

### Externally funded Collaborative Projects

New projects sanctioned in 2020-21	3
Continued projects	28
<b>Total</b>	<b>31</b>

### New -Externally funded Collaborative Projects

Sl. No.	Title of the Project	DR file No.	Name and Address of PI	Funding agency	Year of sanction of the project	Duration of the project	Total outlay of the project (Rs. in lakhs)
1	Sustainable practices of crops in relation to growth, anti-virus and anti-vector activities in response to seaweed extracts	T-Coll-241/Sea6 Energy	Dr. N. Nagaraju, Professor, Department of Pl. Pathology, College of Agriculture, GKVK	Sri SailajaNori, Director - Research & Development, M/s Sea6 Energy Pvt. Ltd., 1st Floor, Centre for Cellular & Molecular Platforms (CCMP), NCBS-FIFR, GKVK Post, Bellary Road, Bangalore - 560 065	2020-21	2 years	21.56
2	Establishment of UASB-HAL Advanced Centre for Bioenergy Research	T-Coll-242	Dr. A.S. Devakumar Prof. & Univ. Head, Dept. of Forestry & Environmental Sciences, UASB	G.V. Rao, Executive Director (Facilities Management Division) Hindustan aeronautics Limited, Post Bag No. 1703, Bengaluru - 560 017, Ph: 91-80-22311514, 2232 35555	2020-21	1 year	200.00

3	Genetics and genomics of faster dry down in maize ( <i>Zea mays</i> L.)	T-Coll-243	Dr. H. C.Lohithaswa Prof. & Scheme Head, AICRP on Pigeonpea, UASB	Sunil, M/s Bayercrop Science Pvt. Ltd., Kallinayakanahalli, Gauribidanur (T), Chikkaballapur (D)	2020-21	3 years	11.32
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### Continued -Externally funded Collaborative Projects

Sl. No.	Title of the Project	DR file No.	Name and Address of PI	Funding agency	Year of sanction of the project	Duration of the project	Total outlay of the project (Rs. in lakhs)
1	Examining the role of sea weed extracts in inducing defense responses against Pathogens in crop plants	T-Coll-168	Dr. N. Nagaraju, Associate Professor, Dept. of Plant Pathology, College of Agriculture, UAS, GKVK	M/s. Sea6 Energy Pvt. Ltd., Bangalore.	2013-14	2 years	21.17
2	Production Risks and Welfare Implications of Maize Hybrids on the Subsistence Farms of South India	T-Coll-193	Dr. P.S. Srikantha Murthy, Assoc. Prof., Dept. of Agril. Economics, UAS, GKVK	Dr. R. Balasubramanian, Prof. of Agril. Economics, Dept. of Market Extension, Tamil Nadu Agricultural University,	2015-16	1 year	6.01

				Coimbatore.			
3	Evaluation on the Bio-efficacy of Bio Fungicide Taegro against Early & Late blight disease in Potato	T-Coll-195	Dr. M.S. Nagaraj, Asst. Prof., Dept. of Plant Pathology, CoA, Hassan	M/s Novozymes South Asia Pvt. Ltd, Bengaluru	2015-16	2 years	4.58 Completed
4	Appraisal of new fungicides and other combinations against important diseases of crop plants	T-Coll-197	Dr. M.K. Prasanna Kumar, Asst. Prof., Dept. of Pl. Pathology, UAS, GKVK	M/s. ADAMA India Pvt. Ltd., Hyderabad	2015-16	3 years	51.00
5	Evaluation of dimethomorph 50WP and azoxystrobin against important diseases of Grapes and Potato, Tomato and Chilli	T-Coll-200	Dr. M.K. Prasanna Kumar, Asst. Prof., Dept. of Pl. Pathology, UASB	M/s. Coromandel International Limited, Telangana	2015-16	1 year	9.50
6	Evaluation of New Insecticides and combination insecticide products with different modes of action against important insect pests of crops (Project extended upto 2020)	T-Coll-201	Dr. Shivanna B., Asst. Prof., Dept. of Entomology, CoA, UAS, GKVK, Bengaluru	M/s. ADAMA India Pvt.. Ltd., Hyderabad	2015-16	3 years	33.00
7	Comparative efficacy and evaluation of bio-efficacy of new fungicides against important diseases of Groundnut, Paddy, Chilli and other crops	T-Coll-207	Dr. M.K. Prasanna Kumar, Asst. Prof., Dept. of Pl. Pathology, UAS, GKVK	M/s. UPL Limited, UPL House, Mumbai	2016-17	2 years	27.27
8	Studies on Bio-stimulants in relieving in relieving the pesticidal stress in plants	T-Coll-208	Dr. M.K. Prasanna Kumar, Asst. Prof., Dept. of Pl. Pathology,	M/s. Sea6 Energy, CCAMP	2016-17	1 year	2.53

