

अनुमोदित चालू परियोजनाओं की सूची

List of Approved On-going Projects



Sl. No	Institute Code	Title of the project and Investigator(s)
CROP IMPROVEMENT		
1	Biotech 12	Identification of genomic regions conferring resistance to fusarium wilt for accelerating the development of wilt resistant tobacco cultivars. Dr. M. Sheshu Madhav, Dr. K. Sarala, Dr. K. Prabhakara Rao, Dr. C. Nanda, Dr. S. Ramakrishnan, Dr. S. Madhavan (DFR), Dr. H.S. Mahesha Associate: Sri S. Bhaskar Naik
2	Br.9	Genetic improvement of FCV tobacco genotype Dr. K. Sarala, Dr. K. Prabhakara Rao Associates: Dr. C. Nanda, Dr. K. Gangadhara, Sri M. Srinivas, Sri K. Shravan Kumar, Smt. P. Srilakshmi, Sri A. Muthyam
3	JL.Br.2.1	Evolving flue-cured tobacco varieties having high yield and better quality suitable for NLS area of Andhra Pradesh Dr. K. Sarala, Dr. K. Prabhakara Rao Associates: Sri D. Durga Rao, Sri K. Giribabu, Sri K. Shravan Kumar
4	Biotech-13	Genome editing to reduce the Tobacco Specific Nitrosamines (TSNAs) towards the production of safer tobacco. Dr. K. Prabhakara Rao, Dr. K. Sarala, Dr. M. Sheshu Madhav, Dr. Anindita Paul Associates: Sri S. Bhaskar Naik, Sri K. Giribabu
5	Br.20	Augmentation, characterization, evaluation, conservation and documentation of tobacco genetic resources Dr. J.J. Rajappa, Dr. C. Nanda, Dr. S. Ramakrishnan, Dr. K. Gangadhara, Dr. K. Sarala, Dr. M. Venkatesan Associates: Dr. K. Prabhakara Rao, Dr. M. Sheshu Madhav, Dr. K. Rajasekhara Rao, Smt. B. Sailaja Jayasekharan, Smt. K. Santinandivelu, Sri P.Trinadh
6	CBBr-1	Genetic improvement of chilli types amenable for value added products and GI tagging of Durgada chilli Dr. B. Rajasekhar Reddy, Dr. M. Sheshu Madhav, Dr. H.S. Mahesha, Dr. K. Suman Kalyani Associates: Dr. K. Sarala, Dr. L.K. Prasad, Dr. Anindita Paul
7	ABrR-1	Genetic improvement of Ashwagandha for root yield and Withaferin A content Dr. B. Rajasekhar Reddy, Sri K. Viswanatha Reddy Associates: Dr. K. Sarala, Dr. P. Manivel, Dr. M. Sheshu Madhav, Dr. Anindita Paul, Dr. K. Suman Kalyani, Dr. H.S. Mahesha, Smt. K. Santinandivelu
8	KBr.6	Breeding FCV tobacco varieties for yield and quality characters under SLS conditions Dr. K. Gangadhara, Dr. M. Anuradha, Dr. J. J. Rajappa Associates: Dr. K. Sarala, Dr. C. Nanda, Smt. B. Sailaja Jayasekharan, Sri K. Vidyasagar
9	Br.19	Breeding for developing high yielding and /or disease resistance varieties/ hybrids and evaluation of advanced breeding lines of FCV tobacco suitable to Karnataka light soil (KLS) region Dr. C. Nanda, Dr. J.J. Rajappa, Dr. M. Mahadevaswamy, Dr. S. Ramakrishnan Associate: Dr. K. Gangadhara
10	B.50	Breeding non-FCV tobacco types for desirable traits Dr. K. Gangadhara, Dr. K. Sarala, Dr. P. Manivel, Dr. M. Kumaresan Associates: Dr. K. Prabhakara Rao, Sri M. Srinivas, Sri K. Shravan Kumar

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Sl. No	Institute Code	Title of the project and Investigator(s)
11	B.51	Breeding of chewing tobacco for yield, qualities and resistance to biotic stresses Dr. P. Manivel, Dr. M. Kumaresan, Dr. J.J. Rajappa, Dr. M. Venkatesan Associates: Dr. K. Sarala, Dr. K. Prabhakara Rao, Sri M. Karthik
12	ABrAV-1	Germplasm evaluation, value addition and development of good agricultural practices of Ashwagandha (<i>Withania somnifera</i> Dunal L.) Dr. P. Manivel, Dr. M. Kumaresan, Dr. B. Rajasekhar Reddy Associates: Dr. K. Sarala, Dr. K. Prabhakara Rao, Dr. Anindita Paul, Dr. L.K. Prasad, Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Smt. K. Santinandivelu, Sri M. Karthik, Sri V. Annadurai
