

**DR. SAURABH KUMAR JHA, Ph.D. Assistant Professor, Department of Zoology, Kalindi College,  
University of Delhi**

**Corresponding address:** Assistant Professor, Department of Zoology, Kalindi College, University of Delhi, 110008,



**Objective:**

- I am a confident, enthusiastic and hardworking professional with great skills in **Teaching and Research**. Keen to meet both the performance **for Organizations** and satisfaction goals **for Quality of work life**. I shall be happy to understand and transmit the culture to others in the organizations.
- I am also able to successfully meet scientific challenges and execute diverse scientific projects both individually and with team members in timeline driven manner towards the achievement of organization goals.

**EDUCATION/TRAINING (*Begin with Master Education and include all higher education*)**

INSTITUTION AND LOCATION	POSITION	YEAR(s)	FIELD OF STUDY
Delhi Technological University (Formerly DCE), Delhi-110042,	Ph.D. Biotechnology	2013-2017	Biotechnology
VIT University Vellore, Tamil Nadu, (India)	M.Sc. Biotechnology	2011 -2013	Biotechnology

**Honors**

2017	PhD Thesis Title	<b>"Signalling Mechanism and Therapeutics action of Biomolecules in Neurodegenerative disorder"</b> , Molecular Neuroscience and Functional Genomics Laboratory, Department of Biotechnology, Delhi Technological University (Formerly Delhi College of Engineering), India.
2015-2017	DTU-SRF (MHRD)	Department of Biotechnology, Delhi Technological University (Formerly Delhi College of Engineering), India
2013-2015	DTU-JRF (MHRD)	Department of Biotechnology, Delhi Technological University (Formerly Delhi College of Engineering), India

**Professional Experience**

<b>28<sup>th</sup> Dec 2023 to Present</b>	<b>Assistant Professor;</b> Department of Zoology, Kalindi College, University of Delhi. 110008
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<b>12<sup>th</sup> Sept, 2018 to 27<sup>th</sup> Dec 2023</b>	<b>Assistant Professor;</b> Department of Biotechnology, School of Engineering and Technology, Sharda University, Greater Noida, UP.
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**Administrative Responsibilities**

S. No.	Role/ Responsibility	Nature Of Work
1.	Board of Studies Coordinator at Department Level (2018 till present)	Curriculum designing, curriculum modification, course structure designing, conducting BOS, feedback analysis from stakeholders, CO designing and mapping; Preparation of teaching scheme
2.	NBA Criteria 04 mentor School Level (2022 till date)	Mentoring departmental coordinators for NBA criteria 04; managing and proof reading data
3.	NBA Criteria 04 coordinator at Departmental Level (2020 till date)	Compilation of NBA criteria 04 SAR and supporting documents
4.	NIRF Coordinator	Compiling NIRF data for University Ranking
5.	Lab Coordinator at Departmental Level (2021 till date)	Taking care of all the departmental labs, stock registers, lab records, lab maintenance, and other documentation
6.	Departmental Purchase Coordinator (2022 till date)	Coordinating purchase of lab consumables and equipments
7.	Departmental Event Coordinator (2022 till date)	Planning, organizing and managing departmental events like conferences, symposia, guest lectures and student activities
8.	NBA Coordinator at Departmental Level (1 year; 2019-2020)	Leading overall Departmental NBA preparation
9.	NBA Criteria 1 coordinator for Department (2020)	Preparation of criteria 1 SAR; and compilation of supporting documents
10.	NAAC Criteria 5 coordinator for Department (2019 till present)	Preparation of criteria 1 SAR; and compilation of supporting documents
11.	Training and Placement at Department Level (2019- till date)	Leading overall Departmental Training and Placement of for B. Sc./ M. Sc./B. Tech. M.Tech
12.	Programme Coordinator for M.Sc. and B. Sc. programmes (2019-2020)	Looking after all the aspects including BOS, OBE documentation, Desining of PO and COs, preparation of teaching scheme, curriculum design and modification etc.
13.	Class Coordinator and Mentor for B. Sc./ M. Sc./B. Tech. batches (2018 till present)	Overlooking all aspects of students; resolving of student issues, guiding and mentoring students

### Teaching Responsibilities

Teaching	B. Tech. Biotechnology, M.Tech. Biotechnology, M. Tech. Food Process Techmology, M.Sc. Biotechnology, B.Sc. Biotechnology
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### Research Guidance

