

Tamil Nadu Innovation Initiatives (TANII) 2015-16 (Second Round)
Minutes of the State Planning Commission on the appraisal of the Innovative proposals

“Tamil Nadu Innovation Initiative” has been established in the State Planning Commission and an “Innovation Fund” has been set up by restructuring the existing Part-II schemes from the financial year 2015-16. According to the procedure and process there will be two rounds of sanction of financing from the State Innovation Fund. The appraisal of first round proposals for the year 2015-16 has already been completed during the month of January 2015 and the shelf of recommended proposals forwarded to Government for approval.

2. Now, the second round of proposals received from the Government Departments has been appraised in the State Planning Commission in the meetings held between 26.05.2015 and 28.05.2015. During the second round appraisal meeting, the proposals which are not considered sufficiently beneficial have been weeded out and a shelf of recommended proposals prepared. The details of the decision / recommendation of the State Planning Commission are as follows:

I. Energy Department

Two proposals have been received from Energy Department for funding from the Innovative fund. After detailed discussion, two proposals are recommended with modification as detailed below:

1) *Transformer Insulation Preservation using “Innovative External Bellows”*

In this project TANGEDCO has proposed to provide “Transformer Insulation Preservation” using “Innovative External Bellows” in all the existing 900 Nos. 33 KV Power Transformers and 1600 Nos. 110KV Power Transformers in order to preserve the quality of oil and paper insulation and the other main components to enhance the life of these Transformers. It is stated that, moisture and oxygen entry, apart from temperature causes the deterioration of oil in the transformer and thereby reduces the life of the transformer and causes its premature failure. The new bellow scheme developed by the R&D wing of TANGEDCO prevents the entry of oxygen and moisture in the oil of the transformer in addition to the removal of the existing moisture from the solid insulation in a gradual

manner. The power interruption due to poor maintenance of Transformer are the public issue identified and this proposal, by providing the external bellows would make the transformer almost maintenance free. The total expenditure involved in this proposal is Rs.4.50 crores for the period of three years. The proposed innovation is use of new technology with cost effective maintenance of Transformers. The State Planning Commission after detailed examination considering the potential social / economic benefit decided to accept the proposal in principle. However recommended for funding in the first year only (i.e.) Rs.150.00 lakh.

2) *Retro filling of distribution class Transformers with bio – degradable, non flammable synthetic ester oil.*

In the present system, the Transformers are filled with mineral insulating oil which is the conventional Transformer oil. This conventional oil is bio non degradable and is flammable. The R&D wing of TANGEDCO has through its study has identified” the synthetic ester oil” as an alternative to the existing conventional oil. This synthetic ester oil is non flammable and bio degradable. This project is to replace the existing mineral oil with synthetic ester oil in 94 transformers in the thermal power stations, 6 transformers in hydro power stations and in 50 distribution transformers. The total expenditure involved is Rs.11.50 crores for a period of three years. The project proposal of TANGEDCO has been examined in detail in the meeting at State Planning Commission. It has been informed that 150 transformers are identified as hazardous as against 2 lakhs transformers. Therefore, the State Planning Commission has decided to agree for the Retro filling of 25300 litres of Synthetic Ester Oil at an approximate cost of Rs.150.00 lakh.

II. Adi Dravidar and Tribal Welfare Department

The proposal received from Adi Dravidar and Tribal Welfare Department for funding from the Innovative fund has been appraised and recommended with modification as detailed below:

3) *Hostel Management System*

In order to improve Hostel Management of the schools under Adi Dravidar & Tribal Welfare Department, it is proposed to install Biometric Devices and CCTV cameras in every hostel besides Broadband connectivity with Desktop. The Members during the discussion is of the view that an overall view needs to be taken in promoting school hostels. However, the State Planning Commission has agreed for the implementation of the proposed Hostel Management System in College Hostels. Therefore, the State Planning Commission, as a Pilot has accepted the implementation of the Hostel Management System in the colleges and recommended for the establishment of the Hostel Management System at one college hostel in each district at a total cost of Rs.35.00 lakh.