13	CBrD-1	Genetic enhancement of chilli for nutraceuticals, value addition, commercial traits and resistance to biotic stress in Terai region of West Bengal Dr. Partha Saha, Dr. Namita Das Saha, Dr. Anindita Paul, Dr. K. Sarala, Dr. C. Nanda, Dr. K. Prabhakara Rao, Dr. M. Sheshu Madhav Associates: Ms. Nandita Sahana (UBKV), Sri K. Satayanarayana, Sri G.N.S. Ganesh
14	TBrD-1	Yield and quality improvement in turmeric through suitable varietal selection and propagules in Terai region of West Bengal Dr. Partha Saha, Dr. Namita Das Saha Associates: Dr. K. Sarala, Dr. T. Kiran Kumar, Dr. Anindita Paul, Sri Ram Krishna Sarkar (UBKV), Sri J.K. Roy Barman, Sri G.N.S. Ganesh
CROP MANAGEMENT		
15	A.87	Agronomic interventions for enhancement of high valued traits and farm income in commercial crops Dr. S. Kasturi Krishna, Dr. S.V. Krishna Reddy Associates: Dr. T. Kiran Kumar, Dr. J. Poorna Bindu, Smt. G.S.M. Annapoorna, Sri G.N.S. Ganesh
16	JLA-40	Agronomic Management Practices (Standardisation of Agro-techniques) for Higher Productivity, Resource Use Efficiency and value addition OF Turmeric (<i>Curcuma longa</i> L.) in irrigated Alfisols of Andhra Pradesh Dr. S.V. Krishna Reddy Associates: Dr. T. Kiran Kumar, Dr. S. Kasturi Krishna, Dr. J. Poorna Bindu, Sri Ch. Sudhakar Babu, Sri T. Ramesh
17	JLA-41	N and K nutrient use efficiency indices for FCV tobacco grown under drip fertigation in irrigated Alfisols Dr. S.V. Krishna Reddy, Dr. S. Kasturi Krishna, Dr. J. Poorna Bindu Associates: Sri Ch. Sudhakar Babu, Sri S. Simhachalam
18	A.88	Development of high value commercial crops based remunerative production systems through innovative approaches Dr. T. Kiran Kumar, Sri K. Viswanatha Reddy, Dr. S. Kasturi Krishna, Dr. K. Rajasekhara Rao Associates: Dr. J. Poorna Bindu, Dr. M. Sheshu Madhav, Sri Indrajeet Meena, Sri Ch. Sudhakar Babu, Sri S. Simhachalam, Sri A. Nageswara Rao, Sri K.V.N. Raju
19	A.89	Carbon sequestration potential and greenhouse gas (GHG) emissions in tobacco-based production systems through sustainable crop residue management Dr. T. Kiran Kumar, Dr. J. Poorna Bindu, Dr. K. Rajasekhara Rao Associates: Dr. M. Sheshu Madhav, Dr. L.K. Prasad, Dr. Anindita Paul, Dr. Dakshina Murthy, Dr. Ch. Sreenivas (ANGRAU), Sri Indrajeet Meena, Sri S. Simhachalam
20	A.106	Crop intensification for higher farm productivity in chewing tobacco growing areas. Dr. M. Kumaresan, Dr. S. Kasturi Krishna, Dr. P. Manivel, Sri V. Annadurai Associate: Dr. M. Sheshu Madhav

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21	A.10	Permanent manurial trial on Motihari tobacco Dr. Namita Das Saha, Dr. Partha Saha Associates: Dr L.K. Prasad, Dr. J. Poorna Bindu, Dr. K. Rajasekhara Rao, Dr. S.K. Dam, Sri J.K. Roy Barman, Sri. P Krishna
22	A.71	Development of efficient agronomic techniques for enhancing productivity and improving the quality of turmeric in the Eastern Himalayan zone Dr. Partha Saha, Dr. J. Poorna Bindu Associates: Sri J.K. Roy Barman, Sri Ramu Nambari
23	SS.36	Assessment of soil carbon mineralization and carbon stocks in tobacco and tobacco based cropping systems of different tobacco growing soils Dr. J. Poorna Bindu, Dr. T. Kiran Kumar, Dr. M. Anuradha Associates: Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Smt. K. Sridevi, Sri. K. Veeranna
