

List of Approved On-going Projects

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) and Dr. H.S. Mahesha Associate: Sri S. Bhaskar Naik
2.	Br.9	Genetic improvement of FCV tobacco genotype Dr. K. Sarala and Dr. K. Prabhakara Rao Associates: Dr. C. Nanda, Dr. K. Gangadhara, Dr. H.S. Mahesha, Sri M. Srinivas, Smt. P. Srilakshmi and 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 and Dr. H.S. Mahesha Associates: Sri D. Durga Rao and Sri K. Giribabu
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 and Dr. Anindita Paul Associates: Sri S. Bhaskar Naik and 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. H.S. Mahesha and 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 and Sri Ramu Nambari
6.	CBrR-1	Genetic improvement of chilli types amenable for value added products and GI tagging of Durgadachilli Dr. B. Rajasekhar Reddy, Dr. M. Sheshu Madhav, Dr. H.S. Mahesha and Dr. K. Suman Kalyani Associates: Dr. K. Sarala, Dr. L.K. Prasad and Dr. Anindita Paul
7.	ABrR-1	Genetic improvement of Ashwagandha for root yield and Withaferin A content Dr. B. Rajasekhar Reddy and Dr. P. Manivel Associates: Dr. K. Sarala, Dr. M. Sheshu Madhav, Dr. Anindita Paul, Dr. K. Suman Kalyani, Dr. H.S. Mahesha, Sri K. Viswanatha Reddy and 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 and Smt. B. Sailaja Jayasekharan
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. K.P. Raghavendra, Dr. S. Ramakrishnan and Dr. J.J. Rajappa Associate: Dr. K. Gangadhara, Sri K. Shravan Kumar and Sri B. Suresh Kumar
10.	BiotechH-1	Elucidating molecular & genetic determinants of <i>Nicotiana tabacum</i> to Root-knot nematode and black shank disease Dr. K.P. Raghavendra, Dr. M. Sheshu Madhav, Dr. S. Ramakrishnan, Dr. C. Nanda, Dr. H.S. Mahesha, Dr. K. Prabhakara Rao, Dr. J.J. Rajappa and Dr. K. Sarala Associates: Sri K. Veeranna, Sri Md. Shareef, Dr. S. Bhaskar Naik and Sri M. Suresh Kumar
11.	B.50	Breeding non-FCV tobacco types for desirable traits Dr. K. Gangadhara, Dr. K. Sarala, Dr. P. Manivel and Dr. M. Kumaresan Associates: Dr. K. Prabhakara Rao, Sri M. Srinivas and Sri K. Shravan Kumar
12.	B.51	Breeding of chewing tobacco for yield, qualities and resistance to biotic stresses Dr. P. Manivel, Dr. M. Kumaresan, Dr. J.J. Rajappa and Dr. M. Venkatesan Associates: Dr. K. Sarala, Dr. K. Prabhakara Rao and Sri M. Karthik
13.	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 and Dr. B. Rajasekhara Reddy Associates: Dr. K. Sarala, Dr. K. Prabhakara Rao, Dr. Anindita Paul, Dr. L.K. Prasad, Dr. J. Poorna Bindu, Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Smt. K. Santinandivelu, Sri M. Karthik and Sri V. Annadurai
14.	CBRD-1++	Genetic enhancement of chilli for nutraceuticals, value addition, other commercial traits in Terai region of West Bengal Dr. Partha Saha, Dr. Namita Das Saha, Dr. Anindita Paul, Dr. C. Nanda, Dr. K. Prabhakara Rao and Dr. M. Sheshu Madhav Associates: Dr. K. Sarala, Ms. Nandita Sahana (UBKV), Sri K. Satyanarayana and Sri G.N.S. Ganesh

