of Statistics, Shivaji University, KOLHAPUR – 416 004.	10.11.1986 to 13.11.1986	Participated and presented the paper
02	“Semi- $\alpha$ -Laplace distributions”	UGC Sponsored Seminar on Distribution theory. Dept of Mathematics and Statistics, Cochin University of Science and Technology, COCHIN – 682 022.	28.03.1989 to 30.03.1989	Participated and presented the paper
03	“Moment Convergence and a local limit theorem for Weighted Sums”	XVI Annual Conference of ISPS, Dept. of Statistics, Osmania University, HYDERABAD.	18.12.1995 to 21.12.1995	Participated and presented the paper

04	“Law of iterated logarithm for Subsequences of Partial Sums and Stable Subordinators”	National Seminar on Stochastic Process and Statistical Inferences, held at Dept. of Statistics, M. S. University, Baroda.	13.02.1997 to 15.02.1997	Participated and presented the paper
05	“Almost sure limit points for Subsequences of partial Sums”	IV Annual Conference of the Society for Development of Statistics, HYDERABAD.	One day i.e., on 14.11.1998	Participated and presented the paper
06	“Law of iterated logarithm and Almost sure limit points for Subsequences of partial Sums and delayed Sums”	Vth International Conference on Combinatorics, Statistics, Pattern Recognition and Related Areas, Dept. of Statistics, University of Mysore, Mysore-6.	28.12.1998 to 30.12.1998	Participated and presented the paper
07	“Law of iterated logarithm – Cluster Points for Subsequences of bivariate Summands”	National Conference on “Recent developments in Statistical Science” held at Dept. of Statistics, Karnataka University, Dharwad – 580 003.	26.02.2002 to 28.02.2002	Participated and presented the paper
08	“Law of Iterated Logarithm and Almost Sure Limit Points for Random Sums”	XXV Annual Conference of ISPS, Dept. of Statistics, Bangalore University, Bangalore	28.12.2005 To 30.12.2005	Participated and presented the paper
09	“Cluster points for Subsequences of Bivariate Summands which are in the domain of Normal attraction of Stable Law”	94th Session of the Indian Science Congress, Annamalai University	03.01.2007 to 07.01.2007	Participated and presented the paper
10	“On Large Deviation Probabilities and Law of Iterated Logarithm”	7th International Triennial Calcutta Symposium, Calcutta University, Calcutta	28.12.2009 to 31.12.2009	Participated and presented the paper
11	“Limit Points for Subsequences of properly Normalized Bivariate Summands”	2nd International Conference on Mathematical Sciences, Putra World Trade Centre, Kuala Lumpur, Malaysia	30.11.2010 to 02.12. 2010	Participated and presented the paper



**Papers in Proceedings:**

<b>Sl. No.</b>	<b>Title of the paper</b>	<b>Title of conference/seminar volume</b>	<b>Year of publication</b>	<b>Publisher</b>
01	"Convergence of moment estimates and a local limit theorem under the domain of partial attraction"	The VIII Annual Conference of Indian Society for Probability and Statistics	1986, pp 13-24	Proceedings of The VIII Annual Conference of ISPS, Shivaji University, Kolhapur
02	'Limit Points for Subsequences of properly Normalized Bivariate Summands'	2nd International Conference on Mathematical Sciences, Putra World Trade Centre, Kuala Lumpur, Malaysia	2010, pp 197-205	Proceedings of the 2nd International Conference on Mathematical Sciences

**Participation in Professional Trainings:**

<b>Programme held at</b>	<b>Period</b>	<b>Nature</b>
Academic Staff College, S. V. University, TIRUPATI – 517 502.	19.09.1994 to 15.10.1994	Four week Orientation Programme
UGC Sponsored Work shop, Dept. of Statistics, University of Mysore, MYSORE - 570 006.	13.03.1995 to 17.03.1995	Workshop on Stochastic Calculus.
Indian Statistical Institute, Stat - Math Unit, CALCUTTA.	29.05.1995 to 17.06.1995	Summer School on Descriptive Set theory and applications.
UGC Sponsored <u>National Level Work shop</u> , Dept. of Statistics, University of Mysore, MYSORE-6	04.09.2000 to 07.09.2000	National Level Workshop on "Limit theorems in Probability and Statistics"
Academic Staff College, University of Pune, Ganeshkhind, Pune-11007 (Conducted at Department of Statistics)	01.11.2000 to 28.11.2000	Four week Refresher Course on "Computer Applications in Statistics"
Department of Mathematics, S. K. University, Anantapur-515 003	16.07.2001 to 05.08.2001	Three Weak Refresher Course in Mathematics

### **Countries Visited so far:**

Name of the Department and University Visited	Period	Nature of work
Department of Statistics, Faculty of Science, Addis Ababa University, <u>ADDIS ABABA – ETHIOPIA</u>	01.11.2003 to 31.07.2005	Teaching and Research
Department of Statistics, Faculty of Social Sciences, University of Botswana, Private bag UB 00704, <u>GABORONE – BOTSWANA</u>	30.08.2005 To 29.08.2007	Teaching and Research
2nd International Conference on Mathematical Sciences, Putra World Trade Centre, Kuala Lumpur, Malaysia	30.11.2010 to 03.12.2010	Research Article Presented

### **Membership to professional Organization / Associations:**

Sl. No.	Name of the Association/Organizations	Life member/Ordinary member
01	Indian Society for Probability and Statistics ,1993	Life Member
02	Society for Development of Statistics, INDIA, 1998	Life Member

- **Number of Ph.D candidates successfully completed:** Two
- **Number of Ph.D candidates currently working:** Nill
- **Number of M.Phil candidates successfully completed:** Three

### **Administrative and Academic works:**

Worked as

- 1) Chairman of the Department.
- 2) Chairman for Board of Examinations.
- 3) Member of Board of Studies and Board of Examination.
- 4) Member of Board of Examination.
- 5) Coordinator for CBCS - CAGP Programme.
- 6) Adjudicator for thesis work.
- 7) Reviewer and Referee for abstracts and journals of National and International repute.
- 8) Chairman of Viva-Voce Board for Ph.D. thesis.
- 9) Sessions conducted in Seminars.
- 10) Seminar Coordinator.
- 11) Coordinator for Different Courses.