24	E.88	Studies on the biology and management of cigarette beetle, <i>Lasioderma serricorne</i> Smt. B. Sailaja Jayasekharan, Dr. V. Venkateswarlu Associate: Sri Himanshu Yadav
25	E.89	Bioecology and management of insect pests in chillies Dr. V. Venkateswarlu, Smt. B. Sailaja Jayasekharan Associates: Dr. T. Kiran Kumar, Sri Ramu Nambari
26	E.90	Physical and chemical interactions of plants, pests and their natural enemies in commercial crops Dr. K. Rajasekhara Rao, Dr. V. Venkateswarlu, Smt. B. Sailaja Jayasekharan, Dr. Anindita Paul, Dr. S. Madhavan (DFR) Associates: Dr. J. Poorna Bindu, Sri Ramu Nambari, Sri Himanshu Yadav
27	E.91	Standardization of precise pesticide application utilizing Unmanned Aerial Vehicles (UAVs) for commercial crops Smt. B. Sailaja Jayasekharan, Dr. K. Rajasekhara Rao Associates: Dr. V. Venkateswarlu, Dr. L.K. Prasad, Dr. M. Sheshu Madhav, Sri T. Ramesh, Sri Himanshu Yadav
28	EG.18	Integrated management of chilli black thrips, <i>Thripsparvispinus</i> Karny Dr. P. Venkateswarlu, Dr. K. Rajasekhara Rao, Dr. V. Venkateswarlu, Smt. B. Sailaja Jayasekharan Associates: Sri M.V. Jayakrishna, Sri G. Srinivasa Rao
29	PP-80	Deciphering resistance mechanisms against Fusarium wilt and Black Shank diseases in tobacco Dr. H.S. Mahesha, Dr. S.K. Dam Associates: Dr. M. Sheshu Madhav, Dr. K. Prabhakar Rao, Dr. K. Rajasekhara Rao, Sri Pankaj Kumar
30	PPD-1	Screening for resistance against hollow stalk (<i>Erwinia carotovora</i> sub. sp. <i>carotovora</i>) in Motihari (<i>N. rustica</i>) tobacco germplasm accessions Dr. S.K. Dam, Dr. Namita Das Saha Associates: Dr. Partha Saha, Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Sri P. Krishna
31	PPD-2	In vitro efficacy study of Trichoderma isolates for the management of soil borne fungal diseases in Motihari tobacco (<i>N. rustica</i>) Dr. S.K. Dam Associates: Dr. Partha Saha, Dr. Namita Das Saha, Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Dr. P.M. Bhattacharjee (UBKV), Sri P. Krishna, Sri Pankaj Kumar

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32	NV-1	Development of a consortium of bio-agents for biotic stress management and nutrient supplementation Dr. M. Venkatesan
33	NV-2	Biotic stress management in Ashwagandha crop Dr. M. Venkatesan and Dr. P. Manivel
34	N.22	Integrated management of root knot nematode & disease complex in FCV to-bacco and tobacco based cropping system in KLS Dr. S. Ramakrishnan Associate: Sri Md. Shareef
35	N.23	Exploring certain millets as preceding rabi crops for FCV tobacco against root knot nematodes in light soils of Karnataka Dr. S. Ramakrishnan, Dr. T. Kiran Kumar Associate: Sri Md. Shareef
36	JMLN-1	Characterisation of economically important plant parasitic nematodes in FCV tobacco under NLS region of Andhra Pradesh Dr. M. Venkatesan, Dr. T. Sirisha (DFR) Associate: Dr. K. Rajasekhara Rao, Dr. J.J. Rajjappa, Dr. K. Prabhakar Rao, Dr. Ramakrishnan
POST-HARVEST & VALUE ADDITION		
37	CaVA-1	Development of laboratory level methods/techniques for the extraction of commercially viable bioactive compounds of castor oil Dr. L. K. Prasad, Dr. Anindita Paul, Dr. M. Anuradha, Dr. Namita Das Saha Associates: Sri N. Johnson, Sri K. Veeranna
38	OC-25	Pesticide residues in tobacco: Development of analytical methods and monitoring Dr. Anindita Paul, Dr. L.K. Prasad Associates: Dr. V. Venkateswarlu, Dr. K. Rajasekhara Rao, Sri N. Johnson, Sri A.S.S.R. Phani Kumar
