

**PROCEEDINGS OF THE RKVY-RAFTAAR 23RD STATE LEVEL
SANCTIONING COMMITTEE (SLSC) MEETING HELD ON
19.07.2021 AT 15:00 HRS. IN THE CHAIRPERSONSHIP OF THE
CHIEF SECRETARY, GOVERNMENT OF KARNATAKA, IN ROOM
NO.117 OF VIKASA SOUDHA**

NoRKVY/23RDSLSC/2021-22

Date:19.07.2021

The 23rd meeting of the State Level Sanctioning Committee (SLSC) of RKVY-RAFTAAR was held in the Chairpersonship of the Chief Secretary, Government of Karnataka, on 19th July 2021, in Vikasa Soudha, Room No.117, physically as well through video conference. The list of members and invitees physically present, and those who virtually joined the meeting is annexed.

The Commissioner for Agriculture welcomed the Chairperson and all SLSC members and invitees to the meeting.

With the permission of the Chair, the items listed in the agenda were taken up. The following is the record of the proceedings and decisions taken on it.

AGENDA SUBJECT - 1

**CONFIRMATION OF THE PROCEEDINGS OF SLSC MEETING ON
RKVY HELD ON 23RD FEBRUARY 2021**

The Commissioner for Agriculture informed that the proceedings of the State Level Sanctioning Committee meeting of RKVY held on 23rd February 2021 was circulated among all the member departments/institutions vide letter number RKVY/22nd SLSC/2020-21 dated 03.03.2021. Till date, except for what is detailed in the next paragraph, no objection to any of the part of proceedings nor any suggestion to amend any part of the proceedings has been received.

The Additional Chief Secretary and Development Commissioner and Chairperson of SLPSC has recorded in file number RKVY/SLPSC/2021-22 to incorporate in the decision of agenda subject number 9, the change of location of flower market from Byappanahalli to Bytarayanapura in the Agricultural Marketing department proposal.

The subject was discussed, and it was decided that the location of the flower market may be kept open as the site suited best for the project is still not finalized.

Decision: The record of proceedings of the State Level Sanctioning Committee meeting held on 23.02.2021 is confirmed with above amendment.

AGENDA SUBJECT - 2

ACTION TAKEN REPORT ON DECISIONS OF THE 22ND MEETING OF STATE LEVEL SANCTIONING COMMITTEE

The State Level Sanctioning Committee (SLSC) noted the action taken on actionable points of the 22nd SLSC meeting of RKVY held on 23.02.2021.

Decision: The Committee accorded approval for submission of the project "Construction of Flower market" with place of project to be decided later depending on the feasibility of location as covered in agenda subject number 1 above, and the project "Construction of modern Raitha Santhe at Yelahanka" to the Government of India.

(Action: Department of Agricultural Marketing)

AGENDA SUBJECT - 3

POST FACTO APPROVAL OF THE COMMITTEE FOR SANCTIONS ACCORDED BY THE CHIEF SECRETARY ON 01.06.2021 IN FILE NO. COA-HRD0RKVY/8/2021-RKVY- COMMISSIONERATE OF AGRICULTURE

The following approvals have been accorded by the Chief Secretary and Chairman of the SLSC on file-

- i) Revalidating and using the unspent balance of Rs.32.166 crore in 2021-22 {Annexure-A(i)},
- ii) Implementation of 65 projects {ongoing (26) and new projects (39)} amounting to Rs.206.28 crore for the year 2021-22 under RKVY-RAFTAAR {Annexure-A(ii)},
- iii) Implementation of RKVY Sub-schemes in 2021-22 {Annexure-A(iii)}, and,
- iv) Action plan of State Extension Work Plan for Rs.56.706 crore of ATMA Scheme for the year 2021-22 {Annexure-A(iv)}

Decision: The Committee accorded post facto approval for the above approvals given on file by the Chief Secretary, Government of Karnataka.

(Action: Concerned Departments and Institutions)

AGENDA SUBJECT - 4

IN PRINCIPLE APPROVAL OF PROJECTS RECOMMENDED BY GOVERNMENT OF INDIA FOR MODIFICATION AND PROJECTS PENDING FOR COMMENTS

The Committee noted that 20 projects amounting to Rs.51.37 crore have been recommended by the Government of India for funding after modifications suggested by them (**Annexure-B**) vide their letter No.1-12/2021-RKVY dated 03.05.2021 and that 81 projects amounting to Rs.172.47 crore approved in the SLPSC meeting were pending for comments by Government of India (**Annexure-C**).

Decision: The Committee in principle approved the 20 projects listed in Annexure B and 81 projects listed in Annexure - C, subject to clearance from Government of India. In case the fund requirement is more than the availability, the Additional Chief Secretary and Development Commissioner is authorized to decide on the order of preference for funding.

AGENDA SUBJECT - 5
RATIFICATION APPROVALS

A. Agriculture Department:

Decision: The Committee ratified utilisation of Rs.54.42 lakhs of unspent balance of the year 2019-20 project "Raitha Siri" for the project "Distribution of Tarpaulins" and the change of locations of three Raitha Samparka Kendra (RSK) buildings in the project "Construction of RSK Buildings" approved in the 19th State level sanctioning Committee.

