i)General Information

a)Name : **Dr. S. DEVAARUL**

b)Address (Residential) : 87/22A., Avinashi Road,
  SITRA, Coimbatore-14

c) Designation : Associate Professor and Head

d) Department : Department of Statistics

e) Date of Birth : 27/04/1972

f)Area of Specialization : Applied Probability and SQC

A) Academic Qualifications

Examination passed	Board/university	Subject	Year	Division grade/merit etc.,
Matriculation	TN State Matric Board	Maths, Phy, Chem	1988	I
H.Sc.	TN State Board	Maths, Phy, Chem	1990	I
B.Sc.	Bharathiar University	Statistics	1993	I
M.Sc.	Bharathiar University	Statistics	1995	I
M.Phil.	Bharathiar University	Statistics	1996	I
PGDCA	Bharathiar University	Computer Application	1997	I
Ph.D	Bharathiar University	Statistics	2004	I

ii)Research Experience &Training

Research stage	Title of thesis	University where the work was carried out.
M.Phil	A Study on Conditional Mixed Sampling Plans	Bharathiar University
Ph.D	A Study on Mixed Sampling plans and contributions to Reliability based Sampliong plans	Bharathiar University
No of Publication	More than 30 Research Articles in Reputed Journals	
Researchguidance(givethe names of students guided successfully)	List is attached	
Training(please specify)	Attended Refresher Course	

B) Seminars, Conferences, Symposia Workshops etc. attended

Name of the Seminars / Conferences /Symposia/ Workshops etc	Name of the Sponsoring Agency	Place and Date
Recent Developments in Statistical Models and Methods	UGC	Team Member, GAC, Coimbatore. Aug 27-28,2014.
Trends in Statistics & Applications	UGC	Organizing Secretary TISA – 25/2/2019 GAC, Coimbatore

iii)Teaching Experience

Courses Taught	Name of University/ College/Institution	Duration	
		Period of employment From - To	Years of Experience
Statistics, Probability, SQC, OR, DoE, Python	Government Arts College, Coimbatore	16.07.2010 to till date	13 Years
Statistics & Probability, C Programming	Chikkanna Government Arts College, Tirupur	26.12.2007 to 15.07.2010	2 Years & 7 Months
Random Processes, Numerical Methods, etc	Karunya University, Coimbatore	June 2007 to 21.12.2007	6 Months
C, C++, SQL etc.,	Binary University, Puchong, Malaysia	28.07.2005 to 08.01.2007	1 Year & 6 Months
Random Processes, Numerical Methods, etc	Karunya University, Coimbatore	20.01.1997 to 11.07.2005	7 Years & 6 Months

Total Teaching Experience (in years and months) :

a)	Under-graduate	26 Years
b)	Post-graduate	25 Years
c)	Research	18 Years

viii) Innovations / Contributions in Teaching

a)Design of Curriculum:	New Curriculum is developed for PG students
b)Teaching methods :	Innovative teaching methods are introduced. Also have Chalk and Talk method.
c)Laboratory experiments :	New experiments are implemented with Big Data Analytics

d)Evaluation methods :	CA based evaluation method is followed.
e)Preparation of resource material including books, reading materials, laboratory manuals etc.:	Course materials are prepared and uploaded for the benefit of students community.
f)Remedial Teaching/Student Counseling (academic):	Special coaching is given for failed students
g)Any other :	Lab is established for data analytics

IX) Research Contribution

a). Ph.D undergoing scholars

Sl. No	Name of the PhD/ (PT/FT) Scholar	Name of the University	Broad Field	Registration Number	Year of registration
1.	Arunthadhi N	Bharathiar University	Probability & Applied Statistics	CRE/STA21PDEC/1604/2022/dt:27..22	1.12.2021
2	Shanthi M	Bharathiar University	SQC	21309/B5/2020 dt:3.5.21	1.01.2021

b). PhD Awarded

Sl.No	Name of the PhD (PT/FT) scholar	Name of the University	Title of the thesis	Year of registration of the scholar	Year of award of PhD
1	Dr. Vijila M (P/T)	Bharathiar University	A Study and Contribution to the Design and Development of Chain Sampling Plans for Special Purpose Inspection	2013	2018

2	Dr. Ramya D (P/T)	Bharathiar University	Certain Results on Variable Sampling Plans and Contributions to the Design and Development of Reliability Sampling Plans	2014	22.03.2019
3	Dr. Senthil Kumar D (P/T)	Bharathiar University	Investigations on Variable Sampling Plans and Contributions to the Development of Mixed Sampling Plans	2016	19.3.2021
4	Dr. Jothimani K (P/T)	Bharathiar University	Investigations on Chain Sampling Plans and Contributions to the Development of Repetitive Group Sampling Plans	2016	16.02.2022
5	Dr. Santhi T (P/T)	Bharathiar University	A Study on Special Purpose Sampling Plans and Contributions to the Development of Novel Group	2017	15.06.2022

Sl.No			Acceptance Sampling Plans		

M.Phil Awarded

Sl.No	Name of the M.Phil. (PT/FT) scholar	Name of the University	Title of the thesis	Year of registration of the scholar	Year of award of PhD
1	Mr. N. Rajesh Kumar (F/T)	Bharathiar University	A Study on Probability Distributions and contribution to Process control	2021 / R0062	2022

RECENT PUBLICATIONS

1. Devaarul S and Arunthadhi N (2023), "Design of Geometric Moving Average Control Chart to Monitor Poisson Mean for an Unstabilized Production Process", International Journal of Statistics and Applied Mathematics, Vol. 8(3), pp: 26-35.