III. Planning, Development and Special Initiatives Department

The proposal received from Planning, Development and Special Initiatives Department for funding from the Innovative fund has been appraised as detailed below:

4) *Electronic Mode of Data Collection at the Field*

The project called “Electronic Mode of Data Collection at the Field” is proposed by Planning, Development and Special Initiatives Department and the total project cost is Rs.7.88 lakh. The proposal of PD&SI Department has been examined in detail in the appraisal meeting. Field level data collection is one of the major functions of the Evaluation and Applied Research Department. The E&AR Department is continuously engaged in evaluation of major schemes which involves voluminous data collection and therefore the department’s activities are to be modernised with latest techniques. The Department has to shift to the mode of mobile data collection rather than the obsolete conventional Mode. After detailed deliberation, the State Planning Commission has recommended the proposal of PD&SI Department at a total cost of Rs.7.88 lakh.

IV. Co-operation, Food and Consumer Protection Department

Two proposals received from Co-operation, Food and Consumer Protection Department for funding from the Innovative fund. After detailed discussion, one proposal is recommended with modification as detailed below:

5) *Establishment of 5 independent District Fora*

The State Consumer Disputes Redressal Commission, Chennai has been formed during the year 1991. Subsequently 20 independent District Consumer Dispute Redressal Fora and 5 Combined district Fora have been formed. The following 5 Combined District Forums are functioning in the State 1) Thanjavur and Pudukottai 2) Cuddalore & Villupuram 3) Vellore & Thiruvannamalai 4) Tirunelveli & Thoothukudi and 5) Sivagangai & Ramanathapuram. After the establishment of combined district fora, they are functioning with a single President and with separate Members for each district. There is no separate staff sanctioned exclusively for the combined District fora excepting one Junior Assistant and two Members. 20 independent district Fora were established and functioning. The present proposal is to create 5 more Fora. As per section 9(a) of Consumer Protection Act, 1986, it is a mandate for the Government to establish a District Forum in each district of the State. Establishment of the Fora is the mandatory statutory requirement and therefore there is no innovation / new thing in this scheme. Nearly 90% of the cost is towards the staff salary. As per the guidelines, expansion of existing programmes to cover additional areas will not be considered as innovation. Hence, the proposal has not satisfied the innovation criteria. The State Planning Commission has not recommended the proposal.

6) *Establishment of Solar Energy System at the Fair Price Shops, Godowns and at Modern Rice Mills.*

Co-operation, Food and Consumer Protection Department has proposed the project for the establishment of the Solar Energy System at 169 Fair Price Shops, 200 Godowns and at 21 Modern Rice Mills at a total cost of Rs.971.75 lakh to be funded from the Innovative Fund. The advantages

of having the Solar Energy System are stated as to ensure the supply of commodities to the consumers and to arrest the pilferage. The State Planning Commission, after detailed discussion suggested to do it in a phased manner. It has been agreed to implement it Initially in 70 selected godowns only and subject to the condition that the Tamil Nadu Civil Supplies Corporation has to establish that the Solar Energy System provided in the selected 70 godowns has actually arrested pilferage. The future expansion will depend on the evaluation by a competent authority after completion. The cost agreed for 70 godowns is Rs.273.00 lakh.

V. Agriculture Department

Six proposals have been received from Agriculture Department for funding from the Innovative fund. After detailed discussion, three proposals are recommended with modification as detailed below:

7) *Geophysical Survey*

Resistivity meters are being hired to the farmers under Micro Irrigation scheme and this instrument is used to locate suitable points for the construction of open well, bore well or tube well. In order to replace the old instruments in a phased manner six new computerized digital resistivity meters were purchased in the year 2012 and the instruments are working satisfactorily. Now it is proposed to purchase 10 new digital resistivity meters at a cost of Rs.25 lakh from the Innovative Fund. The proposal has been appraised by the State Planning Commission. The scheme proposed is to replace the existing machineries and there is no innovation/ new concept. This scheme has not satisfied the guidelines for funding under TANII. Therefore, State Planning Commission has not recommended this proposal.

8) *To Install Model Solar Power Plant without battery for a capacity of 32 KWp.*

To achieve the objectives stated in "Tamil Nadu Solar Energy Policy 2012, which was released by the Government, it is proposed to install Model Solar Power Plant in the O/o. The Chief Engineer, Agricultural

Engineering Department, Chennai to promote the awareness on usage of solar energy in an effective manner. The State shall provide 90% Central Financial Assistance (CFA) to be availed from MNRE as advance, as the CFA could be availed from MNRE as reimbursement after completion of project. The State Planning Commission has appraised the project in the meeting. The scheme is proposed to save the energy and proposed to create awareness among the public which will help in adaption of non-conventional energy sources. The State Planning Commission after detailed discussion has agreed the proposal considering the demonstration effect at the cost of Rs.24.80 lakh.