(Action: Department of Agriculture)

B. Horticulture Department:

Decision: The Committee ratified the following inter-componential changes in the project "Upgradation of Training Centres"-

Project :- Upgradation of Training Centres (Rs. In lakhs)			
Sl.No	Components	Approved	Revised
A) Strengthening of Department Training Centres(Lalbagh, Iyanahalli, SomanahalliKaval, Rangasamudra, HosurSiddapur, Munirabad, Malavi, Chandrampalli, Gadag and Hidakal Dam)			
1	Hi-mast lighting	100.00	90.00
2	Innovative demonstrations like Automation, Hydroponics, Protected Cultivation, Vermi compost, etc.	50.00	38.44

3	Interactive Display System	120.00	31.50
4	Solar Lighting & Water heating system	60.00	50.57
5	Landscaping & Concept Gardening	5.00	4.50
6	Furniture & classroom infrastructure	60.00	50.00
7	Indoor Sports Centre	10.00	110.00
8	Mechanization	50.00	52.00
9	Computers, UPS, networking, etc	45.00	72.99
	Sub Total (A)	500.00	500.00
	B) Up gradation of Bijuvalli training Centre	400.00	400.00
	Grand Total (A+B)	900.00	900.00

(Action: Department of Horticulture)

AGENDA SUBJECT - 6

OTHER ISSUES WITH PERMISSION OF CHAIR

A. Karnataka Cashew Development Corporation, Mangalore:

Decisions:

i) The Committee approved utilization of Rs.35.00 lakhs for rejuvenation of 175 hectares of Cashew plantations out of the savings in component of construction of Seed Storage Centre in Puttur (Rs. 15.00 lakhs) and construction of Farmers Training Centre in Kumta (Rs. 20.00 lakhs) in the project titled "Assistance for revival of cashew plantations" sanctioned for Rs. 5.99 crore during 2020-21.

ii) The Committee approved the enhanced cost of the component "Creation of water resources" from Rs.20.00 lakhs to Rs.22.67 lakhs in the project "Revival of Cashew plantations".

(Action: Managing Director, KCDC)

B. Sericulture:

Decision: The Committee noted the remarks of the Commissioner for Sericulture and permitted withdrawal of proposal placed before it.

(Action: Commissioner for Sericulture)

C. Administrative cost:

Decision: The Committee permitted utilisation of 2% of the allocation as administrative cost in accordance with RKVY guidelines in 2021-22 authorizing the Commissioner for Agriculture for coordinating it.

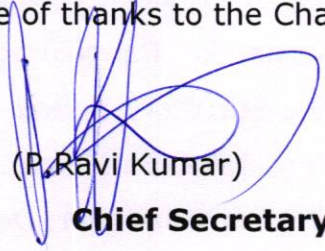
(Action: Commissioner for Sericulture)

Other important decisions taken by the Committee in the meeting:

1. All the projects are to be implemented in accordance with the Operational guidelines of RKVY-RAFTAAR, 2017-18 to 2019-20.
2. The observations/comments of respective divisions of Government of India, RKVY division and ICAR are to be complied. Revised DPRs should be submitted to Government of India and clearance should be obtained for the updated/revised DPR before implementation.
3. Cost norms and financial assistance in similar Government of India/State Government Schemes/Programmes should be followed.
4. While implementing the approved projects, there should not be any duplication of funds with the activities of any other schemes.
5. Implementing agencies of Infrastructure projects / civil works activities should provide plan details, drawings, cost estimates of the building.

6. To comply with the comments of Government of India on reasonableness of costing, all Implementing agencies should follow KTPP norms for the procurement.
7. As per the comments communicated by Government of India cost of various procurements have to be certified as reasonable by State Level Project Screening Committee (SLPSC). The implementing Departments/Institutions should take action in accordance with their respective project comments.

The meeting concluded with vote of thanks to the Chair.



(P. Ravi Kumar)

Chief Secretary

Government of Karnataka

List of Participants for the meeting of State Level Sectioning Committee(SLSC) on Rashtriya Krishi Vikas Yojana(RKVY) held on 19.07.2021.

1. The Chief Secretary, Government of Karnataka, Vidhana Soudha, Bangalore. In the Chair
2. The Additional Chief Secretary and Development Commissioner, Government of Karnataka, Vidhana Soudha, Bangalore.
3. The Additional Chief Secretary (Agriculture), Government of Karnataka, Bangalore.
4. The Principal Secretary(Horticulture and Sericulture), Government of Karnataka, Bangalore.
5. The Principal Secretary(Co-operation), Government of Karnataka, Bangalore.
6. The Secretary(Animal Husbandry and Fisheries), Government of Karnataka, Bangalore.
7. The Commissioner, Department of Agriculture, Bangalore.
8. The Additional Principal Chief Conservator of Forest (Social Forestry), Bangalore.
9. The Commissioner and Director of Sericulture, Bangalore.
10. The Commissioner, Watershed Development Department, Bangalore.
11. The Vice Chancellor, University of Agricultural Sciences, Dharwad.
12. The Deputy Commissioner (M&T), RKVY Division, Government of India, New Delhi.
13. The Director of Agriculture, Bangalore.
14. The Director of Horticulture, Bangalore.
15. The Director of Animal Husbandry and Veterinary Services Department, Bangalore.
16. The Director, Department of Agricultural Marketing, Bangalore.
17. The Director, Rural Development and Panchayat Raj, Bangalore.
18. The Director, Department of Fisheries, Bangalore.
19. The Director, Watershed Development Department, Bangalore.
20. The Director of Research, University of Agricultural Sciences, Bangalore.

