




## Faculty Detail Performance 2017-20



SARITA NANDA

Name	Dr. Sarita Nanda	
Designation	Associate Professor	
Department	Biochemistry	
Email	saritananda123@gmail.com	

### Educational Qualification

Degree	Institution	Year
Ph.D	AIIMS	1988
M.Sc	Nagpur University	1982
B.Sc	Nagpur University	1980
Higher Secondary(CBSE)	Kendriya Vidyalaya , Nagpur	1977

### Full Time Research Experience

Designation	Institute	Time period	Nature of Appointment
Research institute	AIIMS, Biotechnology Department	One Year (July 1998-Jun 1999)	DBT National Fellow

### Full time Teaching Experience

s.no	Designation	Institution	Time Period	Nature of Appointment
1	Senior Resident	Maulana Azad Medical College, Delhi	10 months (September 1987- August 1988)	Adhoc
2	Lecturer	Daulat Ram College, Delhi	4 years 11 months (Sept, 1988- Aug 1993)	permanent
3	Sr. Lecturer	Daulat Ram College, Delhi	4 years 11 months (Sept, 1993- July 1998)	permanent
4	Reader	Daulat Ram College, Delhi	6 years 5 months (July 1993- Dec 2015)	permanent
5	Associate Professor	Daulat Ram College, Delhi	13 yrs ( Jan, 2006- till date)	permanent
6	Professor	Daulat Ram College	3 yrs 9 months (18 <sup>th</sup> July, 2018)	Permanent
Total			32 years	

### Administrative Assignments

Name of Institute	Designation	Status	Time period	Experience
DRC	Vice Principal	Ongoing	6 <sup>th</sup> November, 2020	2 years
DRC	IQAC Coordinator	Ongoing	April 2020- April	2 Years

			2022	
DRC	Teacher in charge	Staff Council Nominee	1999, 2004, 2009, 2013, 2017, 2019, 2020	7 years
DRC	NAAC Coordinator	Staff Council Nominee	April 2015- March 2020	6 years
DRC	IQAC Coordinator	Staff Council Nominee	May 2015-2019	4 years
DRC	Ethics Committee Coordinator	Staff Council Nominee	Jan, 2018- till date	2 years
DRC	Admission Committee Convener	Staff Council Nominee	June 2019, Jun 2020	2 years
DRC	Recycling Unit convener	Staff Council Nominee	April 2014- till date	6 years
DRC	NIRF Coordinator	Staff Council Nominee	2019, 2020	2 years
DRC	India Today Ranking Convener	Staff Council Nominee	2019,2020	2 years
University	Departmental Research Committee Member	University Nominee	2019- till date	1 year
DRC	Liason Officer for Economically Weaker Section (EWS)	Principals Nominee	01/01/2020	Ongoing
DRC	Coordinator for AECC/SEC in Nov-Dec 2018 exam	Principals Nominee	06/11/2018	One semester

Areas of Interest:

Biochemistry, Physiology, Cell Biology, Bioinformatics, Nutritional Biochemistry, Digital Literacy, Environment, PCOS, Reproductive Health, Plant Biochemistry, Proteins

Subjects Taught

S.No	Course	Subject Taught	Semester	Year
1	B.Sc (Hons) Biochemistry	Plant Biochemistry Practicals	IV	2022
2	B.Sc (Hons) Biochemistry	Proteins Practicals	II	2022
3	B.Sc (Hons) Biochemistry	Bioinformatics Practicals	III	2021
4	B.Sc (Hons) Biochemistry	Cell Biology Practicals	I	2021

5	B.Sc (Hons)Biochemistry	Advanced Cell Biology	VI	2018,2019, 2020,
6	B.Sc (Hons)Biochemistry	Bioinformatics	IV	2019, 2020, 2021
7	B.Sc (Hons)Biochemistry	Nutritional Biochemistry	V	2018, 2019, 2020,2021
8	B.Sc (Hons)Biochemistry	Cell Biology	I	2017,2018, 2019,2020,2021
9	B.Sc (Hons)Biochemistry	Clinical Biochemistry	III	2017
10	B.Sc (Hons)Biochemistry	Physiology	IV	2018
11	B.Sc (Hons)Biochemistry	Infectious Disease	VI	2017,2018
12	B.Sc (Hons)Biochemistry	Hormones	III	2017