15.	TBrD-1	Yield and quality improvement in turmeric through suitable varietal selection in Terai region of West Bengal Dr. Partha Saha and Dr. Namita Das Saha Associates: Dr. K. Sarala, Dr. T. Kiran Kumar, Dr. Anindita Paul, Sri Ram Krishna Sarkar (UBKV) and Sri G.N.S. Ganesh
CROP MANAGEMENT		
16.	A-87	Agronomic interventions for enhancement of high valued traits and farm income in commercial crops Dr. S. Kasturi Krishna and Dr. S.V. Krishna Reddy Associates: Dr. T. Kiran Kumar, Dr. J. Poorna Bindu, Smt. G.S.M. Annapoorna and Sri G.N.S. Ganesh
17.	A-90	Agronomic interventions for enhancement of nicotine content in burley tobacco Dr. S. Kasturi Krishna and Dr. S.V. Krishna Reddy Associates: Dr. T. Kiran Kumar, Dr. L.K. Prasad and Dr. J. Poorna Bindu
18.	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 and Dr. T. Kiran Kumar Associates: Dr. S. Kasturi Krishna, Dr. J. Poorna Bindu, Sri Ch. Sudhakar Babu and Sri T. Ramesh
19.	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 and Dr. J. Poorna Bindu Associates: Sri Ch. Sudhakar Babu and Sri Indrjeet
20.	JLA-42	Evaluation of alternative sources of potassium on productivity and quality of FCV tobacco in irrigated Alfisols Dr. S.V. Krishna Reddy and Dr. T. Kiran Kumar Associates: Dr. S. Kasturi Krishna, Dr. J. Poorna Bindu, Sri Ch. Sudhakar Babu and Sri T. Ramesh
21.	A-88	Development of high value commercial crops based remunerative production systems through innovative approaches Dr. T. Kiran Kumar, Sri K. Viswanatha Reddy and Dr. S. Kasturi Krishna Associates: Dr. J. Poorna Bindu, Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Sri Indrjeet, Sri Ch. Sudhakara Babu, Sri S. Simhachalam, Sri A. Nageswara Rao and Sri K.V.N. Raju

22.	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 and Dr. K. Rajasekhara Rao Associates: Dr. M. Sheshu Madhav, Dr. L.K. Prasad, Dr. Anindita Paul, Dr. Dakshina Murthy (ANGRAU), Dr. Ch. Sreenivas (ANGRAU), Sri Indrjeet and Sri S. Simhachalam
23.	A-106	Crop intensification for higher farm productivity in chewing tobacco growing areas Dr. M. Kumaresan, Dr. S. Kasturi Krishna, Dr. P. Manivel and Sri V. Annadurai Associate: Dr. M. Sheshu Madhav
24.	A-107	Enhancing the bio active components in Ashwagandha through Agronomic management Dr. M. Kumaresan, Dr. P. Manivel and Dr. S. Kasturi Krishna Associates: Dr. Anindita Paul, Dr. J. Poorna Bindu, Dr. M. Jeyabharathi (TNAU), Dr. K. Sujatha (TNAU), Sri V. Annadurai and Sri M. Karthick
25.	A.108	Evaluation of "sucker stop" – a new Suckericide on the sucker control efficiency, yield and quality aspects in chewing tobacco Dr. M. Kumaresan, Dr. P. Manivel and Dr. S. Kasturi Krishna Associates: Dr. L.K. Prasad, Dr. Anindita Paul, Sri V. Annadurai and Sri M. Karthick
26.	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 and Dr. M. Anuradha Associates: Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Smt. K. Sridevi and Sri K. Veeranna
27.	E.88	Studies on the biology and management of cigarette beetle, <i>Lasioderma serricorne</i> Smt. B. Sailaja Jayasekharan and Dr. V. Venkateswarlu Associate: Dr. K. Rajasekhara Rao and Sri A. Suresh Babu
28.	E.89	Bio-ecology and management of insect pests in chillies Dr. V. Venkateswarlu and Smt. B. Sailaja Jayasekharan Associates: Dr. T. Kiran Kumar and Sri Ramu Nambari
29.	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 and Dr. S. Madhavan (DFR) Associates: Dr. J. Poorna Bindu, Sri Ramu Nambari and Sri Himanshu Yadav

