

RESUME

Dr. PRIYADARSHINI

W/O- Mahendra Kumar Singh
104/A, Saket Plaza, Jamal Road,

Patna-800001

Mobile: 8294223317

E mail : singh.priyadarshini80@gmail.com / priyadarshini.bca.mmc@gmail.com



Objective: Teaching Computers & Statistics in your prestigious institution.

Educational Qualification

Examination	Year	Board/University	Percentage	Division
Awarded Ph.D. in Statistics	2020	Patna University	NA	NA
M.Sc.(STATISTICS)	2010	Patna University	74.31%	First
MCA	2009	IGNOU (St. Xavier's Centre, Patna)	66%	First
B.Ed.	2007	Patna University (Patna Women's College)	74.4%	First
B.Sc. (Computer Applications)	2003	Patna University (MagadhMahila College)	83%	First
Intermediate (PCM)	2000	B.I.E.C. (MagadhMahila College)	76.5%	First
Matriculation	1998	C.B.S.E. (Kendriya Vidyalaya, Kankarbagh, Patna)	84.8%	First

Research Topic : "A Statistical Comparative Study of Parametric Complexity of Some Sorting Algorithms" under the supervision of Prof. Anchala Kumari, Former Head, PG Department of Statistics, Patna University.

Additional Qualification

1. Completed a Certificate Course in Web Designing from IBM, Patna with grade 'A'.
2. Completed a one week course in "Direct Trainer Skills" organized by Bihar Institute of Public Administration & Rural Development, WALMI Campus during B.Ed. from Patna Women's College.
3. Secured 2nd Position in the University Examination in M.Sc.(Statistics)
4. Secured 2nd Position in the University Examination in B.Sc(Computer Applications) with Mathematics and Statistics as Subsidiary papers.

Work Experience

- 2003- Present **Magadh Mahila College, Patna University**
 - Working as a Visiting Faculty in the Computer Department
 - Engaging Lab and Theory Classes for BCA
 - Subjects teaching : Statistics and Computer
- 2011 – 2017 **MCA Course, Deptt. Of Statistics, Patna University**
 - Worked as a Visiting Faculty in the Department of Statistics
 - Engaged Lab and Theory Classes for MCA
- 2013-2014 **Deptt. Of Physics, Science College, Patna University**
 - Worked as a Visiting Faculty in the Computer Section
 - Engaged classes of Statistics
- 2014-Present **Dept. of Statistics, MagadhMahilaCollege, Patna University**
 - Working as a Visiting Faculty in the Department of Statistics
 - Engaging classes for B.A./B.Sc. (Statistics) Hons
 - Taking care of all the administrative works of the department
- 2015-2017 **Dept. of Statistics, Patna Science College, Patna University**
 - Worked as a Visiting Faculty in the Department of Statistics
 - Engaged classes for B.A./B.Sc. (Statistics) Hons
- 2020-Present **MCA, Patna Women's College, Patna University**
 - Working as a Guest Faculty
 - Engaging classes of Statistical and Numerical Computing(MCA)
- Appointed as the Member, Board of Studies (BoS), Department of Statistics, Patna Women's College (Autonomous) on 28.08.2018.
- Active participation in conducting various extra-curricular activities
- Acted as the member of organizing committee in various conferences organized by the Dept. of Statistics, Patna University and MagadhMahila College
- Examiner for BCA and MCA in Patna University
- Written study material for Statistics Honours in Nalanda Open University

S. No	Title of the Book	Publisher	Author	Topic
1.	Self Learning Material for B.Sc(Hons)-I in Statistics	Nalanda Open University	Priyadarshini	Probability and Probability distributions
2.	Self Learning Material for B.Sc(Hons)-II in Statistics	Nalanda Open University	Priyadarshini	Design of Experiment
3.	Self Learning Material for B.Sc(Hons)-III in Statistics	Nalanda Open University	Priyadarshini	Statistical Quality Control and Computer Applications

Seminars and Conferences attended:

Name of the Seminar/ Conference/ Symposia Workshop etc.	Name of the Sponsoring Agency	Place and Date
One Day National Seminar on the theme "Internet of Everything: A Roadmap towards Digital India" as Joint Secretary	Dept. of Computer Applications, MMC & Computer Society of India, Patna Chapter	MagadhMahila college, 14 Nov, 2017
4-Day National Workshop on "Learning Statistical Techniques with SPSS"	UGC & Dept. of Statistics, Patna University	Geology Auditorium, Patna Science College, Patna 19-22 Nov, 2016
3-Day National workshop on Big Data Analytics	UGC & Dept. of Statistics, Patna University	Geology Auditorium, Patna Science College, Patna 26-28 May, 2016
International workshop on Multivariate Ranking, Prioritization and Selection in Multivariate Non-parametric Statistics... with its Multidisciplinary Application	Dept. of Statistics, Patna University	Geology Auditorium, Patna Science College, Patna University, Patna 28 th May, 2015
Two weeks training programme on "Data Structures and Algorithms"	Electronics and ICT Academy, Patna (DeitY, Govt. of India)	Department of Computer Science & Engineering, NIT Patna, 15 th -24 th Dec, 2015
Two days National Seminar on "ICT in Health Care for Inclusive Development"	IIBM, Patna	IIBM, Patna, 14 th – 15 th September, 2013
Two days Workshop on Image Processing and Pattern Recognition	TEQIP and NIT, Patna	NIT Patna, 8 th -9 th June, 2013
BIT International Conclave 2013 on "Innovations in Engineering and Management"	BIT, MESRA and CYBOTECH	BIT, Patna Extension, 22 nd -23 rd February, 2013

49 th Annual Conference of The Indian Econometric Society(TIES)	Dept. of Statistics, Patna University	Dept. of Statistics, Patna Science College Campus, 9 th -11 th Jan, 2013
National Conference on Recent Developments in Mathematics and Related Areas	Dept. of Mathematics, Patna University & Patna Science College	Patna Science College, Patna University, 22 nd – 24 th December, 2012
A Conference on “Women in Science”	MagadhMahila College & Central University of Bihar	MagadhMahila College, Patna University, 14 th -15 th March, 2012
Assessment & Accreditation of Colleges by NAAC	NAAC, Bangalore	Feb, 2012, MagadhMahila College, Patna University
COBIT’01(as Student Delegate)	M. M. COLLEGE	PATNA, Jan-2003
COBIT’02	M. M. COLLEGE	PATNA, 2004

Publications:

- **Published a paper “Parameterized Complexity of Quick Sort, Heap Sort and K-sort Algorithms with Quasi Binomial Input”,** International Journal on Future Revolution in Computer Science & Communication Engineering, Volume 4 Issue 1, Pages 117-123, January, 2018.
- **Published a paper “Parameterized Complexity of Heap Sort, K-sort and Quick sort for Binomial Input with varying Probability of success “,** JETIR1807424(www.jetir.org), vol 5, issue 7, pages 491-495, July 2018
- **Presented a paper entitled “Parametric complexity: A new way of viewing sorting algorithms”,** ISM Patna in August, 2019. The paper got published in the conference proceedings.
- **Presented a paper entitled “ A comparative study of sorting algorithms: Statistical investigation”** in SOCTA 2019, held from 27-29 December,2019 at Dept. Of ECE, NIT Patna. **The paper is published in © Springer Nature Singapore Pte Ltd. 2020** M. Pant et al. (eds.),Soft Computing: Theories and Applications, Advances in Intelligent Systems and Computing 1154, https://doi.org/10.1007/978-981-15-4032-5_34, Page- 367-379
- **Published a paper entitled "A Peek into Sorting Complexity Analysis for Skewed Normal Parameters",** Journal of Journal of Information and Computational Science, Volume 10 Issue 8 - 2020, ISSN: 1548-7741, Page 113-125.
- **Extra Activities**
 - Participated as a student delegate in COBIT’01 and as a faculty in COBIT’ 02
 - Participated in National Mathematics Olympiad Contest in 1997 and scored 81%.
 - Participated in a State Level Debate Competition organized by National Savings organization and won second prize
 - Participated and won a number of prizes in curricular activities and sports activities at school level

Personal Information

Father's Name	Prof. Dr. Shishir Kumar Singh
Mother's Name	Ms. Kanti Singh
Husband's Name	Mr. Mahendra Kumar Singh
Date of Birth	28 th June 1982
Nationality	Indian
Gender	Female
Marital Status	Married
Language	Hindi, English
Permanent Address	104 A, Saket Plaza, Jamal Road, Patna – 800001

I hereby declare that all above information given is accurate and true to the best of my knowledge and belief.

Date: 22.01.2021

Dr. Priyadarshini

Place: Patna

Signature