2. Devaarul S & Jemmy Joyce V (2013), "Designing and Selection of Reliability Sampling Plans Based on Minimum Angle Technique", International Journal of Mathematics and Computation, Vol. 20(3), pp: 60-65.

3. DevaArul S and Jothimani K (2020), "Design and Development of Two Sided Relational Chain Sampling Plans - TSRChSP(0, i)", International Journal of Statistics and Systems, Vol. 15(1), pp: 07-17.

4. DevaArul S and Jothimani K (2020), "Some Properties of Two Sided Relational Chain Sampling plans", International Journal of Statistics and Applied Mathematics, Vol. 5(4), pp: 107-109.

5. Devaarul S and Santhi T (2021), "A Novel Intra Lot Relational Forward Chain Sampling Plans with an Emphasis on Zero Defective – ILRFChSP (0, Ck)", International Journal of Statistics and Systems, Vol. 16(1), pp: 45-55.

6. Devaarul S and Santhi T (2020), "A Novel Algorithm with a Blend of Single and Sequential

Sampling (SSS) to Reduce Producer and Consumer Menace", International Journal of Statistics and Applied Mathematics, Vol. 6(1), pp: 39-44.

7. Devaarul S and Santhi T (2020), "Design and Development of Intra Lot Group Acceptance Chain Sampling Plans with an Emphasis on Zero Tolerance Non-Conformities", International Journal of Statistics and Applied Mathematics, Vol. 6(1), pp: 100-106.

8. Devaarul S and Shanthi M (2023), "Development of Multi Stage Multiple Sampling Plans for Variable Quality Characteristics", International Journal of Statistics and Applied Mathematics, Vol. 8(3), pp: 01-06.

9. Devaarul S and Senthil Kumar D (2019), "Design and Development of Two Stages Mixed Sampling Plans with the Norm of Variance and Non-Conformities", International Journal of Statistics and Applied Mathematics, Vol. 4(5), pp: 100-103.

10. Devaarul S and Senthil Kumar D (2019), "Development of Two Stages Variable Sampling Plans (2S-VSP) With Measures of Mean and Variance for Continuous Production Process", International Journal of Scientific & Technology Research, Vol. 8(12), pp: 1630-1633.

11. Devaarul S and Senthil Kumar D (2017), "Design and Development of Three Stages Mixed Sampling Plans for Variable – Attribute – Variable Quality Characteristics", International Journal of Statistics and Systems, Vol. 12(4), pp: 763-772.

12. DevaArul S and Vijila M (2018), "Modified Complete Chain Sampling Plans for Inexpensive or Non-Destructive Products - MCChSP (c1, c2, i, j)", International Journal of Statistics and Applied Mathematics, Vol. 3(2), pp: 78-82.

13. DevaArul S & Vijila M (2017), "Design and Development of Relational Chain Sampling Plans [RChSP(0, i)] for Attribute Quality Characteristics", Cogent Mathematics, Vol. 4, pp: 01-08.

14. Glenn Samuel D, Dr. Philip Selvaraj D & Dr. Devaarul S (2020), "A Novel Algorithm to Monitor Process Mean and Process Capability Index for a Dynamic Target", International Journal of Mechanical and Thermal Engineering, Vol. 1(2), pp: 01-05.

15. Murali S, Ramaswami K S & Devaarul S (2014), "Designing and Construction of Group Sampling Plans for an M/M/C Queueing Model", Middle-East Journal of Scientific Research Vol. 22(4), pp: 621-625

16. Ramya D & Devaarul S (2020), "Embedded Type-I and Type-II Censoring in Life-Testing

Experiments to Determine the Reliability Sampling Plans for an Exponential Distribution", International Research Journal of Engineering and Technology (IRJET), Vol. 7(5), pp: 3566-3570.

17. Ramya D & Devaarul S (2018), "Design and Development of Variable Sampling Plans for Non-Normal Heavy Tailed Lomax Process", American Journal of Mathematics and Statistics, Vol. 8(1), pp: 13-21.

18. Ramya D & Devaarul S (2017), "Design and Development of Reliability Sampling Plans for Intermittent Testing Based on Type-I Censoring", International Journal of Applied Engineering Research, Vol. 12(24), pp: 15319-15325.

19. Rebecca Jebaseeli Edna K, Devaarul S & Jemmy Joyce V (2013), "Multi - Dimensional Mixed Sampling Plans for Maximum Allowable Variance", International Journal of Mathematics and Computer Applications Research (IJMCAR), Vol. 3(1), pp: 223-228

20. Vijila Moses, Deva Arul S & Anitha J (2018), "Designing and Selection of Relational Chain Sampling Plans Indexed Through AOQL and Minimum Tangent", International Journal of Pure and Applied Mathematics, Vol. 119(18), pp: 2773-2784.

X) Extension Work / Community Service

A) Please give a short account of your contribution to:

Officer for National Census Data Collection. Presiding officer for Parliament, Assembly and Local Elections

B) Positions held/leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity.

C. Participation in Corporate Life

Please give a short account your contribution to:

a) College/University/Institution	Disciplinary committee member
b) Co-curricular Activities	Participation in Conferences, Symposia, etc.,
c)Enrichment of Campus Life (Hostels,sports,games,cultural activities)	Organizer of Games and Cultural activities
d) Students Welfare and Discipline	Disciplinary committee member
e) Membership / Participation in Bodies	Life Member of ISTE
f) Professional Organization of Teachers	TNGCTA

D.(a) Membership of Professional Bodies, Societies, Editorship of Journals etc.

Editor – Binary University Research Journal
Reviewer – Imaging Science Journal

E. Any other information

Sd..
(Signature of the Teacher)