30.	E.91	Standardization of precise pesticide application utilizing Unmanned Aerial Vehicles (UAVs) for commercial crops Smt. B. Sailaja Jayasekharan and Dr. K. Rajasekhara Rao Associates: Dr. V. Venkateswarlu, Dr. L.K. Prasad, Dr. M. Sheshu Madhav, Sri T. Ramesh and Sri A. Suresh Babu
31.	EG.18	Integrated management of chilli black thrips, <i>Thrips parvispinus</i> Karny Dr. P. Venkateswarlu and Dr. V. Venkateswarlu Associates: Dr. K. Rajasekhara Rao, Smt. B. Sailaja Jayasekharan, Sri M.V. Jayakrishna and Sri G. Srinivasa Rao
32.	PP-83	Deciphering resistance mechanisms against Fusarium wilt and Black Shank diseases in tobacco and their management Dr. H.S. Mahesha and Dr. S.K. Dam Associates: Dr. M. Sheshu Madhav, Dr. K. Prabhakara Rao, Dr. K. Rajasekhara Rao and Sri Pankaj Kumar
33.	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 and Dr. Namita Das Saha Associates: Dr. Partha Saha, Dr. K. Rajasekhara Rao, Dr. H.S. Mahesha, Dr. M. Sheshu Madhav and Sri P. Krishna
34.	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. H.S. Mahesha, Dr. P.M. Bhattacharjee (UBKV), Sri P. Krishna and Sri Pankaj Kumar
35.	JMLN-1	Characterisation of economically important plant parasitic nematodes in FCV tobacco under NLS region of Andhra Pradesh Dr. M. Venkatesan and Dr. T. Sirisha (DFR) Associates: Dr. K. Rajasekhara Rao, Dr. J.J. Rajjappa, Dr. S. Ramakrishnan and Dr. K. Prabhakara Rao
36.	N.22	Integrated management of root knot nematode & disease complex in FCV tobacco and tobacco based cropping system in KLS Dr. S. Ramakrishnan Associate: Sri Md. Shareef
37.	N.23	Exploring certain millets as preceding rabi crops for FCV tobacco against root knot nematodes in light soils of Karnataka Dr. S. Ramakrishnan and Dr. T. Kiran Kumar Associate: Sri Md. Shareef

POST-HARVEST & VALUE ADDITION		
38.	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 and Dr. Suresh Associates: Sri N. Johnson and Sri K. Veeranna
39.	OC-25	Pesticide residues in tobacco: Development of analytical methods and monitoring Dr. Anindita Paul and Dr. L.K. Prasad Associates: Dr. V. Venkateswarlu, Dr. K. Rajasekhara Rao, Sri N. Johnson and Sri A.S.S.R. Phani Kumar
40.	ChVA-1	Chemoprofiling of dry chilli by unveiling nutraceutical potential utilizing green chemistry Dr. Anindita Paul, Dr. K. Suman Kalyani and Dr. L.K. Prasad Associates: Dr. T. Kiran Kumar, Sri N. Johnson and Dr. M. Sheshu Madhav
41.	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 and Dr. Anindita Paul Associates: Dr. J. Poorna Bindu, Dr. L.K. Prasad, Smt. A. Divya and Sri K. Sudhakar
42.	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 and Dr. Partha Saha Associates: Dr. L.K. Prasad, Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Dr. J. Poorna Bindu, Dr. Anindita Paul, Dr. Somnath Mandal (UBKV) and Sri P. Krishna
43.	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 and Dr. K. Suman Kalyani Associates: Dr. L.K. Prasad, Dr. M. Sheshu Madhav, Dr. Somnath Mandal (UBKV) and Sri P. Krishna
44.	Ag. Extn-53	A study on opportunities for product diversification in turmeric Dr. K. Suman Kalyani and Dr. Y. Subaiah Associates: Dr. M. Sheshu Madhav, Dr. L.K. Prasad and Dr. J. Poorna Bindu

45.	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 and Dr. K. Suman Kalyani Associates: Dr. S. Kasturi Krishna and Sri T. Venkatesh
46.	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 and Dr. M. Sheshu Madhav
47.	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 and Sri K. Viswanatha Reddy Associates: Dr. L.K. Prasad and Dr. M. Sheshu Madhav
48.	ARIS-17	Data driven decision making on high value commercial crops Dr. H. Ravisankar, Dr. L.K. Prasad, Sri K. Viswanatha Reddy and Dr. T. Kiran Kumar Associate: Sri M.N.P. Kumar
49.	Agri.Econ-II	Value chain analysis of high value commercial crops Mr. K. Viswanatha Reddy and Dr. B. Hema Associates: Dr. L.K. Prasad and Dr. M. Sheshu Madhav
50.	A-10	Permanent manurial trial on Motihari tobacco Dr. Namita Das Saha and 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 and Sri. P Krishna
Externally funded projects		
Sponsored Projects		
51.	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 and Dr. M. Sheshu Madhav
52.	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 and Dr. Anindita Paul

