

Resume

Dr. Gani Shrishail Ramappa M. Sc., PGDCA, Ph. D.

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OBJECTIVE

To acquire a suitable position utilizing my academic background, research and teaching experience.

PERSONAL DETAILS

Name: Gani Shrishail Ramappa
Father's Name: Ramappa Basappa Gani
Date of Birth : 1st June 1977
Gender: Male

Permanent Address: H. No. 10, KHDC colony,
At\Po: Hulyal Tq: Jamkhandi, Dist: Bagalkot
6587301, Karnataka, India.

Present Address: H. No. 27/4, Vaasa Layout,
Near Kalyan Nagar, Hattikolla, Dharwad 6
580007, Karnataka, India.

ACADEMIC BACKGROUND

- **Ph. D. in Statistics**, Karnatak University, Dharwad, India, April 2006.
Thesis: A Study of Stochastic Epidemic Models with Preventive Measure.
- **M. Sc. in Statistics**, Karnatak University, Dharwad, India, May 2001 (*First Class with Distinction*).
- **P.G.D.C.A.**, Karnatak University, Dharwad, India, June 2001 (*First Class with Distinction*).
- **B. Sc. (Statistics, Mathematics, Computer Applications)**, Com., BHS Arts and TGP Science College Jamkhandi, Karnatak University, Dharwad, India, April/May 1999 (*First Class with Distinction*).
- **Details of Orientation Programmes, Refresher Courses and Methodology Workshops Attended**

Sl. No.	Name of the course/ Summer school	Place	Duration	Sponsoring Agency
1	Workshop cum Training Program on <i>Stochastic Models and Their Applications</i>	DST Center for Interdisciplinary Mathematical Sciences, BHU, Varanasi	September 22 to October 04, 2008 Two weeks	DST
2	Orientation Programme	UGC 6 Academic Staff College, Himachal Pradesh University, Shimla	May 4 to May 30, 2009 Four Weeks	UGC
3	Advanced Training Program on <i>Bayesian Statistics: Theory and Applications</i>	DST Center for Interdisciplinary Mathematical Sciences, BHU, Varanasi	December 21 to December 27, 2009 One Week	DST
4	Refresher Course in Mathematical Sciences	UGC 6 Academic Staff College, Banaras Hindu University, Varanasi	October 29 to November 18, 2011 Three Weeks	UGC
5	Advanced Workshop on <i>Partial Differential Equations: Analysis and Applications</i>	DST Center for Interdisciplinary Mathematical Sciences, BHU, Varanasi	July 22 to July 31, 2013 Two Weeks	DST
6	Refresher Course in Computer Science (Interdisciplinary)	UGC 6 Human Resource Development Centre, University of Calicut, Calicut	August 10 to August 30, 2016 (Three Weeks)	UGC
7	Refresher Course in Mathematics and Statistics	UGC 6 Human Resource Development Centre, Himachal Pradesh University, Shimla	July 22 to August 03, 2019 (two Weeks)	UGC
8	Online FDP on Managing online classes and co-creating MOOCs	Faculty Learning Centre, Ramanujan College, University of Delhi	May 18 to June 03, 2020 (Two Weeks)	MHRD
9	One Week Online FDP on Python Programming	Government First Grade College and PG Center Dharwad, Karnataka	9th July to 15th July 2020 (One Week)	MHRD

RANKS AND AWARDS

Academic

- Dr. D. C. Pavate Memorial Visiting Fellowship at the Department of Applied Mathematics and Theoretical Physics, **University of Cambridge, Cambridge- U.K.** Award.
- First Rank in M. Sc. to the Department of Statistics, Karnatak University, Dharwad.
- First Rank in PGDCA Course, Karnatak University, Dharwad.
- Third Rank in M. Sc. General to the Karnatak University, Dharwad.
- University Research Studentship for the Year 2001-2005.

Non-Academic (for Co-curricular Activities)

- NSS State Level -Best NSS Programme Officer for the year 2013-2014.
- University Level Dr. D. C. Pavate Best NSS Programme Officer award for the year 2013-2014.