39	ChVA-1	Chemoprofiling of dry chilli by unveiling nutraceutical potential utilizing green chemistry Dr. Anindita Paul, Dr. K. Suman Kalyani, Dr. L.K. Prasad Associates: Dr. T. Kiran Kumar, Sri N. Johnson, Dr. M. Sheshu Madhav
40	PHYK-3	Crop, water and post-harvest management strategies for enhancing farm income and export potential in rainfed ecosystem of Andhra Pradesh Dr. M. Anuradha, Dr. K. Gangadhara, Dr. Anindita Paul Associates: Dr. J. Poorna Bindu, Dr. L.K. Prasad, Smt. A. Divya, Sri K. Sudhakar
41	EVS-1	Microbes based technological intervention for growth, yield, quality improvement and disease suppression in chilli under Terai agro-ecological region of West Bengal, India Dr. Namita Das Saha, Dr. Partha Saha, Dr. J. Poorna Bindu Associates: Dr. L.K. Prasad, Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Dr. Anindita Paul, Dr. Somnath Mandal (UBKV), Sri P. Krishna
42	EVS-3	Climate resilient technological interventions for enhancing nutraceuticals and other commercial traits for enhancing net income from turmeric Dr. Namita Das Saha, Dr. Partha Saha, Dr. K. Suman Kalyani Associates: Dr. L.K. Prasad, Dr. M. Sheshu Madhav, Dr. Somnath Mandal (UBKV), Sri P. Krishna
43	Ag. Extn-53	A study on opportunities for product diversification in turmeric Dr. K. Suman Kalyani, Dr. Y. Subaiah Associates: Dr. M. Sheshu Madhav, Dr. L.K. Prasad, Dr. J. Poorna Bindu

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44	Ag.Extn-54	A study to explore post-harvest management opportunities for enhancing profitability in identified high value commercial crops Dr. Y. Subbaiah, Dr. B. Hema, Dr. K. Suman Kalyani Associates: Dr. S. Kasturi Krishna, Sri T. Venkatesh
45	ChVA-2	Development of value-added products through product diversification in chilli Dr. K. Suman Kalyani Associates: Dr. Namita Das Saha, Dr. Anindita Paul, Dr. L.K. Prasad, Dr. M. Sheshu Madhav
46	Ag.Extn-55	A critical analysis of farmer producer organizations for entrepreneurship in commercial crops Dr. B. Hema, Dr. Y. Subbaiah, Dr. H. Ravisankar, Dr. V.S.G.R. Naidu, Sri K. Viswanatha Reddy Associates: Dr. L.K. Prasad, Dr. M. Sheshu Madhav
47	ARIS-17	Data driven decision making on high value commercial crops Dr. H. Ravisankar, Dr. L.K. Prasad, Sri K. Viswanatha Reddy, Dr. T. Kiran Kumar Associate: Sri M.N.P. Kumar
48	Agri.Econ-II	Value chain analysis of high value commercial crops Mr. K. Viswanatha Reddy, Dr. B. Hema Associates: Dr. L.K. Prasad, Dr. M. Sheshu Madhav
Externally funded projects		
Sponsored Projects		
49.	PPV-FRA-2 (DUS)	Development of Distinctiveness, Uniformity and Stability (DUS) guidelines for FCV (Flue Cured Virginia) and <i>bidi</i> tobacco project Dr. K. Sarala, Dr. K. Prabhakara Rao, Dr. M. Sheshu Madhav Associate: Sri K. Shravan Kumar
50.	SP-GET-1	Enhancing climate resilience and ensuring food security with genome editing tools Dr. K. Prabhakara Rao, Dr. K. Sarala, Dr. M. Sheshu Madhav, Dr. Anindita Paul
51.	SP-BIS	Study on good agricultural practices for Flue Cured Virginia (FCV) and bidi tobacco Dr. M. Sheshu Madhav, Dr. S. Kasturi Krishna, Dr. M. Anuradha, Dr. Y. Subbaiah, Dr. T. Kiran Kumar
52.	SP-CSIR-1	Sustainable waste utilization of chilli pedicel in quest of nutraceuticalbased product Dr. Anindita Paul, Dr. M. Sheshu Madhav, Dr. L.K. Prasad, Dr. Y. Subbaiah, Dr. Supradip Saha (IARI), Dr. Aditi Kundu (IARI)
53.	SP-GPI-2	Genetic exploration to harness burley germplasm resources and breeding for water stress tolerance in burley tobacco Dr. K. Gangadhara, Dr. M. Anuradha, Dr. T. Kiran Kumar, Dr. M. Sheshu Madhav