			UASB	Incubator, Bengaluru			
9	Management of important diseases of grapes, potato, rice, tomato and other crops using cyazofamid, picoxystrobin and other new generation fungicides	T-Coll-209	Dr. M.K. Prasanna Kumar, Asst. Prof., Dept. of Pl. Pathology, UAS, GKVK	M/s Insecticides India Limited, New Delhi	2016-17	3 years	27.04
10	Assessment of adjuvants to improve pesticide efficacy and against crop diseases, insect pests and weeds	T-Coll-210	Dr. M.K. Prasanna Kumar, Asst. Prof., Dept. of Pl. Pathology, UAS, GKVK	Croda India Company Pvt. Ltd, MUMBAI	2016-17	3 years	30.42
11	Effect of Silicic acid on growth, development and disease suppression in soybean, tomato and banana	T-Coll-216	Dr. N. B. Prakash, Professor, Dept. of Soil Science and Agril. Chemistry, College of Agriculture, UAS, GKVK, Bangalore	M/s Rexil Agro CHENNAI	2016-17	1 year	10.34
12	Bio-efficacy of Halosulfuron methyl 6% + Mtribuzin 50% WG against sedges, broad leaf and narrow leaf weeds, its phytotoxicity on sugarcane and effect on succeeding crops	T-Coll-217	Dr. M.T.Sanjay, Junior Agronomist, AICRP on Weed Management, Main Research Station, UAS, Hebbal, Bengaluru-24	M/s Dhanuka Agritech Limited, New Delhi	2016-17	1 year	7.80
13	Evaluation of Agronomic performance of crop specific NPK for Rice and Maize	T-Coll-219	Dr. N. B. Prakash, Professor, Dept. of Soil Science and Agril. Chemistry, College of Agriculture, UASB	Sabic Research & Technology Pvt. Bengaluru	2017-18	2 years	34.34
14	Effect of SI-Agro as a source of silicon on growth, yield and fruit quality and disease suppression in Banana	T-Coll-220	Dr. N. B. Prakash, Professor, Dept. of Soil Science and Agril. Chemistry, College of Agriculture, UASB	Elkem South Asia Pvt. Ltd, Mumba -	2017-18	2 years	30.10

15	Bio-efficacy testing of seed treatment, soil and foliar application bio-fertilizers on corn and paddy	T-Coll-222	Dr. S.B. Yogananda, Senior Farm Superintendent, ZARS, VC Farm, Mandya	M/s Novozymes South Asia Pvt. Ltd, Bengaluru	2017-18	1 year	12.39
16	Studies on bio efficacy of insecticide and fungicide combination and Individual products against major insect pests and diseases	T-Coll-225	Dr. B. Shivanna, Assistant Professor, Dept. of Entomology, College of Agriculture, UAS, GKVK, Bengaluru	Gharda Chemicals Limited, Thane,	2017-18	2 years	23.76
17	Conducting Research on Geonmicsassisted breeding for high yielding and climate resilient finger millet (Ragi) varieties / hybrids and promotion of best suitable cultivars for food and nutritional security in Karnataka state of India	T-Coll-227	Dr. C.A. Deepak, Junior Rice Breeder, AICRP on Rice, ZARS, VC Farm, Mandya	ICRISAT), Patencheru –. Hyderabad.	2017-18	3 years	159.28
18	Exploring the utilization of diatomaceous earth (Celite 610) for management of insect pests of crops	T-Coll-228	Dr. K. Murali Mohan, Asst. Prof., Dept. of Entomolgy, CoA, UAS, GKVK, Bengaluru	M/s Imerys Performance & Filtration Minerals Pvt. Ltd, Mumbai	2017-18	2 years	17.29
19	Effect of post emergence application of broad spectrum herbicide and their residual effect on the productivity of groundnut and soybean	T-Coll-229	Dr. Mudalagiriappa, Professor, Dept. of Agronomy, CoA, UASB	M/s. ADAMA India Pvt. Ltd., Hyderabad	2017-18	2 years	14.74
20	Assessment of efficacy weedicides against different weed flora in field crops in Cauvery Command Area of Karnataka	T-Coll-232	Dr. S.B. Yogananda, Assistant Professor, Dept. of Agronomy, College of Agriculture, VC Farm, Mandya	M/s UPL Limited, UPL House Mumbai	2018-19	2 years	23.08

