

**PROJECTS AWARDED/ SANCTIONED TO BHU FACULTY MEMBERS  
(JULY - SEPTEMBER, 2023)**

| S.No. | Title/Subject of the Project, Grant sanctioned and Duration  | Awarded to   | Awarding/Funding Body   |
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| 1.    | Unraveling the molecular mechanisms of spinocerebellar ataxia 8 non-coding RNA pathogenesis associated neuro-degeneration using drosophila model<br><br>Total Funding: Rs. 69,95,557   | Dr. Mousumi Mutsuddi<br>Department of Molecular and Human Genetics, Institute of Science     | DST - Science and Engineering Research Board (SERB), Govt. of India |
| 2.    | Longevity of immunological memory in people with history of visceral leishmaniasis and impact of declining disease transmission on maintenance of immunological memory in context of India's visceral leishmaniasis elimination campaign<br><br>Total Funding: Rs. 68,16,880 | Dr. Rajiv Kumar<br>Centre for Experimental Medicine & Surgery, Institute of Medical Sciences | DST - Science and Engineering Research Board (SERB), Govt. of India |
| 3.    | Extension of Malaviya Dental implant developed in BHU and other health services to marginalized masses of the society<br><br>Total Funding: Rs. 64,40,000  | Prof. Rajesh Bansal<br>Faculty of Dental Sciences, Institute of Medical Sciences             | Other Government Agency   |
| 4.    | Immuno-modulatory Property of Preconditioned human mesenchymal stem cell derived conditioned Media: Assessment of its therapeutic potential in systemic lupus erythematosus<br><br>Total Funding: Rs. 47,74,000  | Dr. Geeta Rai<br>Department of Molecular & Human Genetics, Institute of Science              | DST - Science and Engineering Research Board (SERB), Govt. of India |

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| 5.  | Transcriptomic responses of the hypothalamus-pituitary - gonadal axis in oestrogen (Alkylphenols) - exposed fish<br><br>Total Funding: Rs. 35,17,260  | Dr. Radha Chaube<br>Department of<br>Zoology,<br>Institute of Science   | DST - Science and Engineering Research Board (SERB), Govt. of India |
| 6.  | Trial efficacy of products herbicides<br><br>Total Funding: Rs. 28,60,000   | Dr. Sunil Kumar Verma<br>Department of<br>Agronomy,<br>Institute of<br>Agricultural<br>Sciences                       | Willwood Chemicals Pvt. Ltd.  |
| 7.  | A Combinatorial approach for the killing of cancer cells by natural killer (NK) cells activation using recipes of some cytokine's cocktails with nucleoside analogs<br><br>Total Funding: Rs. 27,06,000 | Prof. Arbind Acharya<br>Department of<br>Zoology,<br>Institute of Science   | DST - Science and Engineering Research Board (SERB), Govt. of India |
| 8.  | Digital Resources for Sanskrit learning<br><br>Total Funding: Rs. 20,00,000   | Prof. Brajbhushan Ojha<br>Department of<br>Vyakaran, Faculty of<br>SVDV   | Other Government Agency   |
| 9.  | Quest for Silicon oil soluble Ionic Liquids as additive for High Temperature lubricant application<br><br>Total Funding: Rs. 15,00,000  | Prof. Satyen Saha<br>Department of<br>Chemistry,<br>Institute of Science  | Ministry of Defence, Govt. of India                                 |
| 10. | Evaluation of bio-efficacy and phyto-toxicity on Potato<br><br>Total Funding: Rs. 9,08,600  | Dr. Satyendra P. Singh<br>Department of<br>Mycology & Plant<br>Pathology,<br>Institute of<br>Agricultural<br>Sciences | SML Pvt. Ltd.   |
| 11. | Bio-efficacy of new fungicide on  | Dr. Amitava Rakshit   | NICHINO Pvt. Ltd.   |

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|     | Rice<br>Total Funding: Rs. 7,08,000   | Department of Mycology & Plant Pathology, Institute of Agricultural Sciences          |                                    |
| 12. | Bio efficacy data generation on Soyabean<br>Total Funding: Rs. 7,00,000   | Dr. Sunil Kumar Verma<br>Department of Agronomy, Institute of Agricultural Sciences   | GSP Crop Science Ltd.              |
| 13. | Development of algorithm for resolution of vegetation water content estimation using optical/IR and microwave satellite datasets over agricultural lands<br>Total Funding: Rs. 6,63,690 | Dr. Prashant Kumar Srivastava<br>Institute of Environment & Sustainable Development   | Indian Space Research Organization |
| 14. | Evaluation of the bio-efficacy of Kharif 2023<br>Total Funding: Rs. 5,12,000  | Dr. Shashidhar K.S. KVK, South Campus, Barkachha                                      | INERA Crop Science Pvt. Ltd.       |
| 15. | Efficacy evaluation of terborine Crops<br>Total Funding: Rs. 4,54,300   | Dr. Nikhil Kumar Singh,<br>Department of Agronomy, Institute of Agricultural Sciences | Gharda Chemical Pvt. Ltd.          |
| 16. | Bio efficacy trials of VIRAPROMP on Rice<br>Total Funding: Rs. 4,24,800   | Dr. Ram Kumar Singh<br>Department of Agronomy, Institute of Agricultural Sciences     | Shanmukha Agritech Pvt. Ltd.       |
| 17. | Evaluation optimization of spacing and nitrogen under   | Dr. Ram Kumar Singh   | Shanmukha Agritech Pvt. Ltd.       |



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|     | DSR of Indian 10002<br>Total Funding: Rs. 4,24,800                                  | Department of Agronomy, Institute of Agricultural Sciences                          |   |
| 18. | Bio-efficacy and Phyto-toxicity evaluation on Paddy<br>Total Funding: Rs. 2,00,000  | Dr. Sunil Kumar Verma<br>Department of Agronomy, Institute of Agricultural Sciences | GSP Crop Science Ltd.                                   |
| 19. | Bio-efficacy and Phyto-toxicity evaluation on Tomato<br>Total Funding: Rs. 2,00,000 | Dr. Sunil Kumar Verma<br>Department of Agronomy, Institute of Agricultural Sciences | GSP Crop Science Ltd.                                   |
| 20. | Cereal system Initiative for South Asia<br>Total Funding: Rs. 75,000                | Dr. Shree Ram Singh<br>KVK, South Campus, Barkachha                                 | Indian Council of Agricultural Research, Govt. of India |