21. The Director of Research, University of Agricultural Sciences, Dharwad.
22. The Director of Research, University of Agricultural and Horticultural Sciences, Shivamogga.
23. The Director of Research, University of Horticultural Sciences, Bagalakote.
24. The Director of Research, Central Coffee Research Institute, Balehonnuru, Chikkamagaluru district.
25. The Special Secretary, Finance Department, Government of Karnataka, Bangalore.
26. The Managing Director, Karnataka Cashew Development Corporation Ltd, Mangalore.
27. The Managing Director, Karnataka State Warehousing Corporation, Bangalore.
28. The Managing Director, Karnataka State Seeds Corporation Limited, Bangalore.
29. The Deputy secretary, Water resources Department, Bangalore.
30. The Registrar(Co-operation), Bangalore.
31. The Additional Director of Agriculture, Bangalore.
32. The Additional Director of Horticulture, Bangalore.
33. The Joint Director of Agriculture, Bangalore.
34. The Joint Director, Planning and Statistics, Bangalore.
35. The Nodal officer, Indian Institute of Horticulture Research, Bangalore.
36. The Nodal officer, Bio-innovation centre, Bangalore.
37. The Nodal officer, Central Food Technological Research Institute, Mysore.
38. The Nodal officer, National Dairy Research Institute, Bangalore.
39. The Nodal officer, Central Plantation Crops Research Institute, Vitla, Dakshina Kannada district.
40. The Assistant Director, Karnataka State Seed organic Certification Agency, Bangalore

ANNEXURE-A(i)

2020-21 Department wise/Institution wise Progress

(A) Regular RKVY		(Financial in Crore Rupees)				
Sl. No.	Name of the Department	Allocation	Release	Expenditure	% progress	Unspent balance
1	Agriculture.	95.426	81.17	72.77	89.651	8.395
2	Horticulture.	70.460	63.30	51.01	80.585	12.29
3	Animal Husbandry.	21.763	11.00	11.00	100	0.00
4	Sericulture.	21.080	9.94	4.91	49.396	5.032
5	Fisheries.	17.00	17.00	17.00	100	0.00
6	WDD.	79.413	48.50	45.69	94.206	2.825
7	Co-operation Department.	6.97	6.97	6.97	100	0.00
8	CFTRI, Mysore.	10.00	10.00	10.00	100	0.00
9	DCR, Puttur.	2.58	2.58	2.58	100	0.00
10	UAS, Bangalore.	4.89	4.89	4.89	100	0.00
11	UAS, Dharwad.	6.69	6.69	6.69	100	0.00
12	UAS, Raichur.	19.40	19.40	19.40	100	0.00
13	UAHS, Shivamogga.	4.35	4.35	4.35	100	0.00
14	UHS, Bagalkote.	10.69	10.69	10.69	100	0.00
15	KSSOCA.	1.50	1.50	1.50	100	0.00
16	KCDC, Mangalore.	5.99	5.99	5.99	100	0.00
17	Bio Innovation Centre, Bangalore	20.00	20.00	20.00	100	0.00
18	IIHR	4.61	4.61	4.61	100	0.00
	Total (A)	402.81	328.58	300.05	91.31	28.546

(B) Sub-schemes						
1	Reclamation of problematic (Saline and Alkaline) soils.	10.00	5.00	2.21	44.00	2.79
2	Pilot implementation of interventions for most vulnerable drought prone Districts (NRAA).	3.33	0.83	0.00	0.00	0.83
Total (B)		13.33	5.83	2.21	37.90	3.62
Total (A+B)		416.14	334.41	302.26	90.38	32.166

Annexure-A(ii)**Ongoing Projects approved in 22nd SLSC 2021 -22**

(Financial in Crore Rupees)

Sl. No	Project Name	Project cost
I	Agriculture Department.	
1	Strengthening Agri Extension system through RSKs - Demonstration, visual aid and documentation components.	2.08
2	Digitalization and ICT initiatives of Department of Agriculture.	5.00
3	Agro processing.	15.00
	Agriculture total.	22.08
II (4)	Sericulture Department - Reshme Samvrudhi Yojane for Doubling the Farmers income.	2.73
III	University of Agricultural Sciences, Bangalore.	
5	Development of demonstration and business model for soil-less agriculture production system at UAS, Bangalore.	0.750
	UAS, Bangalore Total.	0.75
IV	University of Agricultural Sciences, Dharwad.	
6	Development of liquid formulations of bio-pesticides for sustainable production of pulses.	0.09
7	Upgradation of small ruminant farm infrastructure at university of agricultural sciences, Dharwad and to evaluate the growth and breeding performance of Kenguri sheep breed in intensive vs semi-intensive management conditions.	0.11
8	Development of early maturing productive Pigeon-pea genotypes through participatory plant breeding approach.	0.05
9	Utilization of novel resistant rice landraces and improvement of mega variety bpt5204 (Samba Mahsuri) for sheath blight resistance through molecular breeding tools.	0.25
10	Utilization of immuno rapidot kit for early detection of viral diseases for effective management in crops.	0.15