21	Development and standardization of non-invasive method for detection of fruit fly infestation using hyper spectral imaging technique in gherkin	T-Coll-233	Dr. K. Murali Mohan, Associate Professor, Dept. of Agricultural Entomology, CoA, GKVK	M/s WIPRO Limited, Bangalore	2018-19	2 years	23.94
22	Yellow Gypsum as a source of sulphur, silicon and other micro nutrients in agriculture	T-Coll-234	Dr. N.B. Prakash, Professor, Dept. of Soil Science and Agricultural Chemistry, College of Agriculture, UAS, GKVK, Bangalore	M/s TATA Steel Limited, Jamshedpur	2018-19	2 years	49.45
23	Livelihood security of Farm Youth / Women through Bakery and Value addition industry of Kolar District	T-Coll-235	Dr. S.V. Suresh, Coordinator, Bakery Training Unit, Directorate of Extension, UAS, Hebbal,	Save the Children, BalRaksha Bharat, Labelle Suites, 5th Floor, 3rd Main, HBR Layout, 4th Block, Bangalore	2018-19	30 days	2.91
24	Evaluation of stress tolerant orphan legumes for use in dryland farming systems across sub-Saharan Africa and India - Promoting India-Africa Framework for Stratetic Cooperation	T-Coll-236/KHT	Dr. S. Ramesh, Prof., Dept. of GPB, CoA, UASB	Dr. PratibhaBrahmi Principal Scientist and Officer-In-Charge Division of Germplasm Exchange ICAR-NBPGR, NEW DELHI – 110 012	2018-19	5 years	1.87

25	Empowerment of members of SHGs and mothers of anganwadi children for nutritional security and enabling healthy food consumption habits	T-Coll-237	Dr. S.V. Suresha, Coordinator, Bakery Training Unit, Directorate of Extension, UAS, Hebbal, Bengaluru - 24	VenkataSudhakar Namala, Director - Finance, Admin & HR, United Way of Bengaluru, JeevanBhima Nagar Main Road, HAL III Stage, Bengaluru	2019-20	6 months	3.24
26	Studies on effect of coated materials for the reduction of Nitrogen leaching from applied fertilizers	T-Coll-238	Dr. S.B. Yogananda, Assoc. Prof., College of Agriculture, VC Farm, Mandya	Vandna Gupta, Product Development, M/s UPL Limited, UPL House, 620 B/2, Bandra Village, Off Western Express Highway, Bandra East, Mumbai - 400 051	2019-20	3 years	28.15
27	Exploring the potentiality of endophytes and phylloplane microbes to manage seedling blight disease of Eucalyptus	T-Coll-239	Dr. M.K. Prasannakumar, Associate Professor, Department of Plant Pathology, College of Agriculture, GKVK	Dr. Gurumurthy, ITC Life Sciences & Technology, No.3, 1st Main, 1st Phase, Peenya Industrial Area, Bangalore - 058	2019-20	1 year	9.51
28	Understanding the Bio-chemical Composition of Seed Coat in Different Crops to develop Biodegradable Membranes for Encapsulation	T-Coll-240	Dr. N. Nethra, Assistant Professor, Seed Technology Research Centre, National Seed Project, University of Agricultural Sciences, GKVK, Bengaluru	M/s TRuCapsol LLC 116 Research Drive, Bethlehem, PA 18015	2019-20	10 months	12.14