CURRICULAM VITAE

Sl. No.	Particulars	Details
1.	Name	Dr. Deepak Kumar
2.	Designation	Assistant Professor
3.	Department	Department of Biochemistry
4.	Educational Qualifications	Ph.D. in Plant Biology
5.	Contact Details	(a) Email id: deepak@ubkv.ac.in, deepukol99@gmail.com (b) Phone/Mobile : +917595050336
6.	Post held since (year):	7th January 2020
7.	Area of Specialization :	Biochemistry and Molecular Biology
8.	No. of Publications:	Research papers-14 (International Journal -13, National Journal-1)

9. Award/Honors:

Sl. No	Name of Award	Awarding Agency	Year
01	Post Doctoral Research Associateship	NRF, Seoul National University, South Korea	2018
02	B.M Johri Best Poster Award	Plant Tissue Culture Association (India)	2017
03	National Eligibility Test with Junior Research Fellowship (JRF)	CSIR	2011
04	The Graduate Aptitude Test in Engineering (GATE-Life Science) with 99.37 percentile	MHRD	2011
05	Junior Research Fellowship (JRF)	ICAR	2009
06	National Talent Scholarship	ICAR	2005

10. Publications (Best Five)

Authors, Year of publication, Title of the paper	Journal Name, Volume and Page No.
JH Kim, J. Zhou, **D. Kumar** et al. SHORTROOT-Mediated Intercellular Signals Coordinate Phloem Development in *Arabidopsis Thaliana***.**	**The Plant Cell,** 2020**;** Vol. 32: 1519–1535.
D. Kumar and S. Chattopadhyay. Glutathione modulates the expression of heat shock proteins via BZIP10 and MYB21 transcription factors in *A. thaliana*.	**Journal of Experimental Botany**, 2018, Vol. 69: 3729-3743.
D. Kumar, S. Hazra et al. Transcriptome analysis of Arabidopsis mutants suggests a crosstalk between ABA, ethylene and GSH against combined cold and osmotic stress.	**Scientific Reports**, 2016, Vol. 6: 36867.
R. Datta, **D. Kumar** et al. Glutathione regulates ACC synthase transcription via WRKY33 and ACC oxidase by modulating mRNA stability to induce ethylene synthesis during stress.	**Plant physiology**, 2015, Vol. 69: 2963-2981.
D. Kumar, R. Datta, S. Hazra et al. Transcriptomic profiling of A. thaliana mutant pad2.1 in response to combined cold and osmotic stress.	**PlosOne**, 2015, Vol. 10: e0122690.

11. Project handled as PI and Co-PI (Externally Funded)

Sl. No.	Title of the Project	Role of the Scientist	Funding Agency	Sanction Budget	Sanction Year	Duration
1.	Identification and Characterization of marker gene(s) for β -N oxalyl- L-α, β-diaminopropionic acid production in *Lathyrus sativus*	PI	SERB, Govt. of India	29.63 Lakh	December, 2020	2 Years