




CURRICULAM-VITAE



Title	Mr	First Name	Prashant	Last Name	Pradhan	Photograph
Designation	Assistant Professor					
Address	Department of BMS, ANDC, Govindpuri, Kalka Ji, New Delhi-110019					
Phone No Office						
Residence						
Mobile	9899159801					
Email/ Web-Page	prashantpradhan@andc.du.ac.in					
Educational Qualifications						
Degree	Institution			Year		
Bsc (hons) Biomedical sciences	Bhaskaracharya college of applied sciences, University of Delhi			2012		
Msc Biotechnology	South Asian University			2014		
PhD (Submitted)	Indian Institute of Technology, Delhi			2020		
Career Profile						
Administrative Assignments						
Areas of Interest / Specialization						
Protein DNA interaction and their role in transcription regulation.						
Subjects Taught						
Principle of genetics and Human genetics						
Research Guidance						

Publications Profile
<ol style="list-style-type: none"> 1. Prion protein transcription is auto-regulated through dynamic interactions with G-quadruplex motifs in its own promoter. P.Pradhan et;al.Biochimica et Biophysica Acta (BBA) - Gene Regulatory Mechanisms, 2020, 194479. 2. DNA intercalators as amyloid assembly modulators: Mechanistic insights. Singh J, Srivastava A, Sharma P, Pradhan P, Kundu B*. RSC Advances. 7, 493-506, 201 3. Polyphenols in combination with β-cyclodextrin can inhibit and disaggregate a-synuclein amyloids under cell mimicking conditions: A promising therapeutic alternative. Gautam S, Karmakar S, Batra R, Sharma P, Pradhan P, Singh J, Kundu B*, Chowdhury PK. Biochim Biophys Acta. S1570-9639(17)30038-9. 2017.
Conference/ Presentations/Workshops
<ol style="list-style-type: none"> 1. Attended and presented poster at International conference on Advances in Neurodegenerative Disease Research and Therapy (Z3), Keystone, Colorado, USA, (2018). 2. Attended and delivered talk on at 4 th International Conference on Translational Research (2018), Goa, India. 3. Attended and delivered talk on at 1st Biozest conference, South Asian University, Chanakyapuri, New Delhi (2017).
Research Projects (Major Grants/Research Collaboration)
<p>Developed one step RT-PCR kit for COVID-19 diagnostic. Kit has been approved by ICMR and till date technology has been transferred to 5 companies for scaling up the production to 20 lakh reactions. A provisional patent for the kit has been filed in India and USA.</p>
Awards and Distinctions
<ol style="list-style-type: none"> 1. Awarded – CTEP travel award, Department of Biotechnology, Govt. of India, to attend the International conference on Advances in Neurodegenerative Disease Research and Therapy (Z3), Keystone, Colorado, USA, (2018). 2. Visiting scholar, Nano-biophysics lab, Institute of Physics, Academia Sinica, Taiwan(2018-2019) 3. Qualified GATE-2014 exam in the subject Life Sciences with All India Rank 115. 4. Qualified Joint CSIR-UGC test (Life Science) for eligibility for Lectureship (NET)- Jun' 13 : Rank- 26 5. Awarded academic excellence Medal for 2 nd rank during B.Sc. (1st year) in Biomedical sciences at Bhaskaracharya college of applied sciences, University of Delhi.
Association With Professional Bodies
Other Activities

- 1. Initiated and executed the restructuring of the existing Govt. middle school to first in region “SMART SCHOOL” at Bisesarpur Village, Mohammadabad Tehsil, Ghazipur District, (UP); using funds raised with different sources along with my PhD stipend amount.**
- 2. Started a public library containing 850+ books and variety of newspapers and monthly magazines with special emphasis on youth preparing for jobs at different levels. It is one of the first of its own kind in the Mohammadabad Tehsil of Ghazipur (UP), with decent success rates of selection in various government sectors.**