PhD Guidance	Thesis Submitted: 2, Ongoing: 02
	Under guidance: 4
Dissertation	M. Tech., M. Sc., and B. Tech. Students

### REVIEWING AND EDITORIAL ASSIGNMENTS

Molecular Cancer, Scientific Reports (Nature Publication house); Ageing Research Reviews, Biomaterial Acta, Pharmacology & Therapeutics, Journal of Nutritional, Biochemistry; BBA-Molecular Basis of disease; Brain Research; Life Sciences; Behaviour BrainResearch; Environmental Research; Neurochemistry International; Brain,

## B. PEER-REVIEWED PUBLICATIONS

Cumulative impact factor of all publications = **h-index: 30; i10-index: 110;**  
Cumulative citation index = **5200**

## Top Ten Correspondence Publications (Department of Biotechnology, Sharda University, India), 2013-2024

1. Qi X, Jha **SK**, Jha NK, Dewanjee S, Dey A, Deka R, Pritam P, Ramgopal K, Liu W, Hou K. Antioxidants in brain tumors: current therapeutic significance and future prospects. *Molecular Cancer*. 2022 Dec;21(1):1-32. **(IF-42)**
2. Huang Z, Dewanjee S, Chakraborty P, Jha NK, Dey A, Gangopadhyay M, Chen XY, Wang J, **Jha SK**. CAR T cells: Engineered immune cells to treat brain cancers and beyond. *Molecular Cancer*. 2023 Dec;22(1):1-27. **(IF-42)**
3. Ye F, Dewanjee S, Li Y, Jha NK, Chen ZS, Kumar A, Behl T, **Jha SK**, Tang H. Advancements in clinical aspects of targeted therapy and immunotherapy in breast cancer. *Molecular cancer*. 2023 Dec;22(1):1-40. **(IF-42)**
4. Chakraborty P, Das SS, Dey A, Chakraborty A, Bhattacharyya C, Kandimalla R, Mukherjee B, Gopalakrishnan AV, Singh SK, Kant S, **Jha SK**, Nand P. Quantum dots: The cutting-edge nanotheranostics in brain cancer management. *Journal of Controlled Release*. 2022 Oct 1;350:698-715. **(IF-14)**
5. Chakraborty P, Dey A, Gopalakrishnan AV, Swati K, Ojha S, Prakash A, Kumar D, Ambasta RK, Jha NK, Dewanjee S, **Jha SK**. Glutamatergic neurotransmission: A potential pharmacotherapeutic target for the treatment of cognitive disorders. *Ageing Research Reviews*. 2023 Jan 5:101838. **(IF-14)**
6. Buch P, Sharma T, Airao V, Vaishnav D, Mani S, Rachamalla M, Gupta AK, Upadhye V, **Jha SK**, Jha NK, Parmar S. Geraniol protects hippocampal CA1 neurons and improves functional outcomes in global model of stroke in rats. *Chemical Biology & Drug Design*. 2023 Apr 28. **(IF-04)**
7. Bhatt R, Vaishnav D, Airao V, Sharma T, Rachamalla M, Mani S, Gupta AK, Upadhye V, **Jha SK**, Jha NK, Parmar S. Neuroprotective potential of saroglitazar in 6-OHDA induced Parkinson's disease in rats. *Chemical Biology & Drug Design*. 2023 Jul 30. **(IF-04)**
8. Pandey NK, Singh SK, Kumar B, Gulati M, Vishwas S, Khursheed R, Dureja H, Chellappan DK, Jha NK, Sharma A, **Jha SK**. Expanding arsenal against diabetes mellitus through nanoformulations loaded with glimepiride and simvastatin: A comparative study. *Environmental Science and Pollution Research*. 2022 Jul;29(34):51976-88. **(IF-05)**
9. Yadav P, El-Kafrawy SA, El-Day MM, Alghafari WT, Faizo AA, **Jha SK**, Dwivedi VD, Azhar EI. Discovery of small molecules from Echinacea angustifolia targeting RNA-dependent RNA polymerase of Japanese Encephalitis virus. *Life*. 2022 Jun 24;12(7):952. **(IF-04)**
10. Kumar S, Paul P, Yadav P, Kaul R, Maitra SS, **Jha SK**, Chauri A. A multi-targeted approach to identify potential flavonoids against three targets in the SARS-CoV-2 life cycle. *Computers in biology and medicine*. 2022 Mar 1;142:105231. **(IF-07)**

