

## DETAILS OF ONGOING PROJECTS

S.No	PI	Title	CoPI	Amount sanctioned, date letter no., and sponsoring agency	Release amount	Remarks	
<b>Food Technology (Dr. Khem Singh Gill Akal College of Agriculture )</b>							
1.	Dr. Krishan Kumar (Associate Professor)	Setting up of Akal Food Safety and Quality Laboratory	NA	Rs. 597.67 Lakh Dated 02/09/2019 File no. : F-11011/1/2019-FOOD TESTING LAB (318920) Ministry of Food Processing Industry, Govt. of India	Yet to be released	-	
<b>Biotechnology (Dr. Khem Singh Gill Akal College of Agriculture )</b>							
1.	Dr. Sapna Thakur (Assistant Professor)	Development of Novel packaging film for fruit and vegetable storage using metal oxides Nano particles synthesized by different processes	NA	Amount sanctioned: Rs. 25,50,000/- Date of sanction order: 27/11/2017 Sanction Letter: SR/WOS-A/LS-296/2017 DST, Govt. of India	Ist Year: 8,10,000/- Dated: 17/04/2018; 2nd Year: 9,00,000/- Dated: 13/02/2020; 3rd Year: 7,00,000/- Dated: 21/09/2020	3 Years (2018-2021)	Completed
2.	Dr. Ajar Nath Yadav (Assistant Professor, Senior Scale) and Asst. CoE)	Development of Microbial Consortium as Bio-inoculants for Drought and Low Temperature Growing Crops for Organic Farming in Himachal Pradesh	Dr. Sunil Kumar (Assistant Professor, Biotechnology)	Amount sanctioned: 8.2 lakhs File:No.Env.S&T(F)5-2/2017-206- 2019 DEST	Ist Year: 4,20,000/- Dated: 03/04/2019; 2nd Year: 4,00,000/- Dated: 08/04/2020 File:No.Env.S&T(F)5-2/2017-206- 2019	2 Years (2019-2021)	Extended
3.	Dr. Sapna Thakur (Assistant Professor)	Development of ZnO-Cellulose Nanocomposite for extending storage life of Ginger ( <i>Zingiber officinale</i> )	Dr. Sushma Sharma (Assistant Professor, Plant Pathology)	Amount sanctioned: Rs. 8,00,000/- Date of sanction order: 03/04/2019 Sanction Letter: No.Env.S&T(F)5-2/2017-205-2019 HPDEST	Ist Year: 4,00,000/- Dated: 03/04/2019; 2nd Year: 4,00,000/- Dated: 08/04/2020	2 Years (2019-2021)	Extended
4.	Dr. Imran Sheikh (Assistant Professor)	High resolution QTL mapping iron, zinc, grain protein and phytate content and their introgression in high yielding wheat cultivars	Dr. Pritesh Vyas (Associate Professor, Department of Biotechnology )	Project Sanctioned: Rs 36.5 lakhs, Dated 18/03/2019 File no. BT/NABI-Flagship/2018; Dated 18/03/2019 DBT, Govt. of India	Amount released Rs 1251769 Rs 1092232	3 Years (2019-2022)	
5.	Dr. Neeraj K. Vasistha (Assistant Professor)	Development and validation of high resolution KASP assay for powdery mildew resistant genes in wheat	NA	Project Approved: Rs. 29,99,560, Date: Oct 05, 2020 Fund not sanctioned yet Approval Letter No. SRG/2020/000091 SERB-DST, New Delhi	-	2 Years (2020-2022)	
<b>Botany (Akal College of Basic Sciences)</b>							
1.	Dr. Vivek Sharma (Associate Professor)	Cyto-morphological, Phytochemical, Molecular Characterization and Formulation of New Herbal Product from Selected Species of Genus <i>Berberis</i> (L.) from	Dr. H.S. Dhaliwal (Distinguished Professor)	Amount Sanctioned: Rs. 25,45,000 Date of Sanction Order: 05/02/2020 Funds Received on Dated:28/08/2020 Sanction Letter: Project Code: (F.No.Z.18017/187/CSS/R&D/HP-02/2019-20-NMPB-IV A)	Amount released; Rs 5,35,000	3 Years (2020-2023)	

		Himachal Pradesh.		NMPB, Ministry of AYUSH, Govt. of India			
<b>Physics (Akal College of Basic Sciences)</b>							
1.	Dr. Puneet Negi Assistant Professor & Head (Officiating)	Design of low cost mixed solar drying system for horticulture and agriculture commodities of Himachal Pradesh	Dr. Ajar Nath Yadav (Assistant Professor, Senior Scale, Dept of Biotechnology) and Asst. CoE)	5.8 Lakh/Diary No.: SCSTE/F(8)-1/2017-5075-76 Dated 28-12-2017 HIMCOSTE, Shimla	1st Year: 2.90 Lakh, Dated: March 14, 2018; 2nd Year: 2.90 Lakh, Dated: April 11, 2019	2 Years (2017-2019) Requested for one year extension	<b>Not extended Installation left</b>
<b>Zoology (Akal College of Basic Sciences)</b>							
1.	Dr. Neelam Thakur (Assistant Professor)	Application of Indigenous Entomopathogenic Nematodes as Biocontrol agents for the management of Insect pests in Tomato	Dr. Sunil Kumar (Assistant Professor, Biotechnology)	Amount sanctioned: Rs. 28, 79, 668 Date of sanction order: 08/10/2018 Sanction Letter No: SP/Yo/506/2018 (G) DST, Govt. of India	1st Year: 16,59,108/- Dated: 08/10/2018 Second mount released	3 Years (2018-2021)	<b>Ongoing</b>
2.	Dr. Neelam Thakur (Assistant Professor)	Integrated Farming System with allied sector for Socio-economic Upliftment of Rural farmer families of Himachal Pradesh	Dr. Priyanka Thakur (Assistant Professor, Entamology) Dr. Mahesh Tripathi (Assistant Professor, DKSGACA) Dr. Krishan Kumar (Associate Professor, Food Technology)	Amount sanctioned: Rs.7,93,500/- Date of sanction order:17/09/2020 Sanction Letter No: HP/FSDD/1256/FSPF-219/2020-21 NABARD	Yet to be released	1 Year (2020-2021)	<b>Ongoing</b>
<b>Microbiology (Akal College of Basic Sciences)</b>							
1.	Dr. Nasib Singh (Associate Professor)	Skill Vigyan Program in Biotechnology	NA	Amount sanctioned: Rs. 27,30,000, Date of sanction order: 22-08-2019 Sanction Letter: STC/F(1)-1/19-DBT-VOL.II- 957 DBT, Govt. of India & HIMCOSTE, H.P.	Grant not yet released as the launch of the program is delayed due to COVID-19	3 Years (2019-2022)	
<b>Akal College of Engineering and Technology</b>							
2.	Dr. P.S. Cheema	Linear Fresnel Reflector (LFR) Concentrator Based Solar Water Purification System	Dr. Sudhakar Panday (Assistant Professor, ACET)	7.90 Lakh State Council for Science, Technology & Environment (SCSTE) Shimla, Himachal Pradesh	-	2 Years (PPT pending)	