

### Short CV

1. Name : **Dr. DEEPIKA DELSA DEAN**
2. Designation : **Senior Research Fellow (DST-SERB Project)**
3. Institute : **Department of Medical Genetics,  
Sanjay Gandhi Post Graduate Institute of  
Medical Sciences, Lucknow, India**
4. Email(s) and contact number(s): [deepikadean.ddd@gmail.com](mailto:deepikadean.ddd@gmail.com)  
**Ph no: 09889409907**
5. Date of Birth: **8<sup>th</sup> Sep1983**
6. Gender (M/F/T): **Female**
7. Academic Qualification (Undergraduate Onwards)

S.No.	Degree	Year	Subject	University/Institution	% of marks
1.	B.Tech Biotechnology Genetic Engineering	2007	Biotechnology	Allahabad Agricultural Institute-Deemed University (A.A.I.D.U.), Allahabad, Uttar Pradesh, India	8.60 CGPA)
2.	M.Tech Biotechnology	2009	Biotechnolog y	Vellore Institute of Technology University, Tamil Nadu, India	8.53(CGPA)

8. **Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.:**

PhD Thesis title:

**“FMR1 gene mediated genotype and phenotype variation in POF and developmental delay patients”**

Supervisor: **Prof. Sarita Agarwal**

Institute: **Department of Medical Genetics, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow.**

Year of Award: **2019**

**9. Work experience (in chronological order).**

<b>S.No.</b>	<b>Positions held</b>	<b>Name of the Institute</b>	<b>From</b>	<b>To</b>
1	Lecturer	Saroj Institute of Technology and Management, Lucknow, Uttar Pradesh, India	2009	2010
2	Lecturer	Isabella Thoburn College, Lucknow, Uttar Pradesh, India	2010	2014
3	Council of Scientific and Industrial Research- Junior Research Fellow	<b>Sanjay Gandhi Post Graduate Institute of Medical Sciences</b> , Lucknow, Uttar Pradesh, India	2014	2016
4	Council of Scientific and Industrial Research - Senior Research Fellow	<b>Sanjay Gandhi Post Graduate Institute of Medical Sciences</b> , Lucknow, Uttar Pradesh, India	2016	2019

**10. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received.**

<b>S.No</b>	<b>Name of Award</b>	<b>Awarding Agency</b>	<b>Year</b>
1	<b>All India Rank 13 in B.Tech. Entrance examination.</b>	Allahabad Agricultural Institute Deemed University	2003
2	<b>All India Rank 2 in M.Tech. Entrance examination</b>	Vellore Institute of Technology University, Tamil Nadu, India	2007
3	<b>National Eligibility Test–Lectureship All India Rank-193</b>	Council of Scientific & Industrial Research	June, 2009
4	<b>National Eligibility Test – Council of Scientific and Industrial Research - Junior Research Fellow All India Rank-48</b>	Council of Scientific & Industrial Research	June, 2013
5	<b>National Eligibility Test –University Grant Commission- Junior Research Fellow All India Rank-56</b>	University Grant Commission	June, 2014
6	<b>2<sup>nd</sup> prize</b>	International conference on “Genomics in Health and Disease and 40 <sup>Th</sup> Annual Conference on Indian Society of Human Genetics” at Mumbai, Maharashtra.	January 2014
7	<b>Best Oral Presentation</b>	“ACBICON 2016” Department of Biochemistry, Kasturba Medical College Mangalore, Manipal.	December 2016

### 11. Overseas conferences

<i>Name of the place</i>	<i>Country</i>	<i>Duration of the visit with dates</i>	<i>Conference/Symposium</i>
Department of Biology & Khalifa Center for Genetic Engineering and Biotechnology, UAEU, Alain, Dubai	UAEU, Alain, Dubai	13 <sup>th</sup> to 15 <sup>th</sup> November, 2016	“First UAEU Symposium on Biological Sciences “Genomics & Bioinformatics Symposium”
International Conference Centre, Geneva, Switzerland Geneva Switzerland	Geneva Switzerland	1 <sup>st</sup> to 4 <sup>th</sup> July, 2018	“European Congress on Biotechnology 2018”