RESEARCH EXPERIENCE

- Worked as research scholar from July 2001 to April 2006 in the area of Stochastic Epidemic Models, in the Department of Statistics, Karnatak University, Dharwad.
- Principal Investigator of Major Research Project of worth **Rs. 6,56,800/-** in Statistics, entitled "New Developments in Stochastic Epidemic Models" sanctioned in the UGC eleventh plan grant by UGC.
- Co- Principal Investigator of DST Major Research Project of worth **Rs. 14.5 lacks** /- in Statistics, entitled "A Study of Stochastic Epidemic Models and Optimal Control Policies" with Principal Investigator Prof. A. S. Kadi.
- Recognized Research Guide in Department of Statistics, Karnatak University, Dharwad.

Details of Ph.D. under my supervision:

1. *Scholar's Name* : Dr. (Smt.) Shreedevi Halawar
Title of the Thesis : Methods of Studying Stochastic Optimal Control Theory for Epidemic Processes
Registration No.& Date: 576/12.12.2013 and *Date of Award*: 11.10.2018
Name of the Institute: Karnatak University, Dharwad

TEACHING EXPERIENCE

- Worked as Guest Lecturer in the Department of Statistics, PGDCA Course (Department of Statistics), and Department of Computer Science Karnatak University, Dharwad, during 2001 to 2007.
- Worked as Lecturer in the Department of Statistics, Maharani's Science College for Women Mysore from 5th November 2007 to 8th July 2008.
- Worked as Assistant Professor in the Department of Statistics, Karnatak Arts College, Karnatak University, Dharwad from 9th July 2008 to 4th November 2019.
- Worked as Associate Professor in the Department of Statistics, Karnatak Arts College, Karnatak University, Dharwad from 5th November 2019 to 4th November 2022.
- ***Working as Professor in the Department of Statistics, Karnatak Science College, Karnatak University, Dharwad from 5th November 2022.***

MEMBER TO PROFESSIONAL and ACADEMIC BODIES

1. Member of International Biometric Society (Indian Region).
2. Life Member of Indian Bayesian Society.
3. Life Member of Indian Statistical Association.
4. Life Member of Indian Society for Probability and Statistics.
5. Member BOS in Statistics, Karnatak University, Dharwad
6. Member BOS of model curriculum in the subject Statistics by Karnataka state Higher Education Council.
7. Member BOE in Statistics, Karnatak University, Dharwad
8. Member BOE in Statistics, University of Mysore, Mysuru

SOFTWARE PROFICIENCY

- **Programming** : Pascal, COBOL, Fortran, C, R-Programming.
- **Statistical Packages** : MATLAB, SPSS, SYSTAT.
- **Documentation** : Word Processing, Latex.

PUBLICATIONS

1. Suhas Bhat, Surekha B. Munoli and **Shrishail R. Gani** , A control theory based analysis of repairable system, *International Journal of Agricultural and Statistics Sciences* Vol. 17, Supplement 1, pp. 957-965, 2021.
2. Shankrevva Gani, **Shrishail R. Gani** and Deterministic and stochastic models for unemployment , *Journal of Applied Probability and Statistics*, Volume 16, issue 1, 31-46, April 2021.
3. Shankrevva Gani, **Shrishail R. Gani** and Surekha B. Munoli, Optimal control analysis of unemployment models-A Stochastic Approach. *International Journal of Mathematics and Statistics* Volume: 21 Issue: 3, 2020, online.
4. Shankrevva Gani, **Shrishail R. Gani** and Surekha B. Munoli, Optimal control analysis for Stochastic Unemployment Model, *International Journal of Mathematics and Statistics*, Volume 20; Issue Number 2, 2019.
5. **S. R. Gani** and S. V. Halawar, Optimal Control Analysis of Deterministic and Stochastic Epidemic Model with Media Awareness Programs, *An International Journal of Optimization and Control: Theories & Applications*, Volume: 3 Issue: 1, 2018.
6. **S. R. Gani** and S. V. Halawar, Optimal control for the spread of infectious disease: The role of awareness programs by media and antiviral treatment, *Optimal Control Applications and Methods*, Volume: 39 Issue: 4, July/August 2018, pp. 1407-1430; <https://doi.org/10.1002/oca.2418>, Impact factor: 1.614
7. Surekha B. Munoli, Shankrevva R. Gani and **Shrishail R. Gani**, A Mathematical Approach to Employment Policies: An Optimal Control Analysis, *International Journal of Statistics and Systems*, Volume: 12 Issue: 3, 2017, pp. 549-565.

