




## Faculty Details Proforma Dr Sarita Nanda



<b>Title</b>	<b>Prof.</b>	<b>First Name</b>	<b>Sarita</b>	<b>Last Name</b>	<b>Nanda</b>	<b>Photograph</b>
<b>Designation</b>	<b>Professor</b>					
<b>Address</b>	<b>Department of Biochemistry, Daulat Ram College, Delhi University, Delhi-110007</b>					
<b>Email - ID</b>	<b>saritananda@dr.du.ac.in</b>					
<b>Web Page</b>	<b>Nil</b>					
<b>Educational Qualification</b>						
<b>Degree</b>	<b>Institution</b>				<b>Year</b>	
<b>PhD</b>	<b>AIIMS</b>				<b>1983-1988</b>	
<b>MSc</b>	<b>Nagpur University</b>				<b>1980-1982</b>	
<b>BSc</b>	<b>Nagpur University</b>				<b>1977-1980</b>	
<b>Career Profile</b>						
<b>Professor in Department of Biochemistry: 18th July 2018 onwards</b> <b>Associate Professor: 1st Jan, 2006-17th July 2018</b> <b>Reader: July 1998- 31st Dec, 2005</b> <b>Sr. Lecturer: 1 Sept, 1993- 30 Jun, 1998</b> <b>Lecturer: 1st Sept, 1988-31 Aug, 1993</b>						
<b>Administrative Assignments</b>						
<b>Vice Principal: 6th Nov, 2019-to Date</b> <b>Governing Body Teachers Representative: 1 May 2023-30th April, 2024</b> <b>Teacher incharge: 2023-24, 2020-2022</b> <b>IQAC coordinator: April 2020-March 2022</b>						
<b>Areas of Interest / Specialization</b>						
<b>Biochemistry, Environment, Plant biochemistry, Hormones, Non- communicable Diseases, Bioinformatics, Art of being happy</b>						

**Subjects Taught**

**Cell biology, Nutritional Biochemistry, Hormones, Bioinformatics, Art of being Happy, Non-communicable diseases to Undergraduate students**