53.	SP-BIS	Study on good agricultural practices for Flue Cured Virginia (FCV) and <i>bidi</i> tobacco Dr. M. Sheshu Madhav, Dr. S. Kasturi Krishna, Dr. M. Anuradha, Dr. Y. Subbaiah and Dr. T. Kiran Kumar
54.	SP-CSIR-1	Sustainable waste utilization of chilli pedicel in quest of nutraceutical based product Dr. Anindita Paul, Dr. M. Sheshu Madhav, Dr. L.K. Prasad, Dr. Y. Subbaiah, Dr. Supradip Saha (IARI) and Dr. Aditi Kundu (IARI)
55.	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 and Dr. M. Sheshu Madhav
56.	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 and Dr. H.S. Mahesha
57.	SP-ITC-3	Development of Orobanch resistant tobacco through multiomics strategy Dr. K. Sarala, Dr. K. Prabhakara Rao and Dr. M. Sheshu Madhav
58.	SP-ITC-4	Characterization and Assessment of Functional Capabilities of NLS Rhizo-Microbiome Dr. J. Poorna Bindu, Dr. M. Sheshu Madhav, Dr. Namita Das Saha, Dr. H.S. Mahesha, Dr. S. Madhavan and Dr. K. Rajasekhara Rao
59.	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 and Dr. L.K. Prasad
60.	SP-DBT-1	Development of AI based Mobile Advisor for diagnosis of diseases in commercial crops and adaption of suitable measures to improve the precision Dr. H. Ravisankar, Dr. M. Sheshu Madhav, Mrs. M. Kamala Kumari, Dr. L.K. Prasad and Dr. H.S. Mahesha
61.	SP-TB-8	Introgression of root-knot nematode resistance into elite FCV tobacco variety through marker-assisted backcross breeding Dr. K.P. Raghavendra, Dr. M. Sheshu Madhav, Dr. S. Ramakrishnan, Dr. C. Nanda, Dr. K. Prabhakar Rao, Dr. J.J. Rajappa and Dr. K. Sarala

62.	SP-TB-9	Genotype identification and management of drought induced potassium stress tolerance in tobacco Dr. K. Gangadhara, Dr. M. Anuradha, Dr. K. Sarala, Dr. J. Poorna Bindu and Dr. M. Sheshu Madhav
63.	SP-TB-10	Efficacy of new fungicide molecules and management of black shank and brown leaf spot diseases of FCV tobacco in NLS region of Andhra Pradesh Dr. H.S. Mahesha, Dr. M. Sheshu Madhav, Dr. K. Rajasekhara Rao, Dr. Anindita Paul, Dr. S.K. Dam and Sri Pankaj Kumar
64.	SP-TB-11	Innovative farm machinery solutions for sustainable tobacco farming Dr. M. Sheshu Madhav, Dr. T. Kiran Kumar, Dr. M. Anuradha, Dr. L.K. Prasad, Dr. K. Rajasekhara Rao, Sri K. Viswanatha Reddy, Dr. S. Kasturi Krishna and Dr. Y. Subbaiah
65.	SP-GPI-3	Transforming burley tobacco: Achieving low TSNA through innovative genome editing and sustainable management Dr. K. Prabhakara Rao, Dr. K. Sarala, Dr. M. Sheshu Madhav, Dr L.K. Prasad, Dr Kasturi Krishna and Dr. Anindita Paul
66.	SP-GPI-4	Chloride management for sustainable tobacco development and the consultancy on sustainable burley tobacco production Dr. M. Sheshu Madhav, Dr. L.K. Prasad, Dr. K. Sarala, Dr. S. Kasturi Krishna, Dr. K. Prabhakara Rao, Dr. T. Kiran Kumar, Dr. J. Poorna Bindu, Dr. B. Hema, Dr. M. Anuradha and Dr. J.J. Rajappa
67.	NABARD-1	Strengthening the Chilli Farm Sector through Innovative Drying Interventions Dr. B. Hema, Dr. Y. Subbaiah, Dr. L.K. Prasad and Dr. M. Sheshu Madhav
68.	NABARD-2	Bolstering of Turmeric Farmers through Innovative Post-Harvest Processing Interventions Dr. L.K. Prasad, Dr. Y. Subbaiah, Dr. B. Hema and Dr. M. Sheshu Madhav
69.	SP-DS-1	Alleviation of TSNA in chewing tobacco: An innovative strategy through Genome Editing and sustainable management Dr. K. Prabhakara Rao, Dr. K. Sarala, Dr. M. Sheshu Madhav, Dr L.K. Prasad, Dr. S. Kasturi Krishna and Dr. Anindita Paul