8. **S. R. Gani** and S. V. Halawar, Optimal Control Analysis of Deterministic and Stochastic Epidemic Model with Vaccination, *International Journal of Statistics and Systems*, Volume: 12 Issue: 2, 2017, pp. 251-263.
9. **S. R. Gani** and S. V. Halawar, Deterministic and Stochastic Optimal Control Analysis of an SIR Epidemic Model, *Global Journal of Pure and Applied Mathematics*, Volume: 13 Issue: 9, 2017, pp. 5761-4778.
10. **S. R. Gani** and S. V. Halawar, Analysis of an SIVR Epidemic Model with Different Optimal Control Strategies, *Research Journal of Mathematical and Statistical Sciences*, Volume: 5 Issue: 2, 2017, pp. 5-13.
11. A. S. Kadi, S. R. Itagimath and **S. R. Gani**, A Review of the HIV/AIDS Epidemic in Karnataka, *International Journal of Current Research*, Vol. 8, Issue, 09, pp.37916-37923, September, 2016.
12. S. L. Sangam1 , **S. R. Gani** and Preeti Patil, H1N1: A Webometrics Study, Proceedings of The International Conference on Big Data & Knowledge Discovery, Documentation Research and Training Centre (DRTC), *Indian Statistical Institute Bangalore*, March 2016.
13. A. S. Kadi, Sahana P. Hiremath and **S. R. Gani**, Optimal Control of an Influenza Model with Multiple Control Strategies, *International Journal on Recent Trends in Life Science and Mathematics*, Volume: 2 Issue: 5, May 2015.
14. A. S. Kadi, S. R. Itagimath and **S. R. Gani**, Dynamic characteristic analysis of mother to child transmission of HIV in India, *Global Journal of Medicine and Public Health*, 3 (6), 2014. (Corresponding author: **S. R. Gani**, ISSN No. 2277-9604).
15. S. L. Sangam ,U. B. Arali, C. G. Patil and **S. R. Gani**, Research Trends in Genetics: Scientometric Profile of Selected Asian Countries, *DESIDOC Journal of Library and Information Technology*, Vol. 34, No. 3, May 2014
16. A. S. Kadi and **S. R. Gani**, On the time to extinction of Recurrent Epidemics with Initial Preventive Measures, *International Journal of Agricultural and Statistical Sciences*, Vol.7,No.2,Dec. 2011.
17. **S. R. Gani**, Sk. Taslim Ali and A. S. Kadi, The Transmission Dynamics of Pandemic Influenza A/H1N1 2009-10 in India, *Current Science*, Vol. 101, No. 8, 25 October, 2011. Impact factor: 0.912.
18. A. S. Kadi and **S. R. Gani**, Four-Stage HIV/AIDS Epidemic Model, *Journal of the Indian Statistical Association*, Vol. 47, No. 2, 109-131, Dec., 2009.
19. A. S. Kadi and **S. R. Gani**, Size and Structure of Immigration to Canada, an exploratory Data Analysis, Published in *Karnatak University Journal of Science*, vol. 47, 2006 ó 07.
20. A. S. Kadi and **S. R. Gani**, Population Aging and Problems in Canada and India, Published in proceedings of the Conference on "Market Forces and Cultural Change: Canada and India", 2006.
21. A. S. Kadi and **S. R. Gani**, General Stochastic Epidemic Model with Preventive Measure, Published in proceedings of the *Seventh Conference of International Biometric Society (IR)* held at BHU, Varanasi, 2003.