11	Value Chain Management of Banana pseudo stem and Areca nut husk for textile application- An empowerment of SC/ST farm families through capacity building.	0.25
	UAS, Dharwad Total.	0.90
V	University of Agricultural Sciences, Raichur.	
12	Augmenting ground water quality and quantity by demonstrating artificial ground water recharge techniques in Kalyan Karnataka region.	0.63
13	Qualitative and quantitative determination of aflatoxin and antibiotic residues in agricultural commodities.	1.06
14	Empowerment of rural women and youth of Kalyan Karnataka region through mushroom production.	0.44
15	Centre for processing and value addition of horticultural produce of North-Eastern Karnataka for doubling of farmers income.	0.60
16	Development of solar powered onion curing and storage structures for enhancing shelf-life of onion and in-turn farmer's income in Kalyan Karnataka region.	0.80
	UAS, Raichur Total.	3.53
VI	University of Agricultural & Horticultural Sciences, Shivamogga.	
17	Development of fish farming technologies to enhance the fish production and productivity in acidic water bodies and disseminate the modules through farmer participatory process for large scale adoption in hilly zone.	0.339
18	Popularization of short duration and drought tolerant varieties to mitigate climate change effects and achieve sustainable groundnut production in central dry zone of Karnataka.	0.099
	UAHS, Shivamogga Total,	0.438

VII	Indian Institute of Horticultural Research(IIHR).	
19	Determination of optimum maturity grades and detection of fruit fly infestation and internal breakdown in mango using non-destructive image processing techniques.	1.67
20	Establishment of plant health clinic for the management of diseases of horticultural crops.	0.102
21	Dissemination of horticultural production technologies through integrated extension approach for enhancing livelihood of farming community.	3.00
22	Establishment of Centre of Excellence for entrepreneurship development and incubation in mushroom technologies.	0.36
	IIHR Total.	5.132
VIII	University of Horticultural Sciences, Bagalkot.	
23	Waste into Wealth: Conversion of expired pharmaceutical nutritional supplements into value added bioformulations and micronutrients.	0.07
24	Development of protocols for production of disease free planting material developed through tissue culture/vegetative propagation.	0.08
25	Biotechnological interventions in banana cv. Nanjanagudu rasabale (<i>Musa</i> Spp., AAB) for conservation and development of Fusarium wilt disease resistance.	0.06
	UHS, Bagalkot Total.	0.21
IX	DCR Puttur.	
26	Establishment of an exclusive 'Cashew Parlour' for creating awareness on value added products of cashew.	1.10
	DCR Puttur Total.	1.10
	Grand Total.	36.87

New Projects approved by Government of India for 2021-22

(Financial in crore Rupees)

Sl. No.	Name of the Project	Total Project cost proposed	Financial approval for the year 2021-22
I	Department of Agriculture.		
1.	Upgradation of District Agriculture Training Centre at Belathangady, Dakshina Kannada district.	2.12	2.12
2.	Upgradation of District Agriculture Training Centre, Kagathi - Chikkaballapur district.	3.20	3.20
3.	Replication and popularizing Integrated Farming System in agriculture lands of the State.	72.74	36.37
4.	Raitha siri programme.	20.00	10.00
	Agriculture Total (4 Projects).	98.06	51.69
II	Department of Horticulture.		
5.	Water harvesting structures for cultivation of horticultural crops.	25.00	20.00
6.	Replacement of polythene sheet and planting material under protected cultivation.	3.00	1.00
7.	Special interventions for quality production in horticulture crops.	47.50	32.00
8.	Incentives for post harvest management activities in horticulture (2021-22).	23.63	15.00
9.	Establishment of walk- in cold rooms in HOPCOMS, Lalbagh, Bangalore.	0.40	0.40
	Horticulture Total (5 Projects).	99.53	68.40

III	Department of Sericulture.		
10.	Package for enhancement of soil health – for quality and productivity.	3.00	1.50
11.	Assistance for trenching /mulching in mulberry gardens for seed farmers - pure bivoltine /pure multivoltine (Mysore seed area) farmers and bivoltine farmers of the cluster areas and bivoltine hybrid farmers of other areas.	2.00	1.00
12.	Supply of bamboo mountages (Chandrike) for pure Mysore seed rearers.	0.25	0.25
13.	Installation of incubation chamber at p1 grainages, Magadi and Kuduru, Magadi taluk, Ramanagara district and Government grainage, Chintamani, Chikkaballapur district.	0.26	0.26
	Sericulture Total (4 Projects).	5.51	3.01
IV	Co-operation Department.		
14.	Construction of building to run irrigation equipments and agri-inputs stores as well as to store agricultural produce and spices – Angod Yellapur taluk.	1.47	0.735
15.	Construction of building to store and process agricultural produce and spices – Bakkal, Sirsi taluk.	0.67	0.335
16.	Construction of building for processing and storing of agricultural produce and spices - Balesara, Sirsi taluk.	0.40	0.20