#### Research Guidance

Name of student	Gender	Degree for which guidance given	Date of Registration	Supervisor/ Cosupervisor	University	Title of Thesis	Date of submission of thesis	Date of Award of Degree
Nishant Ranjan	Male	Ph.D	13 <sup>th</sup> Sept, 2013	Co Supervisor	Barathiar University	Heat Stress Induced Ischemia & Neuroinflammation And Role Of Thermal Preconditioning To Improve Thermotolerance	08/02/2018	4 <sup>th</sup> Feb, 2019
Manisha Gupta	Female	M.Sc dissertation	1 <sup>st</sup> Jan, 2019	Supervisor	Manav Rachna Deemed University	Evaluation of air pollution tolerance index and an anticipated performance index of plant species growing around Najafgarh Drain in Vishwavidyalaya , Delhi	30 <sup>th</sup> June, 2019	July, 2019
Simran	Female	M.Sc Dissertation	1 <sup>st</sup> Jan, 2019	Supervisor	Manav Rachna Deemed University	Evaluation of air pollution tolerance index and anticipated performance index of plant species growing in DRC campus, Vishwavidyalaya, Delhi.	30 <sup>th</sup> June, 2019	July, 2019
Pooja Sharma	Female	Ph.D(JRF)	4 <sup>th</sup> Jan, 2020	Supervisor	Delhi University	Optimisation and characterization of food quality of vegetables grown on biofertilizers made from organic waste.	Ongoing	Ongoing
Sophayo Mohangan	Male	Ph.D (JRF)	3 <sup>rd</sup> Jan,202	Supervisor	Delhi University	Optimisation and characterisation of	Ongoing	Ongoing

o			0			bioresources formed from organic waste on campus		
Meghu Shah	Female	MSc Dissertation	March, 22	Supervisor	Amity University	Characterising the biocomposts	Ongoing	Ongoing

#### Research Projects ongoing 2017-21

S.No	Name of Research Project	Funding Agency	National/International	Duration	Amount Sanctioned	Amount Received
1	Investigating quality of plant products grown with Biofertilisers made from urban organic waste	DRC & Self	College Level	2020-23	Nil	Nil
2	Investigating Quality and Bioremediation capacity of Biofertilisers made from urban organic waste	DRC & Self	College Level	2020-23	Nil	Nil
3	Investigating the physical and chemical characteristics of Biofertilisers	DRC & Self	College Level	2022	Nil	Nil

#### Research projects Completed 2017-21

S.No	Name of Research Project	Funding Agency	National/International	Duration	Amount Sanctioned	Amount Received
1	Campus sustainability index	Cluster Innovation Center	University	3 years	7.25 lacs	7.25 lacs
2	Investigating prevalence of PCOS in undergraduate students	Cluster Innovation Center,	University	3 years	3.25 lacs	3.25 lacs

#### Publications:

##### Books

S.No	Details	Publisher	Date of publishing	Authored/Edited	ISBN No

#### Book Chapters/Articles

S.No	Details	Date of publishing	Authored/Edited	ISBN No
1	Microbial Degradation of Microplastics (2022) in Plastic and Microplastic in the Environment ed Arif Ahamad, Pardeep Singh, Dhanesh Tiwari Wiley Publishers	2022	Pooja Sharma, Sophayo and Sarita Nanda	978-1-119-80078-1
2	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	July 30, 2021	Jyoti Taneja, Taruna Arora, Anju Jain, Chandrika Mansukhani, Latika Bhalla and Sarita Nanda	978-93-91473-77-8 978-93-91473-78-5

#### E- Modules

S.No	Publisher	Date of publishing	Authored/Edited	Link
1	Anju Jain, KP Mishra, Sarita Nanda, (2018) M01 Organisation and Classification of Neuron in E module: ePG Paathshala Zoology, P-06 Animal Physiology	Jan 2018	Authored	<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35</a>
2	Sarita Nanda, Varsha Baweja, Anju Jain(2018)M02 Neuronal	Jan 2018	Authored	<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35</a>

	Cytoskeleton in E module: ePG Paathshala Zoology, P-06 Animal Physiology,			
3	Sarita Nanda, KP Mishra, Anju Jain (2018) M 06 Synapse and Neuromuscular Junction in E module: ePG Paathshala Zoology, P-06 Animal Physiology	Jan 2018	Authored	<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35</a>
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	Jan 2018	Authored	<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35</a>
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,	Jan 2018	Authored	<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35</a>
6	Anju Jain, Shashi Bala Singh, Sarita Nanda (2018) M 13 Epilepsy, Parkinsons Disease, Alzheimers Disease	Jan 2018	Authored	<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35</a>
7	Anju Jain, Sarita Nanda, Varsha Baweja (2018) Endocrine Disruptors	Jan 2018	Authored	<a href="https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35">https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=35</a>