INVITED TALKS/SPECIAL LECTURERS GIVEN IN CONFERENCE/WORKSHOPS

1. Six lecturers given on R ó programming in two days state level workshop on õStatistical Computing Using Ró organized by St. Agnes College ó Mangalore on 16th and 17th July, 2012.
2. Six expert lecturers given on õModeling and system simulation & its implementation through GPSSö to M.Sc. Computer Science Course in P. C. Jabin Science College, Hubli on 17th and 18th May, 2012.
3. Delivered Invited talk on Excel, SPSS and R- programming in the Department of Computer science, Kuvempu University, Shankarghatta, Shimoga as a part of Computer Skill classes for MBA and M. Com Students from 07.03.2015 to 08.03.2015.
4. Delivered Invited talk in two-day workshop on R- programming in the department of Mathematics, Nehru Memorial College, Puthanampatty, Trichy District, Tamilnadu during 25 - 26 September 2015.
5. Delivered Invited talk on SPSS and R- programming in the Department of Computer science, Kuvempu University, Shankarghatta, Shimoga as a part of Computer Skill classes for MBA and M. Com Students from 07.03.2015 to 08.03.2015.

PAPERS PRESENTED IN CONFERENCE/WORKSHOPS/SEMINORS ATTENDED

1. Recurrent Epidemic Model with Initial Preventive Measures, presented at VIIIth Conference of the International Biometric Society (IR) held at University of Agricultural Science, Bangalore, October 2005.
2. Quasi-Stationary Distribution of Recurrent Epidemic Model with Initial Preventive Measures, presented at National Conference on Statistical Inference held at Department of Statistics and Center for Advanced Studies in Statistics, University of Pune, January 2006.
3. A Stochastic Model for Unemployment, presented in the ISBA Regional Meeting and International Workshop/Conference on Bayesian Theory and Applications (IWCBTA) held at BHU, Varanasi, India during January 6-10, 2013.
4. A Simple Stochastic Model for Employment, presented in National Conference on Recent Advances in Statistics held at Department of Statistics and Centre for Advanced Studies, Savitribai Phule Pune University, Pune, January 2-3, 2015.

CONFERENCE/WORKSHOPS/SEMINORS ATTENDED

1. Seventh Conference of International Biometric Society (IR) held at BHU, Varanasi, 2003.
2. UGC sponsored Workshop on Electoral Reforms: Law and Campaign Finance, organized by Dept., of Studies in Law, University College of Law and Society for Human Rights law, Dharwad, 17 January 2010.
3. UGC sponsored Workshop on *Innovative Teaching Methods in Statistics*, organized by P. C. Jabin Science College, Hubli, 23 March 2010.
4. One day seminar on õ Statistics Dayö organized by Department of Statistics, KUD and National Sample Survey Organization Hubli (Govt., of India), 29 June 2010.
5. One day workshop on õSimulation Techniques and Reliability Theoryö organized by Department of Statistics, G.G.D. Arts B. P. Com., and S.V.S. Science College, Bailhongal, 27th March, 2011.

CO-CURRICULAR ACTIVITIES

N.S.S. EXPERIENCE

Worked as a N.S.S. Programme Officer, Karnatak Arts College, N.S.S Unit A, from July 2011 to July 2015.

NUMBER OF N.S.S. CAMPS/PROGRAMMES ATTENDED : 04

National Level Camps Attended : 03

1. Attended the Inter_University South Zone workshop on “**Considering National Service Scheme as elective subject and skill Development with Vocational Education Training**” at K. L. E. University Campus, Belagaum, during 20th May to 21st May 2014.
2. Lead the team of N.S.S. Volunteers of Karnatak University, Dharwad for “**Special Adventure Camp**” held at Atal Bihari Vajapayee Institute of Mountaineering And Allied Sports, Manali (H. P.) from 28.12.2013 to 06.01.2014.
3. Attended the “**Training of Trainers Programme on Decentralized Governance and Youth Development**” Organized by Rajiv Gandhi National Institute of Youth Development (RGNIYD), Ministry of Youth Affairs and Sports, Government of India, Shriperambadur (T.N.) during 10th December to 14th December 2012.

State Level Camps Attended : 01

1. Lead the team of N.S.S. Volunteers of Karnatak University, Dharwad for “**State and National level Pre-Republic Day Parade Training and Selection Camp**” held at Manasagangothri Campus, University of Mysore, Mysore, from 13th September to 16th September 2013.