17.	Construction of building for storing of agricultural produce and spices and sale of agri-inputs – Bharathanahalli, Yellapur taluk.	1.27	1.27
18.	Construction of building for agri-inputs and grocery store and for processing, cleaning, grading, storing agricultural produce and spices- Nandana, Yellapur taluk.	1.51	0.755
19.	Construction of building for storing of agricultural produce and spices – Indoor, Mundgod taluk.	0.20	0.20
20.	Construction of building for storing agricultural produce and spices and organic manure production unit - Kanchikai, Uttar Kannada district.	0.50	0.50
21.	Creation of post harvest agri-infrastructure, primary processing and value addition - establishment of storage facility (godown) and weighment facility for agricultural produce at Medugondanahalli.	0.15	0.15
22.	Construction of building for processing, sorting and storing of agricultural produce and spices – Dasanakoppa, Sirsi taluk.	0.60	0.60
	Co-operation Total (9 Project).	6.77	4.75

V	Watershed Development Department.		
23.	Construction of Check dams in the years 2021-22 to 2023-24.	61.05	21.05
	WDD Total (1 Project).	61.05	21.05
VI	Indian Institute of Horticultural Research (IIHR).		
24.	Establishment of mycotoxin testing service facility.	0.65	0.65
	IIHR Total(1 Project).	0.65	0.65
VII	University of Agricultural & Horticultural Sciences, Shivamogga.		
25.	Establishment of seed hub for production and supply of quality seeds and planting material.	4.19	2.59
26.	Establishment of Gene bank center for documentation-cataloguing of rice germplasm and popularization of new red rice variety through farmers participatory programme.	1.00	0.91
27.	Development of different rearing systems for freshwater prawn and cards in seasonal water bodies of Shivamogga district.	1.20	0.40
	UAHS Shivamogga Total (3 Projects).	6.39	3.90
VIII	University of Agricultural Sciences, Bengaluru.		
28.	Establishing genomics-enabled next-generation breeding facility for development of climate resilient crop varieties.	2.04	1.22
29.	Establishment of advanced centre for skill development in mushroom production technologies.	1.28	0.96
	UAS, Bengaluru Total(2 Projects).	3.32	2.18

IX	University of Agricultural Sciences, Dharwad.		
30.	Augmenting quality seed production and seed supply through mechanization	1.30	0.74
31.	Development of low cost inocula consortia for yield enhancement in major crops of Northern Karnataka.	0.27	0.17
32.	Standardization and promotion of drip-irrigation and fertigation technology for maximised productivity in acid lime (<i>Citrus Aurantifolia Swingle</i>) under Northern Dry Zone of Karnataka.	0.20	0.17
	UAS, Dharwad Total (3 Projects).	1.77	1.08
X	University of Agricultural Sciences, Raichur.		
33.	Climate smart technologies for augmenting water and nutrient use efficiency in paddy ecosystem in UKP command area of aspirational district Yadgir.	0.92	0.46
34.	Establishment of fish seeds rearing centre, production and demonstration unit for export orient fishes to increase the economic status of small scale fish farmers.	1.10	0.86
35.	Promotion of sericulture as profitable and sustainable enterprise for the youth in Kalyan Karnataka region.	3.30	2.89
36.	Design refinement, adoption and popularization of machineries for crop residue management through resource conservation technologies.	1.94	1.40
	UAS, Raichur Total (4 Projects).	6.34	5.61

XI	University of Horticultural Sciences, Bagalkote.		
37.	Establishment of energy park at the CHEFT, Devihosur.	1.11	1.00
38.	Establishment of pilot scale demonstration and incubation centre for banana fibre extraction and processing.	1.70	1.30
	UHS, Bagalakote(2 Projects).	2.81	2.30
XII	Karnataka Cashew Development Corporation Ltd.(KCDC).		
39.	Revival of Cashew Plantations - (2021-22 and 2022-23).	8.35	4.79
	KCDC Total (1 Project).	8.35	4.79
	Grand Total (39).	300.55	169.41

Annexure - A(iii)

List of Sub-schemes and allocation for 2021-22

(Financial in crore rupees)		
Sl.No	Sub-scheme	Allocation
1	Crop Diversification Programme.	4.00
2	Reclamation of problematic (Saline and Alkaline) soils.	Not yet communicated. Approval subject to Government of India allocation.
3	Drought prone area(NRAA).	
4	Additional Fodder Development Programme.	
5	Animal Health scheme.	
6	Area Expansion of Cashew Cultivation.	

Rs.1.53 Crore action plan submitted by KCDC for Area Expansion of Cashew Cultivation. Further proposals submitted by Department of Horticulture and DCR Puttur also to be forwarded to Government of India.

Annexure - A(iv)

Action plan approval of State Extension Work Plan 2021-22 of ATMA Scheme.

S. No.	Activity Name	Physical Target	Financial Target (Rs. in Lakh)
1.	State Level Activities (For State level and SAMETI's activities).	11980	255.00
2.	District Level Activities (Farmers oriented activities).	181801	2142.24
3.	Innovative Activities at District Level (Support for Trg. Institutes and CRS).	203	134.00
4.	Innovative Activities at State Level (PGDAEM for Extension officers of the department).	100	15.00
5.	Innovative Technology Dissemination.	87	87.00
6.	Manpower Component (G).	761	3037.29
Total (1 TO 6).		194932	5670.53

Annexure- B

Projects recommended Government of India for modification.

