

**DR. SHUBHA RANI**

**CURRENT POSITION:** Senior Director & Head - Biometrics and Data Management  
Synchron Research Services Pvt. Ltd., Ahmedabad  
Period: July 2016 – till date

**PAST EXPERIENCE**

Post : Technical Director & Head - Biometrics and Data Management  
Synchron Research Services Pvt. Ltd., Ahmedabad  
Period: November 2008 – July 2016

Post : Director - Biometrics and Data Management  
Synchron Research Services Pvt. Ltd., Ahmedabad  
Period: November 2006 – April 2008

Post : Head & Research Scientist, B.V. Patel PERD Centre, Ahmedabad  
Period: June 1994 – October 2006

Post : Lecturer in the Dept. of Statistics, L.D. Arts College, Ahmedabad  
Period: August 1993 - December 1993

Post : Lecturer in the Dept. of Statistics, P.P.N. College, Kanpur  
Period: March 1990 - March 1992

**EDUCATION PROFILE:**

<b>Qualification</b>	<b>Degree / Specialization</b>	<b>University / Institution</b>
<b>Ph.D.</b>	Statistics	IIT Kanpur
<b>Pre Ph.D.</b>	Statistics	IIT Kanpur
<b>M.Sc.</b>	Statistics	IIT Kanpur

**CURRENT AREAS OF INTEREST:**

- Statistical methods used in Bioequivalence of formulations
- Statistical procedures for clinical trials
- Designing the experiment and statistical analysis of data
- Pharmacokinetic analysis to study the behavior of pharmaceutical formulations
- Limited and sparse sampling in Bioequivalence studies
- Sparse and limited sampling in toxicokinetics and in experiments with destructive measurements techniques

**Book Published: 01.**

Handbook of Basic Statistical Concepts: For Scientists and Pharmacists. ISBN: 978-81-8487-144-9, Publication Year: 2012

**No. of National & International Publications: 38**

**No. of Abstracts & Presentations: 24**

## AWARDS AND FELLOWSHIPS:

1. **Prof. M. L. Khorana Memorial Award (2006):** For the best paper of the year 2006, in the field of Pharmacology & Clinical Pharmacy.
2. **The Best Poster Award** for the poster “Pharmacogenetics: A correlation between phenotype & genotype in Indian population” in Indo-Australian Conference, Manipal, March 17-18, 2007.
3. **Indian Drugs Best Paper Award (2002):** For the best paper of the year 2002 in the discipline of Pharmacology.
4. **Prof. M. L. Khorana Memorial Award (2000):** For the best paper of the year 2000, in the field of Pharmacology, Drug Metabolism and Pharmacokinetics.
5. Biographical-note listed in **Asia/Pacific-Who’Who** (Vol X), **Asian /American Who’Who** (Vol. II), **Rifacimento International**, **Marquis Who’sWho**, **Biography India** etc.
6. Recipient of awards such as “**Indian Golden Personalities Award**”, “**Mahila Sree Award**”, “**Jewel of India Gold Award**”, “**Rising Personalities of India Award**” etc. by Friendship Forum of India and International Indian Friendship Society.
7. **Fellowship (1984 -1989):** For Ph.D. Programme.
8. **Merit Scholarship (1982-1984):** For securing 4<sup>th</sup> rank in B.Sc. examination, Kanpur University.
9. **Merit Scholarship (1978-1980):** For securing high position in the list of meritorious candidates of High School examination, State Scholarship Scheme, **Govt. of Uttar Pradesh.**
10. **Merit Certificate (1978):** For securing high position in the list of meritorious candidates of High School Examination. National Scholarship Scheme, **Ministry of Education and Culture, Govt. of India.**

## OTHER ACADEMIC ACTIVITIES:

- **Statistical Advisor** for the journal “*Journal of Pharmacy and Clinical Sciences*”
- **Advisor – Statistics** for the journal “*Indian Journal of Pharmacology*”
- Served as **Expert Member** in the Board of Studies in Statistics and Actuarial Science, Faculty of Science, M.S. University of Baroda, Vadodara
- Served as **Member** of the advisory committee of M.Sc.(Biostatistics) Course, Department of Statistics, M.S. University of Baroda, Vadodara
- Member of the **Consultative Committee for drafting Indian Guidelines** for BA/BE studies for 2003-2005
- Guidance to Ph.D. / M.Pharm. / M.Phil. / M.Sc. students of colleges / institutes
- Reviewer for the journals *Communication in Statistics*, *Indian Journal of Pharmaceutical Sciences* and *Indian Journal of Pharmacology*
- Delivered Invited talks
- Conducted workshops on the “**Basics of Biostatistics**”

## PROFESSIONAL ACTIVITIES:

Life Member: Indian Society for Medical Statistics

Life Member: Indian Pharmaceutical Association

Life Member: Indian Statistical Association

Life Member: Gujarat Statistical Association