## BOOK CHAPTER

1. **Saurabh Kumar Jha**, Rahul Yadav, Kumari Swati, Niraj Kumar Jha, Ankur Sharma, Fahad Khan, Neeraj Kumar, Parma Nand, Prabhjot Kaur, Tanaya Gover, and Geetika Rawat **(2020)** Alterations in metabolite-derived gene regulation in cancer metabolism. *In book: Cancer Cell Metabolism: A Potential Target for Cancer Therapy, Publisher: Springer Nature.*
2. Niraj Kumar Jha, **Saurabh Kumar Jha**, Ankur Sharma, Rahul Yadav, Pratibha Pandey, Kavindra Kumar Kesari, Neeraj Kumar, Parma Nand, Mansi Agrahari, and Nancy Sanjay Gupta **(2020)** Clinical relevance of "Biomarkers" in cancer metabolism. *In book: Cancer Cell Metabolism: A Potential Target for Cancer Therapy, Publisher: Springer Nature.*
3. Niraj Kumar Jha, **Saurabh Kumar Jha**, Satyaprakash, Rohan Kar, Deepak Rathore, Rashmi K Ambasta and Pravir Kumar (2015) Epigenetics and angiogenesis in cancer, Epigenetic Advancements in Cancer, Edited by Manoj Mishra, Kumar Bishnupuri, 12/**2015**: BOOK CHAPTER; **Springer International publishing AG.**

