

## List of RKVY Projects

New Projects- sanctioned in 2020-21	5
Continued Projects	9
<b>Total</b>	<b>14</b>

### New - RKVY Projects - 2020-21

(Rs. in lakhs)

Sl. No.	Title of the Project	Year of start	Duration	Year of Completion	Location	Department	Principal Investigator	Total outlay	Remarks
1.	Development of solar based hybrid automation system for environment monitoring in silkworm rearing house to enhance cocoon quality and cocoon production	2020-21	1 year	2021-22	CoA, KVK, Chintamani	Argi. Engg.	Mr. RudragoudaChilur/ Dr. ArathiPannure	50.00	----“----
2.	Establishment of plant tissue culture and virus indexing lab at College of Agriculture, Hassan	2020-21	1 year	2021-22	CoA, Karekere Hassan	Pl. Biotech	Dr. B.T. Krishna Prasad	87.00	----“----
3.	Fall Army worm (FAW), Spodopterafrugiperda (J.E Smith) (Lepidoptera: Noctuidae): Establishment, distribution and extent of damage in major maize growing area of Southern Karnataka and development of Integrated pest management through farmers participation	2020-21	1 year	2021-22	GKVK, Bangalore	Agri. Ento.	Dr. Prabhu C. Ganiger	19.80	----“----

4.	Nutritional and health empowerment through nutri-rich potential crops in selected districts of Southern Karnataka	2020-21	1 year	2021-22	GKVK, Bangalore	Agronomy	Dr. S. R. Anand	42.50	----“----
5.	Development of demonstration and business model for soil-less agriculture production system at UAS, Bangalore	2021-22	3 years	2023-24	GKVK, Bangalore	Seed technology	Dr. K. Vishwanatha	290.00	----“----

### Continued - RKVY Projects

(Rs. in lakhs)									
Sl. No.	Title of the Project	Year of start	Duration	Year of Completion	Location	Department	Principal Investigator	Total outlay	Remarks
1.	Development of Sustainable pilot model seed platform activities	2017-18	3 years	2019-20	GKVK, Bangalore	Seed technology	Dr. S. Rajendra Prasad	81.00	----“----
2.	Utility of table and ornamental fishes in aquaponics for production of horticultural and agricultural crops	2018-19	2 years	2019-20	MRS, Hebbal, Bangalore	Fisheries science	Dr. B.V. Krishnamurthy	117.00	----“----
3.	Establishment of gene bank at University of Agricultural Sciences, Bengaluru	2019-20	1 year	2020-21	GKVK, Bangalore	Genetics & Pl. Breeding	Dr. A. Mohan Rao	2.95	----“----
4.	Assessment of farm pond for water harvesting and recycling through solar energy in micro-watershed	2019-20	1 year	2020-21	GKVK, Bangalore	Agril. Engg.	Dr. K. Devaraja	1.00	----“----
5.	Web based online fertilizer	2019-20	3 year	2020-21	GKVK,	Soil Sci.	Dr. P. K.	1.96	----“----

Sl. No.	Title of the Project	Year of start	Duration	Year of Completion	Location	Department	Principal Investigator	Total outlay	Remarks
	recommendation through STCR approach for selected districts of Karnataka				Bangalore	&Agril. Chemistry	Basavaraja		
6.	Empowerment of small and medium farmers of Chikkaballapur and Tumkur districts through precision agriculture based integrated farming system (IFS) for doubling individual farm income.	2019-20	1 year	2020-21	GKVK, Bangalore	Sericulture	Dr. S. Chandrashekhar	1.87	----“-----
7.	Enhancement of organic mulberry production and its quality through efficient water management techniques and moisture conservation practices	2019-20	1 year	2020-21	GKVK, Bangalore	Sericulture	Dr. S. Chandrashekhar	1.60	----“-----
8.	<i>Meliadubia</i> based agroforestry system for environmental sustainability and livelihood security of farmers in different agro-climatic zones of Southern Karnataka	2019-20	1 year	2020-21	GKVK, Bangalore	Agronomy	Dr. K. S. Somashekar,	0.32	----“-----
9.	Research cum Demonstration of Sensor Based Automated Irrigation Techniques Important Agricultural crops	2019-20	1 year	2020-21	GKVK, Bangalore	Agronomy	Dr. D.C. Hanumanthappa,	100.00	----“-----