(Financial in crore Rupees)

Sl. No.	Name of the Project	Total Project cost proposed	Financial allocation for the year 2021-22
I Department of Agriculture.			
1.	Construction of soil testing laboratories in Chikkaballapur and Gadag.	4.10	4.10
2.	Strengthening of seed testing laboratories (2021-22).	2.76	2.76
Agriculture Total (2).		6.86	6.86
II Department of Horticulture.			
3.	Establishment of new horticulture training centre and strengthening of existing training centres in Karnataka.	10.00	2.50
4.	Public Private Partnership for Integrated Horticulture Development (PPP-IHD).	2.50	2.50
5.	Development of mushroom spawn production units, creation of nursery infrastructure/hardening units and strengthening of irrigation/ water supply infrastructures of biocentres(2021-22).	3.00	1.60
6.	Establishment of mango and multi product primary processing and produce handling demonstration unit at Byrapatna Horticulture farm, Channapatna taluk, Ramanagara district."	10.00	10.00
Horticulture Total(4).		25.50	16.60

III	Department of Sericulture.		
7.	Strengthening and upgradation of p2 silk farm, K.P.Doddi, Ramnagara taluk and district.	1.00	1.00
8.	Installation of mini cold storage at basic seed farm (Mysore seed area) Bilidevalaya, Kunigal, taluk.	0.07	0.07
9.	Strengthening and upgradation of p1 grainage Kuduru, Magadi taluk.	0.56	0.56
	Sericulture Total(3).	1.63	1.63
IV	Watershed Development Department.		
10.	Karnataka Farmer Producer Organisation (FPO) (ongoing project).	15.06	9.74
11.	Public Private Partnership for Integrated Agriculture Development - PPP-IAD (Ongoing projects).	14.20	9.20
	WDD Total (2).	29.26	18.94
V	University of Agricultural & Horticultural Sciences, Shivamogga.		
12.	Development and popularization of endophytic plant growth promoting rhizomicrobial (EPGPR) consortia for the major crops of Southern Karnataka.	0.55	0.32
13.	Establishment of modern diagnostic soil salinity and irrigation water quality assessment laboratory for Bhadra CADA.	1.47	0.66
	UAHS, Shivamogga Total (2).	2.02	0.98

VI University of Agricultural Sciences, Bengaluru.			
14.	Establishment of high-throughput facility for prospecting trait-specific endophytes for mitigation of stresses in crops.	1.95	1.32
15.	Establishing molecular testing facility for plant diseases diagnosis at College of Agriculture, Hassan.	0.80	0.48
16.	Development of rapid and eco-friendly detection of multiple pathogens using the single isothermal platform device.	1.50	0.90
UAS, Bengaluru Total (3).		4.25	2.70
VII University of Agricultural Sciences, Dharwad.			
17.	Implementation of artificial intelligence technology to analyse the impact of covid-19 on physiological mindset and boost the indian economy with precision agriculture.	0.96	0.55
18.	Mass production and popularization of novel entomopathogenic fungi, <i>Metarhizium anisopliae</i> for management of root grub insect pests.	0.20	0.15
UAS, Dharwad Total (2).		1.16	0.70

VIII	University of Agricultural Sciences, Raichur.		
19.	Establishment, demonstration and popularization of low cost automated micro-irrigation and fertigation techniques to enhance water productivity in Kalyana Karnataka region.	2.51	1.23
20.	Establishment of Centre of Excellence on Plant Growth Promoting Micro organisms (PGPMs) for management of major diseases of pulses in Kalyana Karnataka.	1.96	1.73
	UAS, Raichur Total (2).	4.47	2.96
	Grand Total(20).	75.15	51.37

Annexure - C

Projects pending for comments by Government of India.

(Financial in crore Rupees)

Sl. No.	Name of the Project	Total Project cost proposed	Financial allocation for the year 2021-22
I	Department of Agriculture.		
1	Proposed construction of godowns RSK premises in the various districts under the state of Karnataka.	20.00	7.00
2	Strengthening of seed farm (2021-22).	8.05	4.05
	Agriculture total (2).	28.05	11.05
II	Department of Animal Husbandry.		
3	Pashu Bhagya : Animal induction scheme.	10.00	5.00
4	Fodder development programme	11.50	5.50
5	Strengthening of animal health services in Karnataka.	12.00	7.00
6	Strengthening of farmers training centers for skill development.	1.52	1.52
7	Research and extension projects of Veterinary University.	3.65	2.02
8	Comprehensive development of sheep and goat in Karnataka.	7.25	3.63
	Animal Husbandry Total(6).	45.92	24.67
III	Department of Fisheries.		
9	Upgradation of fish seed production farms in Bhadravati reservoir project.	10.00	3.00
10	Upgradation of fish seed rearing farms in Karnataka.	10.00	3.00
11	Upgradation of Government. aquarium at Cubbon park, Bangalore.	3.00	1.00

