

BIODATA

1. Name:	Dr. Vinod Kumar																														
2. Designation:	Associate Professor-cum-Senior Scientist																														
3. Contact Address:	Block No. 11, Division of Biochemistry, Faculty of Basic Sciences, SKUAST-J, Main Campus, Chatha, Jammu (J&K) - 180009																														
4. E-Mail:	vinod32@skuastj.org																														
5. Mobile:	9548057828																														
6. Professional Experience:	<ul style="list-style-type: none"> i. 5 Years experience as Assistant Professor at Eternal University, Baru Sahib, Sirmour (Himachal Pradesh) ii. 1.5 Years experience as Assistant Professor (Plant Biochemistry) at Agriculture University, Jodhpur (Rajasthan) iii. 4.5 Years experience as Assistant Scientist (Biochemistry) at CCSHAU, Hisar (Haryana) 																														
7. Awards/ Honours/ Scholarships:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>Mar 2007</i></td> <td>Qualified Graduate Aptitude Test (GATE)</td> </tr> <tr> <td style="text-align: center;"><i>Mar 2008</i></td> <td>Awarded ICAR-SRF for Ph.D.</td> </tr> <tr> <td style="text-align: center;"><i>Mar 2009</i></td> <td>Qualified NET and awarded CSIR-JRF</td> </tr> <tr> <td style="text-align: center;"><i>Nov 2011</i></td> <td>Second Best Poster Presentation Award in National Seminar at GBPUAT, Pantnagar</td> </tr> <tr> <td style="text-align: center;"><i>July 2014</i></td> <td>Second Best Poster Presentation Award in National Symposium at Eternal University, Baru Sahib, H.P.</td> </tr> <tr> <td style="text-align: center;"><i>Feb 2016</i></td> <td>Qualified ARS-NET examination organized by ICAR, New Delhi</td> </tr> <tr> <td style="text-align: center;"><i>Feb 2017</i></td> <td>Best Oral Presentation Award at National Conference, Shoolini University, Solan</td> </tr> <tr> <td style="text-align: center;"><i>Apr 2017</i></td> <td>Best Session Award for paper presentation at Int. Conf. IREST-2017, Eternal University, Baru Sahib, HP</td> </tr> <tr> <td style="text-align: center;"><i>Sept 2017</i></td> <td>Best poster presentation award at National Conference ETIB-2017, MDU, Rohtak</td> </tr> <tr> <td style="text-align: center;"><i>Jun 2018</i></td> <td>Certificate of 'Outstanding participant' at 1st orientation course, Agriculture University, Jodhpur</td> </tr> <tr> <td style="text-align: center;"><i>Feb 2019</i></td> <td>Received International travel grant under IDP-NAHEP and Served as Session Chair at 4th International Conference on Bioscience and Biotechnology at Kuala Lumpur, Malaysia</td> </tr> <tr> <td style="text-align: center;"><i>Sept 2022</i></td> <td>Best Oral Presentation Award in National Conference at GBPUAT, pantnagar</td> </tr> <tr> <td style="text-align: center;"><i>Dec 2023</i></td> <td>Certificate of Appreciation for outstanding contribution during winter school at ICAR-CIPHET Ludhiana</td> </tr> <tr> <td style="text-align: center;"><i>Dec 2023</i></td> <td>Commendation certificate for overall best presentation in winter school at ICAR-CIPHET Ludhiana</td> </tr> <tr> <td style="text-align: center;"><i>Apr 2024</i></td> <td>Appreciation certificate from CCSHAU, Hisar</td> </tr> </table>	<i>Mar 2007</i>	Qualified Graduate Aptitude Test (GATE)	<i>Mar 2008</i>	Awarded ICAR-SRF for Ph.D.	<i>Mar 2009</i>	Qualified NET and awarded CSIR-JRF	<i>Nov 2011</i>	Second Best Poster Presentation Award in National Seminar at GBPUAT, Pantnagar	<i>July 2014</i>	Second Best Poster Presentation Award in National Symposium at Eternal University, Baru Sahib, H.P.	<i>Feb 2016</i>	Qualified ARS-NET examination organized by ICAR, New Delhi	<i>Feb 2017</i>	Best Oral Presentation Award at National Conference, Shoolini University, Solan	<i>Apr 2017</i>	Best Session Award for paper presentation at Int. Conf. IREST-2017, Eternal University, Baru Sahib, HP	<i>Sept 2017</i>	Best poster presentation award at National Conference ETIB-2017, MDU, Rohtak	<i>Jun 2018</i>	Certificate of 'Outstanding participant' at 1 st orientation course, Agriculture University, Jodhpur	<i>Feb 2019</i>	Received International travel grant under IDP-NAHEP and Served as Session Chair at 4 th International Conference on Bioscience and Biotechnology at Kuala Lumpur, Malaysia	<i>Sept 2022</i>	Best Oral Presentation Award in National Conference at GBPUAT, pantnagar	<i>Dec 2023</i>	Certificate of Appreciation for outstanding contribution during winter school at ICAR-CIPHET Ludhiana	<i>Dec 2023</i>	Commendation certificate for overall best presentation in winter school at ICAR-CIPHET Ludhiana	<i>Apr 2024</i>	Appreciation certificate from CCSHAU, Hisar
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8. Area of Specialization:	Plant Biochemistry and Enzymology																														
9. Research Interest:	<ul style="list-style-type: none"> ➤ Enzymatic bio-processing of agro-food waste for its value addition and industrial utilization ➤ Understanding Fe-deficiency tolerance in cereal crops and improving micronutrient bioavailability in grains 																														