## CONFERENCE, PROCEEDINGS AND SYMPOSIUM

1. **Saurabh Kumar Jha** (2019), **Invited Speaker**, "Research methodology and Clinical Trials and their application in Stem Cell and Regenerative Medicine", **5th International Regenerative Medicine Conclave, 2019**, StemGenn Therapeutics International Conference held during 23rd to 24th November, Holiday Inn Aerocity, Delhi.
2. Ankita Singh and **Saurabh Kumar Jha**, (2019), In *silico* study of Parkin and their therapeutic approaches in Neurodegenerative disorder, BioTrendz: Technological Advancement & Challenges in the field of Biotechnology, 23-24 April, Noida Institute Of Engineering & Technology, Greater Noida, India.
3. Shalu Mishra, Neetesh Chauhan and **Saurabh Kumar Jha** (2019), Amyotrophic Lateral Sclerosis? BioTrendz: Technological Advancement & Challenges in the field of Biotechnology, 23-24 April, Noida Institute of Engineering & Technology, Greater Noida, India.
4. **Saurabh Kumar Jha** (2018), **FDP**\_ Recent trends in material science and engineering, TEQIP-III sponsored one week Faculty development Programme (FDP) organized by Department of Applied Physics, Delhi Technological University (DTU) from September 17th – September 21<sup>st</sup>, 2018
5. **Saurabh Kumar Jha** and Pravir Kumar\*, (2015), *Comparative analysis of biomolecules in Parkinson's disease therapeutics*, 29th Annual Conference of Society for Neurochemistry India and Advancement in computation Neurochemistry and Neurobiology (SNCI-ACNN), December 19-21, 2015, NEHU Shillong [**Oral presentation**], **INDIA**
6. Alka Raina, **Saurabh Kumar Jha**, Niraj Kumar Jha, Dhiraj kumar, Rashmi K Ambasta and Pravir Kumar\*(2015), *Putative transcription factor binding elements of ubiquitin E3 ligase in neurodegenerative disorders*, 29th Annual Conference of Society for Neurochemistry India and Advancement in computation Neurochemistry and Neurobiology (SNCI-ACNN), December 19-21, 2015, NEHU Shillong [Poster presentation], **INDIA**
7. Abhisekh Srivastava, Puspendramani Mishra, Dhiraj kumar, **Saurabh Kumar Jha**, Niraj Kumar Jha, Rashmi K Ambasta and Pravir Kumar\* (2015), *Relevance of terpenoids and alkaloids in neuroprotection*, 29th Annual Conference of Society for Neurochemistry India and Advancement in computation Neurochemistry and Neurobiology (SNCI-ACNN), December 19-21, 2015, NEHU Shillong [Poster presentation], **INDIA**
8. Swati Sharan, Niraj Kumar Jha, **Saurabh Kumar Jha**, Dhiraj kumar, Rashmi K Ambasta and Pravir Kumar\*(2015), *Post-translational modification mechanism in Parkinson's disease pathology*, 29th Annual Conference of Society for Neurochemistry India and Advancement in computation Neurochemistry and Neurobiology (SNCI-ACNN), December 19-21, 2015, NEHU Shillong [Poster presentation], **INDIA**
9. Minal Singh, Niraj Kumar Jha, **Saurabh Kumar Jha**, Dhiraj kumar, Rashmi K Ambasta and Pravir Kumar\* (2015), *In silico characterization of holo A $\beta$ PP promoter and its transactivation modules* 29th Annual Conference of Society for Neurochemistry India and Advancement in computation Neurochemistry and Neurobiology (SNCI-ACNN), December 19-21, 2015, NEHU Shillong [Poster presentation], **INDIA**
10. Abhishek Srivastava, Puspendra M Mishra, **Saurabh Kumar Jha**, Niraj Kumar Jha, Rashmi K Ambasta and Pravir Kumar (2015), *In silico analysis cannaboids in neurodegeneration*, 6th World congress on biotechnology, New Delhi, October 5th-7th, *J Biotechnol Biomater* 2015, 5:6, **INDIA**
11. **Saurabh Kumar Jha**, Niraj Kumar Jha, SatyaPrakash, M. Sonia Angeline, Rashmi K. Ambasta and Pravir Kumar (2014), In silico study of flavonones in neurodegenerative disorders, International Symposium on Translational Neuroscience and XXXII Annual Conference of the Indian Academy of Neurosciences, 01-03 November, NIMHANS Bangalore, INDIA, **INDIA**
12. Niraj Kumar Jha, **Saurabh Kumar Jha**, Satya Prakash, M. Sonia Angeline, Rashmi K. Ambasta and Pravir Kumar (2014), *Physiological stress in neurodegeneration: Interatomic partners based on In silico study*, International Symposium on Translational Neuroscience and XXXII Annual Conference of the Indian Academy of Neurosciences, 01-03 November, NIMHANS Bangalore, **INDIA**
13. Dhiraj Kumar, Niraj Kumar Jha, **Saurabh Kumar Jha**, Renu Sharma, Kushi Anand, Rashmi K. Ambasta and Pravir Kumar (2014), *Anti cancerous drugs as a neuroprotectant: a therapeutic intervention in neurodegenerative disorders*, International Symposium on Translational Neuroscience and XXXII Annual Conference of the Indian Academy of Neurosciences, 01-03 November, NIMHANS Bangalore, **INDIA**
14. **Saurabh Kumar Jha**, Niraj Kumar Jha, Rashmi K. Ambasta and Pravir Kumar (2013), *Structurally and functionally analyzed new generation anti-aging neuroprotective drugs*, NCRTPSB 2013, JMI 16-18 December, INDIA Journal of Protein and Proteomics, Vol.4, No.2 p62, **INDIA**
15. **Saurabh Kumar Jha**, Niraj Kumar Jha, Deepak Rathore, Rashmi K. Ambasta and Pravir kumar (2013), *Traditional FDA approved anti-cancerous drugs versus new anti-cancerous drugs: A computational approach*, 09-11 December, Bioworld Conference, IIT Delhi, **INDIA**
16. Niraj Kumar Jha, **Saurabh Kumar Jha**, Rashmi K. Ambasta and Pravir kumar (2013) *Computer assisted protein analysis in hypoxia signaling*, NCRTPSB 2013, JMI 16-18 December, INDIA Journal of Protein and Proteomics, Vol.4, No.2 p37, **INDIA**
17. Niraj Kumar Jha, Lakshmi, Binod Koirala, **Saurabh Kumar Jha**, Renu Sharma, Rohan Kar, Dhiraj, Jitendra Singh,

Rashmi K. Ambasta and Pravir kumar; (2013), *Identification and validation of key Ubiquitin E3 ligases in type II diabetes: An in silico work*; 09-11 December, Bioworld Conference, IIT Delhi, Delhi, **INDIA**

18. P. Asthana, A.Sarkar, S. Angeline, Kushi Anand, N. Jaiswal, **S.K. Jha**, N.K. Jha, Priya Chaterjee R. K. Ambasta, Pravir Kumar\* (2012), "Protective effect of naringenin on hypoxia induced muscles degeneration". 2012-S-7580-SfN (*Poster presentation* in the annual meeting of *Society of Neuroscience*, Oct 17, 2012, New Orleans, Poster, **USA**).