12	Assistance to farming of genetically improved fish varieties.	2.00	0.50
13	Assessment of production potential of RAS with different fish species and its economics.	1.17	0.92
14	Establishment of hatchery unit for Giant Murrel, Channamarulius and production of quality seeds for the farming communities of Karnataka.	1.05	1.05
	Fisheries Total(6).	27.22	9.47
IV	Directorate Of Cashew Research (DCR).		
15	Mechanization of pesticide and nutrient sprays in cashew orchards through drones.	0.83	0.73
16	Establishment of Centre of Excellence for profiling of bioactive components in cashew apple and nut.	0.95	0.95
17	Establishment of a Centre of Excellence needed for climate change resilience studies in cashew.	0.72	0.72
	DCR Total(3).	2.50	2.40
V	Environmental Management & Policy Research Institute (EMPRI).		
18	Centre for Excellence on agro-ecology and organic farming at EMPRI Bengaluru: focus on herbal pesticides and human nutrition.	5.54	2.70
19	Impact of climate change on select agricultural crops production and livelihoods in Karnataka.	2.41	1.16

20	Pathway towards agricultural sustainability for Karnataka.	0.31	0.19
21	Agri-farm tree support program for boosting Agroforestry in selected drought affected districts of Karnataka.	16.01	4.18
	EMPRI Total(4).	24.27	8.23
VI	Indian Institute of Horticultural Research (ICAR – IIHR).		
22	Centre for Excellence in genomic assisted selection for developing processing guava.	1.30	0.50
23	Propagation and distribution of elite lines of rose apple <i>Syzigium jambos</i> .	0.39	0.19
24	Off-season production of dragon fruit for doubling farmers income.	0.52	0.24
25	Scaling up the production of quality planting materials of jackfruit, tamarind and dragon fruit through farmer participatory approach.	0.98	0.50
26	Demonstration and popularization of superior <i>appemidi</i> mango for improving livelihood in rural areas of Karnataka.	0.22	0.08
27	Multiplication and demonstration of native ornamental plants for urban landscaping.	0.62	0.52
28	Strengthening infrastructure for quality seed production and distribution of ICAR-IIHR bred vegetable varieties to the farmers of Karnataka State.	4.40	4.40
	IIHR Total(7).	8.43	6.43

VII	Indian Institute Of Spices Research (IISR).		
29	Production and popularization of orthotropic shoots and bush pepper for increasing black pepper productivity.	0.62	0.62
30	Expansion of small cardamom cultivation in potential growing areas of Karnataka with advanced production technology.	0.44	0.44
31	Establishment of an advanced facility for production of beneficial micro flora for sustainable spice production in Malnad region.	1.51	1.10
	IISR Total(3).	2.57	2.16
VIII	National Dairy Research Institute(NDRI).		
32	Dairy entrepreneurship development among rural youth and women in aspirational districts of Karnataka State.	2.32	1.22
	NDRI Total(1).	2.32	1.22
IX	University of Agricultural and Horticultural Sciences, Shivamogga.		
33	Development of Integrated Farming System model for agriculture self sustainability in rainfed malnad regions of Karnataka.	0.88	0.53
34	Development of suitable IFFS modules for improving the income generation and livelihood activities of the rural farming community at hill zone of Karnataka.	3.44	1.25
35	Development and popularization of machine-harvestable Chickpea varieties to mitigate labor scarcity and enhance the income of dry-land farmers.	1.19	0.26
	UAHS, Shivamogga Total(3).	5.51	2.04

X	University of Agricultural Sciences, Bengaluru.		
36	Establishment of centre for studies on plant viruses: population structure, development of diagnostics and screening of germplasm for resistance source identification.	2.66	1.59
37	BEE-SMART: A revolutionary approach to digitalize beekeeping in Karnataka.	1.25	0.75
38	Mass production and utilization of Bio-control agents for the management of insect pests of Mulberry, <i>Morus alba</i> L. and Silkworm, <i>Bombyx mori</i> L. in Eastern dry zone of Karnataka.	0.87	0.52
39	Orchard floor management for nutritional security and doubling the farmers income through effective weed management technologies in major mango growing districts of Southern Karnataka.	0.68	0.40
40	Promotion of organic inputs on farmer's field and validation of liquid microbial consortia and bio pesticides.	0.40	0.24
	UAS, Bengaluru Total (5).	5.86	3.50
XI	University of Agricultural Sciences, Dharwad.		
41	Establishment of Integrated Farming System model for doubling the farmers income in Northern Karnataka.	0.50	0.34
42	Strengthening of Agribusiness and Export Knowledge Centre (ABEKC) at College of Agriculture, Dharwad.	0.50	0.09

43	Field demonstration of newly developed groundnut genotypes with resistance to foliar fungal diseases and high oleic acid content to replace TMV 2.	0.23	0.23
44	Documentation, collection, conservation, cultivation and value addition of native vegetables of Coastal Uttara Kannada.	0.45	0.17
45	Impact of quarantine, isolation and lock down due to covid-19 pandemic: coping with mental health issues of farmers, staff, and students of University of Agricultural Sciences, Dharwad.	0.23	0.23
46	Breeding and popularization of high yielding new varieties as dual purpose cowpea suited for paddy fallows, draw down cultivation and to develop lines tolerant to bruchids and dry root rot in cowpea.	0.13	0.07
47	Establishment of farmer friendly nursery unit for production of quality planting materials to promote horticulture business enterprise in Vijayapura district.	0.25	0.19
48	Establishment of a model bio-control unit for mass production and popularization of bio-pesticides for sustainable agriculture in Vijayapur district of Karnataka.	0.26	0.21