10. Total No. of Publication (Referred Journals):	60
11. Selected Publications (best five):	<ol style="list-style-type: none"> 1. Kumar, V., Sangwan, P., Verma, A.K. and Agrawal, S., 2014. Molecular and biochemical characteristics of recombinant β-propeller Phytase from Bacillus licheniformis strain PB-13 with potential application in aquafeed. Applied Biochemistry and Biotechnology, 173, pp.646-659. (Impact Factor 3.094, NAAS 9.094) 2. Kumar, V., Yadav, A.N., Verma, P., Sangwan, P., Saxena, A., Kumar, K. and Singh, B., 2017. β-Propeller phytases: diversity, catalytic attributes, current developments and potential biotechnological applications. International Journal of Biological Macromolecules, 98, pp.595-609. (Impact Factor 8.2, NAAS 14.2) 3. Saxena, A., Verma, M., Singh, B., Sangwan, P., Yadav, A.N., Dhaliwal, H.S. and Kumar, V*, 2020. Characteristics of an acidic phytase from Aspergillus aculeatus APF1 for dephytinization of biofortified wheat genotypes. Applied Biochemistry and Biotechnology, 191, pp.679-694. (Impact Factor 3.094, NAAS 9.094) 4. Poonia, A., Phogat, D.S., Nagar, S., Sharma, P. and Kumar, V*, 2022. Biochemical assessment of oat genotypes revealed variability in grain quality with nutrition and crop improvement implications. Food chemistry, 377, p.131982. (Impact Factor 9.231, NAAS 15.231) 5. Kumar, J., Mir, R.R., Dutta, A., Singh, A., Kumar, V., Tyagi, S., Shafi, S., Dixit, G.P. and Gupta, D.S., 2024. Estimation of iron, zinc, phytic acid concentration and protein content in lentil seeds over locations and their marker-trait association analysis. Journal of Food Composition and Analysis, 127, p.105999. (Impact Factor 4.52, NAAS 10.52)
12. Student advisory:	Guided 02 PhD and 07 M.Sc. students
13. Books/ Manuals / Monographs:	01 Book, 20 Book chapters
14. Seminar/Workshop /Conference attended:	27
15. Extension trainings associated with:	04
16. Research projects as PI /Nodal Officer:	01
17. Other Achievements if any (Please specify):	<ul style="list-style-type: none"> ➤ Total citations of publications, 5400, H-index, 33; i10-index, 56 ➤ Submitted 05 patent applications based on research findings ➤ Submitted 35 DNA gene sequences to NCBI database ➤ Member, Editorial Board of 5 Journals