9) *Modernisation of Coimbatore Tractor Workshop*

Six numbers of Tractor workshops are available with Agricultural Engineering Department to attend the repair works of Land Development and Minor Irrigation Department. Coimbatore is one among the six workshops which was established in the year of 1951. There are two service connections in the workshop in which one service connection is catering the need of 15 number of various machineries. In this service connection, one Automatic Power factor control was fixed. For the other service connection, 5 number of welding machines are connected for which Automatic power factor was not connected because of the obsolete model (oil cooled transformer type) of available welding unit. Hence it is proposed to replace the available welding unit with 400 Amps welding rectifier. The scheme proposed to replace the existing machineries and there is no innovation/ new concept, this scheme does not comes under the purview of funding under TANII. The State Planning Commission has not recommended this proposal.

10) *Integrated Seed Production Hub for Southern Districts of Tamil Nadu.*

The total availability of seeds in millets, pulses and oilseeds do not meet the actual requirement of farmers especially in improved varieties because of shortage of labour and also the farmers selection criteria in choosing the varieties or hybrids of other states or regions of India, leading to decreased area of cultivation and ultimately the reduction in

SRR was noticed with respect to the state varieties or farm saved seeds. Tamil Nadu Agricultural University has proposed to establish an Integrated Seed Production Hub for Southern District of Tamil Nadu at the Agricultural College and Research Institute, Killikulam at a total cost of Rs.1300.00 lakh keeping in line with the Government initiative of doubling the food production and tripling the income of the farmers for the second green revolution in Tamil Nadu and also to meet the mandate and also to meet the requirement of seeds for the farmers for agricultural crops and also for horticultural crops and fruit seedlings. The State Planning Commission in its meeting has appraised the proposal in detail. The practical utility of the project viz. production and supply of good quality seed material both physical and genetic purity to the farmers will enhance the yield is taken into consideration and with a view to produce labelled seeds in major food crops viz. rice, millets, pulses and oil seeds, the proposal is approved as a whole subject to the funding of Rs.500.00 lakh from the Innovative Fund and the balance will have to be borne by the Tamil Nadu Agricultural University.

11) *Algae Cultivation in Polluted Cooum River Water for Treatment and Bio crude Production for Bio fuel Applications.*

The project at the total cost of Rs.2000.00 lakh proposed by Tamil Nadu Agricultural University is to provide a proof of concept, demonstrating the mass production of algae in the under-utilised water resources. This will form the basis for subsequent piloting and commercial implementation of algal bio fuel production. The major outcome of the project is to optimise mass cultivation of algae in Cooum river water, identify novel aspects in pond design and novel harvesting method using the principles of electro flocculation followed by dewatering, demonstrate the potential of mixed algal consortium for biodiesel production, etc. This project has been appraised by the State Planning Commission in the meeting. This research project, involves many institutions including ABAN (a private firm) and creation of infrastructure in private firm. This project being a Research oriented and its proposed expenditure exceeds Rs.10.00 crore for the first year. The State Planning Commission after detailed

discussions has suggested to discuss with Public Works Department officials and the officials of the Chennai River Restoration Trust (CRRT).

12) *Large Area Impact Demonstration of Fruit Flies Trapping Technology to minimize Yield Losses to Horticultural Farmers in Tamil Nadu*

The project called “Large Area Impact Demonstration of Fruit Flies Trapping Technology to minimise Yield Losses to Horticultural Farmers in Tamil Nadu” is proposed by Tamil Nadu Agricultural University at a total cost of Rs.977.76 lakh from the Innovative Fund. Fruit flies are a major constraint to improving the marketable yields, especially in mango, guava and cucurbit vegetable crops. The project has two major services namely operational research and farmer participatory technology benefit validation by working with model groups of growers. In this project, the proposal is for adopting a consumer-safe commodity for protecting of export focus crops from pest-fruit fly *by* empowering them with fruit fly tapping technology. The total project cost is Rs.9.78 crore for the period of three years out of which the recurring cost towards trap, honorarium, travel etc alone works out to Rs.8.83 crore. The State Planning Commission after detailed discussions has decided to implement the project with reduced area of 2000 hectares in Dharmapuri and Krishnagiri districts at a total cost of Rs.245.15 lakh for a period of three years.