**Research Guidance**

**Sophayo Mahangnao- Ph.D student (Delhi University), registered 3rd Jan, 2020**

**Pooja Sharma- PhD student (Delhi University), registered 4th Jan, 2020**

**Megha Jain-MSc Student (Amity University) period of work, March 2022-Jun 2022**

**Publications Profile**

1. **Mahongnao, S., Sharma, P., Singh, D., Ahamad, A., Kumar, Pavitra V., Kumar, Pankaj., Nanda, S (2023).** Formation and characterization of leaf waste into organic compost. **Environ. Sci. Pollut. Res.** <https://doi.org/10.1007/s11356-023-27768-7> (28<sup>th</sup> May 2023) ISSN 16147499
2. **Nishant Ranjan Chauhan, Rahul Kumar, Avinash Gupta, Ramesh Chand Meena, Sarita Nanda, Kamla Prasad Mishra, Shashi Bala Singh(2021)** Heat stress induced oxidative damage and perturbation in BDNF/ERK1/2/CREB axis in hippocampus impairs spatial memory. **Behavioral Brain Research.** 396: 112895-112907. ISSN1660-4328 (Citations: 18)
3. **Manisha Gupta, Babbar, Simran, Goel Anita, Gupta Radhika, Dohare Neeraj and Nanda Sarita(2019)** Pollution Controlling Ability Of Indigenous Plant Species Growing Around Drain In Delhi. **Pollution Research(2019) Vol 38, November Suppl Issue; Page No.(29-35 ) ISSN 0257-8050-Quarterly (Citations: 2)**
4. **Babbar Simran, Manisha Gupta, Neeraj Dohare, Anita Goel, Radhika Gupta and Sarita Nanda(2019)** Pollution Controlling Ability Of Plant Species Growing On College Campus In Delhi, India **Pollution Research , Vol 38, November Suppl Issue; Page No.(23-29 ) ISSN 0257-8050-Quarterly**
5. **Jyoti Taneja, Taruna Arora, Anju Jain, Chandra Manshukhani, Latika Bhalla and Sarita Nanda.** Polycystic Ovary Syndrome Risk: Efficacy of Self Assessment Test **Int. J Reprod Contracept Obstet & Gynecol(2020) Jul; 9(7): 2015-20** pISSN 2320-1770 | eISSN 2320-1789 (Citations: 2)
6. **Nishant Ranjan Chauhan, Medha Kapoor, Laxmi Prabha Singh, Rajinder Kumar Gupta, Ramesh Chand Meena, Rajkumar Tulsawani, Sarita Nanda, Shashi Bala Singh (2017)** Heat Stress induced Neuroinflammation and Aberration in Monoamine levels in Hypothalamus are associated with Temperature Dysregulation; **Neuroscience**, 2017, 358, 79-92. (Impact Factor: 3.277) (Citations: 61)
7. **Malini Sharma, sarita nanda, Ritu Khanna, Pooja Khanna, Sumeet Goyal (2017)** Quantification of carbon footprint and handprint in the college campus: a peek into the future. **International Journal of Innovative research in science, engineering and technology**, Vol 6, Issue 4, April
8. **Nishant Ranjan , Medha Kapoor, Laxmi Prabha Singh T.P Baburaj, Shashi Bala Singh and Sarita Nanda (2016)** An Insight into the Histological Changes in Rodent Brain in Response to graded Hyperthermia **International Journal of Biotechnology and Biomedical Science.**2(1);34-39: eISSN 2454-4582
9. **Medha Kapoor, Nishant Ranjan Chauhan, B.N. Mishra, R.K. Khandal, Sarita Nanda, Shashi Bala Singh(2015)**

Structural Alterations in Spleen and Kidney in Response to Graded Heat Stress(2015) **International Journal of Pharmacology Research**. Vol 5( 3);eISSN 2249-7641

10. **Kapoor M, Chauhan NR, Mishra BN, Khandal RK, Nanda S, Singh SB (2015)** Graded Hyperthermia and Kidney Function: A Comprehensive Evaluation (2015) **International Journal of Phytopharmacology**:Vol6(3); 152-155; eISSN 0975-9328
11. **K. Jain, J. Sharma, M. Bhardawaj, P. Sharma, G. Madhyani, S. Rohtagi, D. Verma, Aarushi, Akanksha, Roopashi, H. Kaur, Shama, I. Jahan Vanshika, P. Loomba, Aarunita, Isha, P. Jain<sup>2</sup>, N. R. Chauhan, L. Prabha, M. Kapoor, A. Goel, J. Taneja, A. Jain, T. P. Baburaj, S. Bala Singh, S. Nanda (2015)** Biochemical Effects of Heat Stress and Acclimation, DU Journal of Undergraduate Research and Innovation **DU Journal of Undergraduate Research and Innovation**;Vol1(3);49-56;ISSN 2395-2334
12. **Singh L B, Chauhan NR, Mishra BN, Khandal RK, Nanda S, Singh SB (2015)** Biochemical evaluation of Hepatic Damage in Mammalian acute heat stress and heat stroke models **International Journal of Pharmacy and Therapeutics**. Vol6(3); 133-136; ISSN 2229-7456
13. **Singh LP, Chauhan NR, Mishra BN, Khandal RK, Nanda S Singh SB(2015)** Histological changes in mammalian liver and heart in response to graded hyperthermia print-ISSN 2248 – 9134 **International Journal of Current Pharmaceutical & Clinical Research** Vol 5,(3) pp. 184-88. e-ISSN 2248 – 9142e-ISSN 2248 – 9142 (Citations: 5)
14. **Anju Jain, Laxmi Prabha Singh, Medha Kapoor, Nishant Ranjan chauhan and S. Nanda (2015)**The biology of Thermoregulation in the animal kingdom **J of Agroecology and Natural Resource management**. Vol 2(3);226-229; ISSN 2394-0794
15. **Dr Anju Jain, S. Nanda and Shashi Bala Singh(2014)** Biospectrum of Heat Adaptations **J of Agroecology and Natural Resource management**. Vol 1(2);51-55;ISSN 2394-0794
16. **Sarita Nanda, K. Muralidhar & S. K. Kar (2002)**Thermostable alpha amylaseconjugated antibodies as probes for immunodetection in ELISA(2002) **J of Immunoassay and Immunochemistry**. Vol 23, (3);327-345;ISSN 1532-4230 (Citations:3)
17. **Sarita Nanda et al (1996)** Development and Application of a Homologous Elisa for Buffalo Prolactin (1996) **Buffalo Journal**. Vol 3; 305-312; ISSN 0857-1557 (Citations: 5)