Contract Research Projects		
70.	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 and Dr. T. Kiran Kumar
71.	CRP-4	Evaluation of Nano bio-tech capsules as biofertilizers for FCV tobacco in KLS and NLS Dr. J. Poorna Bindu, Dr. S. Ramakrishnan and Dr. M. Sheshu Madhav
72.	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 and Sri K. Viswanatha Reddy
73.	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 and Dr. M. Sheshu Madhav
74.	CRP-7	Evaluation of IFFCO Nano Urea and Nano DAP in FCV tobacco in Karnataka Light Soil (KLS) Dr. S. Ramakrishnan and Dr. S. Kasturi Krishna
75.	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 and Dr. J. Poorna Bindu
76.	CRP-9	Efficacy evaluation of Spirotetramat 150 G/L OD (Movento) on Tobacco crop Dr. V. Venkateswarlu, Dr. K. Rajasekhara Rao, Mrs. B. Sailaja Jayasekaran, Dr. S. Ramakrishnan, Dr. Anindita Paul, Dr. M. Venkatesan and Dr. M. Sheshu Madhav

77.	CRP-10	Bioefficacy of Pydiflumetofen 7.5% + Difenconazole 12.5% w/v (200 SC) against Brown Spot Disease of Tobacco Dr. H.S. Mahesha, H.S., Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Dr. S.K. Dam and Mr. Pankaj Kumar
78.	CRP-11	Evaluation of bio-efficacy of Cyclobutrifluram 45% w/v SC (450 SC) against Root-Knot Nematodes in Tobacco Dr. M. Venkatesan and Dr. M. Sheshu Madhav
79.	CRP-12	Evaluation of FIB-SOL microbial consortium for enhanced yield, quality and soil health of FCV tobacco Dr. J. Poorna Bindu, Dr. M. Sheshu Madhav, Dr. S. Kasturi Krishna, Dr. H.S. Mahesha and Dr. K. Rajasekhara Rao
80.	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 and Dr. M. Sheshu Madhav
81.	PPP-2	Investigation, facilitation and promotion of liquid petroleum gas as a fuel for curing FCV tobacco green leaf Dr. L.K. Prasad, Dr. Y. Subbaiah, Sri Y. Venkateswara Rao, Sri T. Ramesh, Sri Krishna Chandra and Sri Devanand
82.	PPP-3	Evaluation of customized drip fertigation solutions for enhanced yield and quality of FCV tobacco Dr. J. Poorna Bindu, Dr. M. Sheshu Madhav, Dr. S. Kasturi Krishna and Dr. K. Rajasekhara Rao
Corporate Social Responsibility		
83.	CSR- 1	Upliftment of Tobacco farmer ecosystem through IoTs and sustainable agricultural practices Dr. K. Rajasekhara Rao, Dr. M. Sheshu Madhav, Dr. J. Poorna Bindu, Dr. T. Kiran Kumar, Dr. Y. Subbaiah, Dr. H. Ravisankar, Smt. B. Sailaja Jayasekharan, Dr. H.S. Mahesha and Dr. S. Kasturi Krishna
84.	CSR- 2	Achieving Environmental Sustainability through Carbon Footprint Reduction and Enhanced Sequestration in FCV tobacco Dr. T. Kiran Kumar, Dr. M. Sheshu Madhav, Dr. K. Rajasekhara Rao, Dr. L.K. Prasad, Dr. M. Anuradha, Dr. S. Ramakrishnan, Dr. J. Poorna Bindu, Sri K. Viswanatha Reddy, Dr. B. Hema and Dr. Anindita Paul

85.	CSR- 3	Energy Saving Green Interventions for Curing FCV tobacco leaf Dr. L.K. Prasad, Dr. M. Sheshu Madhav, Dr. M. Anuradha, Dr. T. Kiran Kumar,
Institute Corpus Fund		
86.	NIRCA. CF-1	District level analysis of Agricultural Sustainability in Andhra Pradesh Sri K.Viswanatha Reddy, Dr. M. Sheshu Madhav and Dr. L.K. Prasad
87.	NIRCA. CF-2	Livelihood analysis of FCV tobacco farmers in Andhra Pradesh and Karnataka Dr. B. Hema, Dr. Y. Subbaiah, Dr. L.K. Prasad and Dr. M. Sheshu Madhav
88.	NIRCA- CSIO CF-3	Feasibility study on the development of a sensor to measure and classify Chilli hotness on Capsaicin content (in collaboration with CSIR-CSIO)