Research Publications:

### International

S.No	Citation	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No	Citation	H index
1	<b>Nishant Ranjan Chauhan, Rahul Kumar, Avinash Gupta, Ramesh Chand Meena, Sarita Nanda, Kamla Prasad Mishra, Shashi Bala Singh(2021)</b> Heat stress induced oxidative damage and perturbation in BDNF/ERK1/2/CREB axis in hippocampus impairs spatial	1 <sup>st</sup> Jan, 2021	3.33	No	Yes	ISSN1660-4328	6	1

	memory. <b>Behavioral Brain Research. 396: 112895-112907. ISSN1660-4328</b>							
2	Manisha Gupta, Babbar, Simran, Goel Anita, Gupta Radhika, Dohare Neeraj And Nanda Sarita Pollution Controlling Ability Of Indigenous Plant Species Growing Around Drain In Delhi. Pollution Research(2019) <b>Vol 38, November Suppl Issue; Page No.(29-35 )</b> ISSN 0257-8050-Quarterly	16 <sup>th</sup> , November 2019	0.31	Yes	yes	0257-8050-Quarterly	0	1
3	Babbar Simran, Manisha Gupta, Neeraj Dohare, Anita Goel, Radhika Gupta And Sarita Nanda Pollution Controlling Ability Of Plant Species Growing On College Campus In Delhi, India <b>Pollution Research 2019Vol 38, November Suppl Issue; Page No.(23-29 )</b> ISSN 0257-8050-Quarterly	16thNovember, 2019	0.31	Yes	yes	0257-8050-Quarterly	0	1
4	Jyoti Taneja, Taruna Arora, Anju Jain, Chandra Manshukhani, Latika Bhalla and Sarita Nanda. Polycystic Ovary Syndrome Risk: Efficacy of Self Assessment Test Int. J	1 <sup>st</sup> July,2020	0	No	No	pISSN 2320-1770   eISSN 2320-1789	1	1

	Reprod Contracept Obstet & Gynecol(2020) Jul; 9(7): 2015-20 <b>pISSN 2320-1770  </b> <b>eISSN 2320-1789</b>							
5	<b>Nishant Ranjan Chauhan,</b> Medha Kapoor, Laxmi Prabha Singh, Rajinder Kumar Gupta, Ramesh Chand Meena, Rajkumar Tulsawani, <b>Sarita Nanda, Shashi Bala Singh;</b> Heat Stress induced Neuroinflammation and Aberration in Monoamine levels in Hypothalamus are associated with Temperature Dysregulation; Neuroscience, 2017, 358, 79-92. ( <b>Impact Factor: 3.277</b> )	2017	3.277	Yes	Yes	ISSN0306-4522	43	1
6	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	2017	0.544	No	No	eISSN2319-8753, pISSN p2347-6710	0	1



research in science, engineering and technology, Vol 6, Issue 4, April 2017(21 h index)							
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#### National

s.no	Details	Date of Publishing	Impact Factor	UGC Care List Journal Yes/No	Scopus Indexed Journal Yes/No	ISSN No

#### Conference Proceedings publication

S.no	Details	Date of Publishing	Name of conference	Venue of conference	ISBN No

#### Conference Attended and Paper presentation

s.no	Type of Event	Name of Event	Venue of conference	Date of conference	Attended	paper presented	No of papers presented
1	Faculty Development Programme	Basics of Research Statistics	Online( A2ZEduLearn ing HubLLP)	1-3 <sup>rd</sup> Oct, 2021	Yes	No	NA
2	Add on Course	Data Analytics with R	Online (DRC and Meghnad Desai Academy of Economics	30 hrs(July-Sept, 2021)	Yes	No	NA
3	Workshop(online)	Workshop on Metagenomics approach for Microbiome Data Analysis	The University of Transdisciplinary Health Sciences and Technology, Bengaluru	9 <sup>th</sup> -11 <sup>th</sup> Jun,2021	Yes	No	NA
4	Workshop (online)	Workshop on awareness of NIRF	Institute of Academic	18-19 <sup>th</sup> Jan, 2021	Yes	No	NA

