

Externally funded Collaborative Projects (2021-22)

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	Demonstration of improved Turmeric variety IISR Pragathi and GAP in Chamarajanagar District	T-Coll-244	Dr. A.B. Mohan Kumar, Scientist (Horticulture), ICAR, KVK, Chamarajanagar	Shri Jiksy Raphael Assistant General Manager, NABARD, NABARD Tower, #46, Kempe Gowda Road, PB No. 9944, Bengaluru – 009	2021-22		15,43,000/-
2	Role of bio stimulants in enhancing crop productivity	T-Coll-245	Dr. S. B. Yogananda, Associate Professor, Dept. of Agronomy, CoA, VC Farm, Mandya	Ms. Vandna Gupta, Product Development, M/s UPL Limited, UPL House, 610 B/2, Bandra Village, Off Western Express Highway, Bandra – East, Mumbai	2021-22		Rs. 56,84,000/-
3	<i>In-planta</i> evaluation of new fungicides, biofungicides against major diseases of crop plants and biostimulants for disease resistance, growth and productivity of important crops of Southern Karnataka	T-Coll-246	Dr. M. K. Prasannakumar, Assoc. Prof., Dept. of Plant Pathology, CoA, UASB	Ms. Rita Yadav, Registration & Regulatory Administration, M/s UPL Limited, UPL House, 610 B/2, Bandra Village, Off Western Express Highway, Bandra East, Mumbai - 051	2021-22		4,81,00,000/-

4	Evaluation of basic steel slag as a soil conditioner and nutrient source for rice and maize in different types of soils of Karnataka	T-Coll-247	Dr. N. B. Prakash, Dean (Agri.), CoA, GKVK	Shri D. Satish Kumar, R & D and SS, Steel Mills and Product Development Group, JSW Steel Ltd., Vijayanagar Works, Bellary - 583 275	2021-22		2,04,01,400/-
5	Herbicide tolerance studies in Sorghum	T-Coll-248	Dr. Mudalagiriappa, Chief Scientist, AICRP on DLAP, UASB	Ms. Rita Yadav, Registration & Regulatory Administration, M/s UPL Limited, UPL House, 610 B/2, Bandra Village, Off Western Express Highway, Bandra East, Mumbai	2021-22		11,18,000/-
6	Green synthesis of Boron, Zinc and Sulphur nano fertilizers to enhance the productivity and nutritional quality of Soybean and Tomato	T-Coll-249	Dr. K. N. Geetha, Agronomist & Scheme Head, AICRP on Weed Management, UASb	Pravin Thakur, AGM - Crop Agronomist - NPD (CNB), M/s Smartchem Technologies Limited, Reg.Off: Sai Hira, Sy. No. 93, Mudhwa, Pune	2021-22		9,96,000/-
7	Response of Herbicides and crop rotation on paddy weed seed bank under Cuavery Command area	T-Coll-250	Dr. S.B. Yogananda, Professor, Department of Agronomy, College of Agriculture, VC Farm, Mandya	Prashanth Hari, Manager - Regulatory Affairs, M/s Coromandel International Limited, Coromandel House, 1-2-10, Sardar Patel Road, Secunderabad - 500 003.	2021-22		69,12,000/-

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 (lakhs)
1.	Assessment and development of microbial based biotech tools to combat drought, salinity, soil erosion and promote plant health	T-Coll-153 (A)	Dr. A.G. Shankar, Prof. & Head, Dept. of Crop Physiology, GKVK	M/s Novozymes South Asia Pvt. Ltd., Bengaluru	2012-13	1 year	10.12
2.	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, CoA, GKVK	M/s. Sea6 Energy Pvt. Ltd., Bangalore.	2013-14	2 years	21.17
3.	Utilization of Bacterial Strains for Plant disease control	T-Coll-185	Dr. M.K. Prasanna, Asst. Prof., Dept. of Plant Pathology, UAS, GKVK		2014-15	2 years	10.88
4.	Studies on field efficacy of Copper Oxychloride 14% + Copper Hydrochloride 14% against important diseases	T-Coll-189	Dr. M.K. Prasanna, Asst. Prof., Dept. of Plant Pathology, UAS, GKVK		2015-16	2 years	4.41
5.	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, TNAU, Coimbatore.	2015-16	1 year	6.01