#### **Book Publications:**

1. **Sophayo Mahongnao, Pooja Sharma and Sarita Nanda (2022)**. Conversion of waste materials into different by-products of economic value. Waste Management and Resource Recycling in the Developing World. **Chapter 29, pg 665-695, Publisher Elsevier, 978-0-323-90463-6.**
2. **Pooja Sharma, Sophayo Mahongnao, Sarita Nanda (2022)** Microbial Degradation of Microplastics in Plastic and Microplastic in the Environment ed Arif Ahamad, Pardeep Singh, Dhanesh Tiwari **Chap 12: pg 222-244: Publisher Wiley, 978-1-119-80078-1: <https://doi.org/10.1002/9781119800897>**
3. **Jyoti Taneja, Taruna Arora, Anju Jain, Chandra Manshukhani, Latika Bhalla, Sarita Nanda (2021)**Study of Polycystic Ovary Syndrome (2021) in **Highlights on Medicine and Medical Science Vol. 13 ed Dr. Glueppe Murdaca by B P international, PP 115-122**

#### **E Modules :**

1. **Anju Jain, KP Mishra, Sarita Nanda (2018)** M01 Organisation and Classification of Neuron in E module: ePG Paathshala Zoology, P-06 Animal Physiology. <https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35>
2. **Sarita Nanda, Varsha Baweja, Anju Jain(2018)**M02 Neuronal Cytoskeleton in E module: ePG Paathshala Zoology, P-06 Animal Physiology, <https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35>
3. **Sarita Nanda, KP Mishra, Anju Jain (2018)** M 06 Synapse and Neuromuscular Junction in E module:e PG Paathshala Zoology, P-06 Animal Physiology<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35>
4. **Sarita Nanda,Shashi Bala Singh, Anju Jain (2018)** M07 Mechanism of neurotransmitter Release Junction in E module: ePG Paathshala Zoology, P-06 Animal Physiology<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35>

- 5 *Anju Jain, KP Mishra, Sarita Nanda, (2018)* M09 Sequential Development of Neurons from Stem Cells in E module: ePG Paathshala Zoology, P-06 Animal Physiology, <https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35>
- 6 *Anju Jain, Shashi Bala Singh, Sarita Nanda (2018)* M 13 Epilepsy, Parkinsons Disease, Alzheimers Disease. ePG Paathshala Zoology, P-06 Animal Physiology <https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35>
7. *Anju Jain, Sarita Nanda, Varsha Baweja (2018)* M 25 Endocrine Disruptors. ePG Paathshala Zoology, P-06 Animal Physiology, <https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35>

#### **Conference Organization / Presentation (in the last three years)**

**Presented a Paper in Conference organised by Environment and Social Development (ESDA) on 19th Jan, 2020**

#### **Research Projects (Major Grants/Research Collaboration)**

**PhD work ongoing since Jan 2020**

#### **Awards and Distinctions**

**Best Oral Presentation award given by ESDA on 19th Jan, 2020**

#### **Association with Professional Bodies**

**Life Member of Environment and Social Development (ESDA), Indraprastha Vigyan Bharti (Delhi), Indian Society for the study of reproduction and fertility since 2019**

#### **Other Activities**

**Running and Managing as the convener of the Recycling Unit (which is making leaf waste manure, kitchen waste manure, recycled paper and products) since 2015.**