54.	SP-ITC-2	Identification of molecular markers for accelerating the development of wilt resistant tobacco cultivars Dr. M. Sheshu Madhav, Dr. K. Sarala, Dr. K. Prabhakara Rao, Dr. C. Nanda, Dr. S. Ramakrishnan, Dr. S. Madhavan, Dr. H.S. Mahesha
55.	SP-ITC-3	Development of <i>Orobanche</i> resistant tobacco through multiomics strategy Dr. K. Sarala, Dr. K. Prabhakara Rao, Dr. M. Sheshu Madhav
56.	SP-ITC-4	Characterization and Assessment of Functional Capabilities of NLS Rhizo-Microbiome Dr. J. Poorna Bindu, Dr. M. Sheshu Madhav, Dr. Namitha Das Saha, Dr. H.S. Mahesha, Dr. S. Madhavan, Dr. K. Rajasekhara Rao

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57.	SP-TB-5	Evaluation of Bio-consortia for nutrient supplementation, nematode/ disease control for enhancing productivity and quality of FCV Tobacco in KL S region Dr.J.J. Rajappa, Dr. M. Mahadevaswamy, Dr. S. Ramakrishnan
58.	SP-TB-7	Comprehensive assessment of cost of cultivation of FCV tobacco in the KLS region of Karnataka Sri K. Viswanatha Reddy, Dr. M. Sheshu Madhav, Dr. L.K. Prasad
Contract Research Projects		
59.	CRP-1	Evaluation of Customized Fertilizers for FCV tobacco in NLS and SLS regions of Andhra Pradesh Dr. J. Poorna Bindu, Dr. M. Anuradha, Dr. M. Sheshu Madhav, Dr. S. Kasturi Krishna, Dr. D. Damodar Reddy
60.	CRP-2	Boron fortified Potassium Schoenite as source of potassium for FCV tobacco under rainfed (Karnataka) and irrigated conditions (Andhra Pradesh) Dr. J. Poorna Bindu, Dr. M. Sheshu Madha, Dr. S. Kasturi Krishna, Dr. B. Hema, Dr. D. Damodar Reddy
61.	CRP-3	Evaluation of Sulfentrazone 39.6% SC and Sulfentrazone 28% + Clomazone 30% WP herbicides for weed control in tobacco under Northern Light Soils (NLS) and Karnataka Light Soil (KLS) FCV tobacco growing region Dr. S. Kasturi Krishna, Dr. M. Mahadevaswamy, Dr. S. Ramakrishnan, Dr. T. Kiran Kumar
62.	CRP-4	Evaluation of Nano bio-tech capsules as biofertilizers for FCV tobacco in KLS and NLS Dr. J. Poorna Bindu, Dr. S. Ramakrishnan, Dr. M. Sheshu Madhav
63.	CRP-5	Evaluation of Imported Burley varieties and hybrid Dr. K. Sarala, Dr. K. Gangadhara, Dr. T. Kiran Kumar, Dr. L.K. Prasad, Dr. P. Venkateswarlu, Dr. M. Sheshu Madhav, Sri K. Viswanatha Reddy
64.	CRP-6	Bioefficacy of new generation combination insecticides – Emamectin benzoate 5% + Lufenuron 40% WG and Spiropidion 30% + Acetamiprid 24% WG against <i>Spodoptera litura</i> and <i>Bemisia tabaci</i> Dr. V. Venkateswarlu, Smt. B. Sailaja Jayasekharan, Dr. K. Rajasekhara Rao, Dr. S. Ramakrishnan, Dr. Anindita Paul, Dr. T. Kiran Kumar, Dr. M. Sheshu Madhav
65.	CRP-7	Evaluation of IFFCO Nano Urea and Nano DAP in FCV tobacco in Karnataka Light Soil (KLS) Dr. S. Ramakrishnan, Dr. S. Kasturi Krishna
66.	CRP-8	Evaluation of IFFCO Nano Urea and Nano DAP in FCV tobacco under Southern Light Soils of Andhra Pradesh Dr. M. Anuradha, Dr. S. Kasturi Krishna, Dr. L.K. Prasad, Dr. J. Poorna Bindu
67.	PPP-1	Research, development and promotion of specialty chemicals for effective control of suckers, growth promoters and also plant nutrient supplements to enhance the productivity Dr. L.K. Prasad, Dr. M. Anuradha, Dr. S. Ramakrishna, Dr. Anindita Paul, Dr. M. Sheshu Madhav
68.	Institute Corpus	District level analysis of Agricultural Sustainability in Andhra Pradesh Sri K. Viswanatha Reddy, Dr. M. Sheshu Madhav, Dr. L.K. Prasad