6.	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
7.	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
8.	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
9.	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
10.	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
11.	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, UASB	M/s. Sea6 Energy, CCAMP Incubator, Bengaluru	2016-17	1 year	2.53
12.	Management of important diseases of grapes, potato, rice, tomato and other crops using cyazofamid, picoxystrobulin 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

13.	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
14.	Studies on effectiveness of novel insecticides and other combinations against major insect pests of crops	T-Coll-211	Dr. B. Shivanna, Assistant Professor, Dept. of Entomology, College of Agriculture, UAS, GKVK, Bengaluru	M/s Bayer CropScience Limited, BANGALORE	2016-17	2 years	22.88
15.	Efficacy of new herbicides for effective weed management in maize	T-Coll-213	Dr. G.N. Dhanpal, Professor, AICRP on Weed Management, MRS, Hebbal is the PI	Ms/ BASF India Limited, Mumbai	2016-17	2 years	5.28
16.	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, GKVK	M/s Rexil Agro CHENNAI	2016-17	1 year	10.34
17.	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, GKVK	M/s Dhanuka Agritech Limited, New Delhi	2016-17	1 year	7.80
18.	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, GKVK	Sabic Research & Technology Pvt. Bengaluru	2017-18	2 years	34.34
19.	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, CoA, UASB	Elkem South Asia Pvt. Ltd, Mumba -	2017-18	2 years	30.10

20.	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
21.	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, GKVK, Bengaluru	Gharda Chemicals Limited, Thane,	2017-18	2 years	23.76
22.	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	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
23.	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
24.	Validation of reported linked SNPs and early generation evaluation for resistance to late wilt disease caused by Harpophoramaydis in maize (Zea mays L.) in relation to grain yield and its components	T-COLL-230	Dr. E. Gangappa, Prof., Dept. of GPB, UAS, GKVK, Bangalore	Hemareddy,H.B. Asia Row Crops Breeding Lead, M/s Monsanto Breeding Station, Kallinayakanahalli Gowribidanur Taluk - 561 213	2017-18	3 years	11.32

25.	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
26.	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
27.	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
28.	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, Bal Raksha Bharat, Labelle Suites, 5th Floor, 3rd Main, HBR Layout, 4th Block, Bangalore	2018-19	30 days	2.91
29.	Evaluation of stress tolerant orphan legumes for use in dryland farming systems across sub-Saharan Africa and India	T-Coll-236	Dr. M. Byregowda, Dean of Student Welfare, UAS, GKVK, Bengaluru	Division of Germplasm Exchange ICAR-NBPGR, New Delhi	2018-19	5 years	1.87 (sanctioned for 2018-19)

30.	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	Venkata Sudhakar Namala, Director - Finance, Admin & HR, United Way of Bengaluru, HAL III Stage, Bengaluru	2019-20	6 months	3.24
31.	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 - 051	2019-20	3 years	28.15
32.	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

33.	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, UAS, GKVK, Bengaluru	M/s TRu Capsol LLC 116 Research Drive, Bethlehem, PA 18015	2019-20	10 months	12.14
34.	Sustainable practices of crops in relation to growth, anti-virus and anti-vector activities in response to seaweed extracts	T-Coll-241	Dr. N. Nagaraju, Professor, Department of Pl. Pathology, College of Agriculture, GKVK	Sri Sailaja Nori, Director - R & D, M/s Sea6 Energy Pvt. Ltd., 1st Floor, CCMP, NCBS-FIFR, GKVK, Bangalore	2020-21	2 years	21.56
35.	Establishment of UASB-HAL Advanced Centre for Bioenergy Research	T-Coll-242	Dr. K. T. Prasanna, Prof. & Univ. Head, Dept. of Forestry & Environmental Sciences, UASB	Shri G.V. Rao, Executive Director, Hindustan Aeronautics Limited, Post Bag No. 1703, Bengaluru – 017	2020-21	1 year	200.00
36.	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	2020-21	3 years	11.32