49	Development of artificial intelligence based smart phone app for the identification of commercially important timbers of the central Western Ghats through deep learning.	0.98	0.80
50	Production of bio-agents and microbial consortia for enhancement of agricultural crop yields.	0.25	0.25
51	Center of Excellence in Smart Agriculture (CESA) for fostering next generation agriculture.	51.20	25.60
	UAS, Dharwad Total(11).	54.98	28.18
XII University of Agricultural Sciences, Raichur.			
52	Establishment of bio-control laboratory for large scale production of quality biopesticides.	1.50	0.99
53	Economic empowerment and nutritional security through value addition of selected fruits, vegetables and grains grown in Ballari district.	1.08	0.85
54	Establishment of automotive rainout shelter unit for management of water logging stress in major crops of Kalyan Karnataka region.	1.40	1.25
55	Organic amendments for the effective control of nematodes to enhance farmer productivity and profit.	1.31	0.95
56	Beekeeping : A remunerative sustainable livelihood option for small and marginal farmers.	0.58	0.25

57	Establishment of new windows of Forage/fodder crop seed production centre, for Atmanirbhar farmers in Kalayan Karnataka region.	1.56	1.10
58	Guidance to farmers on comprehensive management of pests using eSAP platform.	4.63	1.71
59	Quantitative determination of bioproducts laced with chemical pesticides.	2.50	2.50
	UAS, Raichur Total(8).	14.56	9.60
XIII University of Horticultural Sciences, Bagalkote.			
60	Establishment of bio-control laboratory for pest and disease Management in vegetable and fruit crops.	1.44	0.59
61	Breeding and training hub for processing-ready tomato.	1.40	1.00
62	Establishment of processing center for horticultural commodities.	1.93	1.22
63	Intensification and expansion of onion seed production through farmer's participatory approach and doubling farmer's income in Northern dry zone of Karnataka.	5.46	3.36
64	Micro-irrigation in vegetable crops under protected cultivation.	1.50	0.75
65	Promoting use of bio-fertilizers and bio-control agents in major horticulture crops by establishing a mass production centre and field demonstrations.	2.20	1.92

66	Establishment of bio-resources complex through farmer participatory approach:opportunity for bio-intensive horticulture and value addition.	2.72	2.20
67	Strengthening of existing tissue culture facilities for ensured, enhanced and continues production and supply of good quality planting material for farmers of Uttara Kannada and adjoining districts.	0.99	0.84
68	Establishment of model vegetable grafting nursery for tackling soil related biotic and abiotic constraints in Karnataka.	1.32	0.32
69	Establishment of floriculture incubation center for dry flower making, value addition of fresh and used flowers.	4.75	2.80
70	Establishment of apiary unit, bee breeding, multiplication and capacity building of farmers for sustainable pollination in horticultural crops.	1.16	0.59
71	Establishment of Organic Farming Research Institute in horticulture crops for sustainability and doubling of farmer's income in Karnataka.	7.75	4.10
72	Development of technology for curing/drying of kharif onion immediately after harvest and storages.	2.57	2.34
UHS, Bagalkote Total (13).		35.19	22.03

XIV	Karnataka State Natural Disaster Monitoring Centre (KSNDMC).		
73.	Strengthening of 3131 telemetric rain gauges established at Gram Panchayat level in Karnataka State.	14.95	14.95
	KSNDMC Total(1).	14.95	14.95
XV	Karnataka State Seed And Organic Certification Agency (KSSOCA).		
74.	Promoting of seed and organic certification agency in the State.	1.50	1.50
	KSSOCA Total (1).	1.50	1.50
XVI	Karnataka State Warehousing Corporation (KSWC).		
75.	Providing basic infrastructure facilities to existing warehouses at various centres in the State.	64.51	16.00
	KSWC Total(1).	64.51	16.00
XVII	Central Coffee Research Institute(CCRI).		
76.	Supply of elite planting material of coffee for improvement of productivity and profitability of small holder farms in Karnataka.	5.55	4.30
	CCRI Total(1).	5.55	4.30
XVIII	Central Plantation Crops Research Institute (CPCRI).		
77.	Farmer participatory plant health management through use of biocontrol agents - An attempt for improving livelihood of arecanut-cocoa farmers in Karnataka.	1.31	1.22
78.	Environmentally sustainable livelihood management for areca- cocoa farmers of Karnataka-soil and plant health management approach.	1.45	1.24

79.	Establishment of a Centre of Excellence of biotechnology for arecanut and cocoa breeding.	0.70	0.70
80.	Establishment of a Centre of Excellence for early and rapid diagnosis of pest and diseases of arecanut based cropping system in Karnataka.	1.18	1.18
81.	Cocoa to chocolate-mini processing and incubation unit.	0.65	0.40
	CPCRI Total (5).	5.29	4.74
	GRAND TOTAL (81).	349.18	172.47