		rankings 2021	Excellence with Collegiate education and Technical education Dept, Govt of Telangana				
5	FDP(online)	FDP on Empowering Teaching Learning process using Google Classroom	Department of Commerce, Daulat ram Colleg	21-23 July,2020	Yes	No	NA
6	Workshop (Online)	Workshop on Scientific Writing and communication	Department of Biochemistry, Shaheed Rajguru College of Applied Sciences for Women	22 -23, Sept, 2020	Yes	No	NA
7	Webinar International (online)	International webinar on The Malleable Brain	Department of Biochemistry, Shivaji College, University of Delhi	10 Oct, 2020	Yes	No	NA
8	Webinar International	International Webinar on Non Invasive Cancer Diagnosis and Prognosis	Department of Biochemistry, Deshbandhu College	17 Oct, 2020	Yes	No	NA
9	Webinar National	National Webinar on Urban Environment and urban Ecosystems: From individual to Ecological	Department of Environment, Vivekanand College, Delhi University, Delhi	30 Sept, 2020	Yes	No	NA
10	National Conference	Conference on Environment , Human Health and Sustainable Goals	Google meet	5/06/2020 2-6/06/2020	Yes	Yes	1

11	National Webinar	Webinar on Art and Science of mentoring	Google meet	1 Jun, 2020	Yes	No	0
12	National Webinar	Webinar on Assessment and Accreditation of colleges	Google Meet	21/5/2020 to 23/05/2020	Yes	No	0
13	National Webinar	NAAC Assessment and Accreditation	Google meet	21/04/2020-25/04/2020	Yes	No	0
14	International Conference	Frontiers in Biochemistry and Biotechnology: Strategies to combat human diseases	Shivaji College	12/02/2020-13/02/2020	Yes	Yes	2
15	National Conference	Income Inequality, protectionism and International trade in Digital Age	Daulat Ram College	21/01/2020	Yes	No	0
16	International Conference	World Environment Summit 2020	VP Chest Institute	18/02/2020-19/02/2020	Yes	Yes	1
17	State level Workshop	Awareness on River Yamuna	Delhi Secretariat	06/11/2019	yes	No	0
18	National Seminar	Quality in Higher Education: Priorities and Challenges	Sri Venkateswara College	18/09/2019-19/09/2019	yes	yes	1
19	Workshop	Foldscope: an educational tool	IGNOU	23/08/2019	yes	No	0
20	National Workshop	Circular Economy of Plastic Waste and Livelihood Opportunities	DRC	13/08/2019	Yes	yes	1
21	National Workshop	Research Based Pedagogical Tools for Science Teachers	DRC	25/03/2019-27/03/2019	Yes	No	0
22	Faculty Development Programme	Office documentation for NAAC and Effective Communication	SGND Khalsa College	4/01/2019-6/01/2019	Yes	No	0

23	National Conference	Changes in lifestyle influencing adolescent health and ISSRF	S.S.Jain Subodh College and ISSRF	28/9/2019-29/09/2019	Yes	No	1
24	STEM Teacher Training Workshop	Research based Pedagogical Tools	IISER Pune	28/09/2018-1 <sup>st</sup> /10/2018	Yes	No	0
25	Training Programme	Integrated Waste Management	Centre for Science and Environment	3- 8 August, 2018	Yes	No	0
26	Seminar	Noise and health-How Sound- Panel Discussion	India Habitat Centre	4 <sup>th</sup> Jan, 2017	Yes	No	0

**Resource Person (Conference/seminar/ workshop/training programme/ educational trips)**

S.No	Type of Event	Name of Event	Venue	Date of Event	State your role: Convener/Member organizing committee/ Speaker/ Coordinator	Duration of Activity	No of participant in the programme
1	Educational Trip	Educational trip to Rishikesh	Rishikesh	9 <sup>th</sup> April-11 <sup>th</sup> April, 2022	Coordinator	36 hrs	16
2	Capacity Building Program	Health, Well Being and productivity	Online	13 <sup>th</sup> -20 <sup>th</sup> Dec, 2021	Speaker	1 hr	33
3	SDP	SDP on Digital Literacy	Google Meet	17 <sup>th</sup> -19 <sup>th</sup> Aug,2020	Convener	6hrs	75
4	Webinar	Celebrating Biodiversity"	Google meet	4 <sup>th</sup> , Jun, 2020	Convener	2 Hrs	125
5	International Conference	Women Empowerment (Nareevad-2019)	JNU	9/11/2019	Keynote Address	30 mins	75
6	Workshop	Skill Enhancement Workshop for Non teaching	DRC	July2019	Convener	20 hrs	32