### 12. Presentations/PARTICIPATION:

- **Participated in** a work shop on “DNA Diagnostics” on 4<sup>th</sup> and 5<sup>th</sup> February 2014 held at **PGIMER, Chandigarh**.
- Invited speaker in “**APPICON 2015**” held at **AIIMS, Jodhpur** from 26<sup>th</sup> to 28<sup>th</sup> November, 2015.
- **Presented paper in “66<sup>th</sup> National conference of the neurological society of India 2017”** held at **Nagpur**, during November 2<sup>nd</sup> to 5<sup>th</sup> December, 2017.
- **Demonstrator in “15<sup>TH</sup> ICMR course on Medical genetics and Genetic counseling”** held at Department of Medical Genetics, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow held during **25th July to 6th August 2016**.
- **Demonstrator in “16<sup>TH</sup> ICMR course on Medical genetics and Genetic counseling”** held at Department of Medical Genetics, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow held during **24<sup>th</sup> July to 5<sup>th</sup> August 2017**.
- **Demonstrator in “17<sup>TH</sup> ICMR course on Medical genetics and Genetic counseling”** held at Department of Medical Genetics, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow held during **20<sup>th</sup> August to 1<sup>st</sup> September, 2018**.

### 13. Publications (*List of papers published in SCI Journals, in year wise descending order*).

<b>S.No.</b>	<b>Author(s)</b>	<b>Title</b>	<b>Name of Journal</b>	<b>Volume</b>	<b>Page</b>	<b>Year</b>
1	<b>Dean D.D.,</b> Agarwal S., Tripathi, P. (1st author)	Defining the role of FMR1 gene in unexplained recurrent spontaneous abortion	<i>J Assist Reprod Genet.</i>		accepted	2019
2	<b>Dean. D.D.,</b> Agarwal S., Muthuswamy	Fragile X molecular investigation and Genetic counselling of ID/DD patient in	<i>Expert Rev Molecular Diagnosis</i>	19(7)	641-649	2019

	S. (1st author)	an Indian scenario.				
3	<b>Dean D.D.</b> , Agarwal S., Tripathi, P.	Connecting links between genetic factors defining ovarian reserve and recurrent miscarriages.	<i>J. Assist Reprod Genet.</i>	35(12)	2121-2128.	2018
4	<b>Dean D.D.</b> , Agarwal S., Kapoor D, Vati C.	Molecular characterization of <i>FMR1</i> gene in reproductive age women and Premature Ovarian Insufficiency cases by TP-PCR.	<i>Journal of molecular diagnosis and therapy.</i>	22(1)	91-100	2018
5	Srinivasan M., <b>Dean D.D.</b> , Agarwal S.	Molecular screening of intellectually disabled and premature ovarian failure cases for CGG repeat expansion at FMR1 locus: Implication of combined triplet repeat primed polymerase chain reaction and methylation-specific polymerase chain reaction analysis.	<i>Neurology India.</i>	64(6)	1175-1179	2016
6	<b>Dean D.D.</b> , Srinivasan M., Agarwal S.	Fragile X syndrome: Current insight.	<i>Egypt J Med Hum Genet.</i>	17 (4)	303-309	2016
7	<b>Dean D.D.</b> and Agarwal S.	Next Generation Sequencing in Newborn Screening: Current Insight.	<i>Genetic Clinics</i>	9(3)	13-18	2016

#### 14. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1	A Pilot Study on Assessment of Triplet Repeat Primed PCR for Fragile X Syndrome Diagnosis.	Srinivasan M., <b>Dean D.D.</b> , Sarita A.	<i>Next Generation DNA Led Technologies. Part of the series Springer Briefs in Applied Sciences and Technology.</i>	2015