NUMBER OF N.S.S. CAMPS/PROGRAMMES CONDUCTED : 09

National Level Camps Conducted : 01

1. Conducted “**National Integration Camp – 2014**” at Karnatak University, Dharwad organized by NSS Cell, K. U. Dharwad from 1st February to 7th February 2014 (Organizing Committee Member).

University Level Camps Conducted : 02

1. Conducted “**Karnatak University Level Leadership Training Camp – 2014**”, at Karnatak Arts College, Dharwad organized by NSS Units, Karnatak Arts College, Dharwad from 19th to 25th March, 2014.
2. Conducted “**District Level Volunteers Selection Camp 2013-14 for RD and NI Camps**”, at Karnatak Arts College, Dharwad organized by NSS Units, Karnatak Arts College, Dharwad on 25/08/2013.

Blood Donation Camps Conducted : 03

1. Conducted “**Blood Donation Camp**”, at Karnatak Arts College, Dharwad organized by NSS Units, Karnatak Arts College, Dharwad on 27-03-2012. Assisted with the District Hospital, Dharwad and Rotary Blood Bank Dharwad.
2. Conducted “**Blood Donation Camp**”, at Karnatak Arts College, Dharwad organized by NSS Units, Karnatak Arts College, Dharwad on 18-03-2013. Assisted with the District Hospital, Dharwad and Rotary Blood Bank Dharwad.
3. Conducted “**Blood Donation Camp**”, at Karnatak Arts College, Dharwad organized by NSS Units, Karnatak Arts College, Dharwad on 12-03-2012. Assisted with the Karnatak Cancer Therapy & Research Institute, Navanagar, Hubli and Rotary Blood Bank Dharwad.

Special Annual Camps Conducted : 03

1. Special Annual N.S.S. Camp conducted at Kurubagatti Village, Taluka/District Dharwad during 13.02.2012 to 20.02.2012.
2. Special Annual N.S.S. Camp conducted at Kurubagatti Village, Taluka/District Dharwad during 13.02.2012 to 20.02.2012.
3. Special Annual N.S.S. Camp conducted at Kabbenoor Village, Taluka/District Dharwad during 19.01.2014 to 25.01.2014.

NUMBER OF AWARENESS PROGRAMMES/RALLIES ORGANIZED : 04

1. On 21.02.2014 on the day of the formal launch of National Youth Policy 2014 and Rajiv Gandhi Khal Abhiyan, a Rally was organized in association with KUD NSS cell.
2. Two kilometer long Rally on vÅåđå , ÅÄqÅçj, ÅÄqÅçj was organized on 29th August 2013 in association with KUD NSS cell and all Dharwad local college NSS units.
3. District Youth Convention Programme is organized on 2nd March 2012 in association with Nehru Yuva Kendra, Dharwad.
4. On the vocation of **150th Birth** Anniversary of **Swami Vivekananda National Youth** Convention Programme is organized on 19nd January 2013 in association with Nehru Yuva Kendra, Dharwad.

Number of Personality Development Training Programmes Organized : 07

1. Special lecturer Series of 2011 ó 2012 academic year NSS activities on the topic õHow face Competitive Examsö is organized on 19.09.2011 and on 19.10.2011.
2. Special lecturer Series of 2012 ó 2013 academic year NSS activities on the topic õUPSC and KPSC Civil Service Examsö is organized on 04.10.2012 and on 22.03.2013.
3. Special lecturer Series of 2013 ó 2014 academic year NSS activities on the topic õCivil Service Exams the prospective for Youthsö is organized on 22.03.2014 and on 13.04.2014.

REFERENCES

1. Dr. S. B. Munoli,
Associate Professor,
Department of Statistics,
Karnatak University, Dharwad.
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2. Prof. N. M Bujurke
Emeritus Fellow (UGC)
Department of Mathematics,
Karnatak University, Dharwad-580 003
Email: bujurke@yahoo.com; Mobile : 9448424745

SUMMARY

I am expertise in Stochastic Processes applications, Epidemic Models, Simulation, Statistical Inference, Operations Research and Econometrics. I have thorough knowledge in developing programmes for scientific applications using R, MATLAB, C, and Fortran programming languages.

My strengths are love for teaching and research, hard work and curiosity to learn new things.

Dr. Gani Shrishail R.