		staff					
7	Workshop	Skill Enhancement Workshop for Non teaching staff	DRC	July, 2019	Speaker	1hr	32
8	Workshop Value Engagement Programme , DRC	Utilising Natural Resources productively to enhance well being	DRC	7 <sup>th</sup> August-1 <sup>st</sup> Oct , 2019	speaker	1.5 hrs	50
9	National Symposium and workshop	Yoga and Meditation for Holistic Well Being	DRC	7/03/2019	Coordinator	One day	75
10	Symposium	Environment and Sustainable Development	DRC	14/02/2019	Presented paper	10 mins	100
11	Workshop	Recycling Unit	DRC	2018-19-20	Practical training session	10 hrs	200
12	Workshop	Inspire Science Camp	DRC	17/012/2018-21/12/2018	Practical Training session	40 hrs	100
13	International Conference	Public Health Care	DRC	13/12/2018	Key Note Address	40 mins	50
14	International Conference	Public Health Care	JNU	13/10/2018	Chairing Technical Session	8 hrs	50
15	Faculty Development Programme	Biochemical techniques	DRC	10/06/2018-16/07/2018	Convener	40 hrs	3
16	Educational Trip	To Rathambore	DRC	1/03/2020-4/03/2020	Organiser	4days	50
17	National symposium and awareness program on	Lifestyle and Reproductive health challenges	DRC and Zoology Dept, Delhi University	One day,29 <sup>th</sup> March,2017	Coordinator	1 Day	75

#### Awards Won 2017-21

S.No	Name of Award	Awarding Agency	Government/ NGO/ International/Private	Recognition area	Date of award	Type of Honor
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						received
1	Best Oral Presentation	Environment and Social Development 2020	NGO	Research presentation	19/02/2020	Momento and Certificate
2	IIInd Prize in Oral Presentation	National Conference on Changes in lifestyle influencing adolescent health and ISSRF	NGO	Research Presentation	29/09/2019	Momento and certificate
3	Green Earth Award	Pandit Deen Dayal Upadhyay Smriti Manch, Jivitesh Foundation and Ministry of Environment Forest and Climate Change.	NGO	Contribution to environment upkeep	03/06/2019	Momento
4	Excellence Award 2019	Ministry of HRD and Pandit Deen Dayal Upadhaya smriti manch	NGO	Contribution to environment upkeep	25/09/2019	Momento

#### Extension Activity( Community related program ) 2017-21

S.No	Type of Activity	Centre and Venue	Title of Event	Role in the event	Date/period of Event	No of members of the community/students /Faculty benefitted
1	Terrace Gardening Workshop I	Recycling Unit, DRC	Terrace Gardening and waste management	Convener	6/07/2019	17
2	Terrace Gardening Workshop II	Recycling Unit, DRC	Terrace Gardening and waste management	Convener	03/08/2019	5
3	Terrace Gardening Workshop III	Recycling Unit, DRC	Terrace Gardening and waste management	Convener	07/09/2019	4
4	Terrace	Recycling	Terrace	Convener	07/12/2019	10

	Gardening Workshop IV	Unit, DRC	Gardening and waste management			
5	Terrace Gardening Workshop V	Recycling Unit, DRC	Terrace Gardening and waste management	Convener	04/12/2020	7
6	Terrace Gardening Workshop VI	Recycling Unit, DRC	Terrace Gardening and waste management	Convener	01/02/2019	5
7	Terrace Gardening Workshop VII	Recycling Unit, DRC	Terrace Gardening and waste management	Convener	07/03/2019	8
	7 workshops					55

Membership of Professional Bodies:

Sarita Nanda

	Type of Membership	Organisation	Year of Membership
<b>1</b>	<b>Life Member</b>	<b>Environment and Social Development Association (ESDA)</b>	<b>November 2019</b>
<b>2</b>	<b>Life Member</b>	<b>Indraprastha Vigyan Bharti (Delhi Chapter of Vijnana Bharati )</b>	<b>June 2019</b>
<b>3</b>	<b>Life Member</b>	<b>Indian Society for the Study of reproduction and fertility</b>	<b>September 2019</b>
<b>4</b>	<b>Life Member</b>	<b>DUWA</b>	<b>October 2019</b>