### **C. WORKSHOP AND SEMINARS ATTENDED**

1. **Saurabh Kumar Jha** (2019), Pandit Deen Dayal Upadhyay Manch, in association with Manyavar Kanshiram Govt. Degree College, Ghaziabad organized a one day National Seminar on Plastic Waste Free India on January 29, 2019.
2. **Saurabh Kumar Jha** (2018), National Conference on advances in biotechnology: An interdisciplinary approach, Department of Biotechnology, Sharda University, Noida, India
3. **Saurabh Kumar Jha** (2018), Expert lecture Career Uplift: Stem Cell & Regenerative Medicine; in the area of Biotechnology on 26<sup>th</sup> November 2019, Sharda University, Noida, India
4. **Saurabh Kumar Jha** (2015), Work shop on advancement in computation Neurochemistry and Neurobiology (SNCI ACNN), December 16-18, 2015, NEHU Shillong, **INDIA**
5. Participated in conference on "**Brain and Brain Sciences: Hot Spot Area in Translational Research**" Society for Neurochemistry, India (**SNCI**) VIT University chapter meeting 13th April, 2012, **INDIA**
6. Participated in the special course on "**Plant Transgenic Technology**" jointly organized by the institute of plant genetics, Gottfried Wilhelm Leibniz University, Hannover, Germany and Indo-German Centre for Excellence in Biosciences(IGCEB) in SBST, VIT University 29th January, 2012, **INDIA**
7. 5th International Conference on Science, Engineering and Technology (**SET**), VIT UNIVERSITY, 8th November, 2012, **INDIA**
8. 4th International Conference on Science, Engineering and Technology (**SET**), VIT UNIVERSITY, 3th May, 2012, **INDIA**
9. 3rd International Conference on Science, Engineering and Technology (**SET**), VIT UNIVERSITY, 17th November, 2011, **INDIA**

### **D. AWARDS & ACHIEVEMENTS**

1. **Fellow of Stem cell & Regenerative Medicine (FSRM). 2021**, International Association of Stem Cell & Regenerative & Aesthetic Medicine.
2. **Certificate of recognition**-Shortlisted as one of **Top 50 Expert Faculties in the field of Bio-Technology Across India for the year 2020 by Ulektz**
3. **Bentham Ambassador\_2021**
4. **Patent Granted\_03**
5. **Best Faculty Award (Male) at 2<sup>nd</sup> International Academic and Research Excellence Awards (IARE) 2020**
6. "**Best Stem Cell Researcher Award 2019**" by **Prof. (Dr). Michele Zocchi**, University of Turin, Italy.
7. **Commendable Research Excellence Award DTU 2018**, Two Best First Author Papers With High Impact Factor
8. **Delhi Technological University (DTU)**, PhD written Examination and Interview in Biotechnology Engineering. 2013, (DTU-JRF/SRF), Aug-2013-Nov-2017, (**Rank-GENERAL -01**)
9. **Madurai Kamaraj University** written test for "**Integrated M.Sc- Ph.D**" in Genomics, 2012, (**Rank-GENERAL-23**)
10. **BHU M.sc Plant Biotechnology**, 2011, (**Rank-GENERAL-54**)
11. **South Asian University (SAU)** combined entrance examination 2011 for M.Sc Biotechnology (**Rank- GENERAL-63**)
12. **Pondicherry Central University (PCU)** written test for "**Biochemistry and Molecular Biology**" in Biological Sciences, 2011 (**Rank-GENERAL-45**)
13. **Pondicherry Central University (PCU)** written test for "**Ecology and Environmental Sciences**" in Biological Sciences, 2011 (**Rank-GENERAL-22**)

### **E. PROFESSIONAL MEMBERSHIPS**

Society of Neurochemistry India (SNCI), (India)-Life member

### **H. SALIENT FEATURES OF SAURABH KUMAR JHA CV**

Designed and introduced the Two New Courses at Level of B.Tech/M.Sc./PGD in "**Stem Cell Technology and**

**Regenerative Medicine” & “Genetic Engineering”** in Sharda University.

**I. STRENGTHS**

Confidence, Team work spirit, Extrovert personality

**J. PERSONAL DETAILS**

Languages Known: To Speak: English, Hindi & Maithili  
to write: English, Hindi & Maithili

**K. DECLARATION**

I hereby declare that all the particulars above are true to the best of my knowledge and understanding.