VI. Animal Husbandry, Dairying and Fisheries Department

Three proposals received from Animal Husbandry, Dairying and Fisheries Department for funding from the Innovative fund. After detailed discussion, one proposal is recommended with modification as detailed below:

13) *Establishment of Bio-Safety Level-III (BSL-III) Laboratory*

This proposal called “**Establishment of Bio-Safety Level-III (BSL-III) Laboratory**” was previously appraised by the State Planning Commission. The zoonotic and economic implications of avian influenza outbreaks can affect the poultry farmers severely. In order to have the

BSL-III laboratory facilities for research activities to develop newer and better detection methods and prophylactic measures against some of the high risk category organisms, the Tamil Nadu Veterinary and Animal Sciences University has proposed this project and the absence of BSL-III lab facility in the State is the lacuna identified as the public issue / problem in this project. The SPC while appraising the proposal earlier has suggested that this project can be developed as a business model and accordingly recommended that if the university is capable of commercialisation in future the governance mechanism regarding, how the University is going to market it and how much revenue is to be contributed to State exchequer, needs to be worked out besides, the manpower requirement be done by redeployment from the university. In accordance with this suggestion the Animal Husbandry Department was requested to rework the proposal and revert back. Accordingly, the Animal Husbandry Department has revised the proposal as appraised by the SPC earlier with the Business Model Governance and the revenue is to be shared as 80:20 basis. The State Planning Commission has recommended the proposal for the establishment of the bio safety level – III (BSL-III) lab at a total cost of Rs.1275.00 lakh subject to the condition that 20% of the revenue earned through this Laboratory should be remitted to the Innovative Fund of the State.

14) *Cage Culture of Fin Fishes*

The proposal is at a total cost of Rs.516.79 lakh to maximise fish production from an unit area and to generate maximum income to the fish farmers. The Government has already implemented similar projects under various State, Centre and Centrally Sponsored schemes. The State Planning Commission finds no innovation in this project which is an ongoing scheme and therefore not recommended this proposal.

15) *Ornamental Fish Culture*

This project is proposed at a total cost of Rs.136.54 lakh for production and marketing of Ornamental fishes. This project is an existing ongoing scheme. The State Planning Commission after detailed discussions has not recommended this proposal.

VII. Health and Family Welfare Department

Eighteen proposals received from Health and Family Welfare Department for funding from the Innovative fund. After detailed discussion, one proposal is recommended with modification as detailed below:

16) Establishment of Molecular Diagnostic Laboratory at the Institute of Child Health and Hospital for Children at Egmore.

The inherited metabolic disorders contribute to the mortality and morbidity of neonates and young children. Therefore, Health and Family Welfare Department has proposed for the establishment of a Molecular Diagnostic Laboratory at the Institute of Child Health and Hospital for Children, Egmore for identification of children with inherited metabolic disorders for their appropriate treatment, prognosis and genetic counselling. The proposal requires full time clinical geneticist, trained personnel in PCR Techniques and Microarray, support staff for receiving, labelling and giving out reports and equipments. The proposal has been appraised by the State Planning Commission. Due to lack of facilities, diagnosis of inherited metabolic disorders is very low and many treatable causes of metabolic disorders lead to mortality for want of special investigations and therefore, the State Planning Commission has recommended the machinery component of the proposal at a total cost of Rs.204.10 lakh. Further, the Department of Differently Abled has proposed for the project at a cost of Rs.97.90 lakh for the welfare of mentally retarded's intervention at appropriate time so that the mentally retarded children be mainstreamed to the normal stage. The State Planning Commission, after detailed appraisal, has accepted the proposal in principle and recommended that this project can be implemented by the Health and Welfare Department. Accordingly, an amount of Rs.302.00 lakh has been recommended for both the schemes (Rs.204.10 lakh + Rs.97.90 lakh).

17) Web Based Epidemic Prone Infections Diseases Notification System

In order to ensure the availability of quality data for monitoring the trends and forecasting out breaks and policy formulation for infectious disease control programme, it is proposed to develop a customised web based epidemic prone infectious diseases reporting systems in 12 Corporations. It is stated that this robust surveillance system is proposed based on the lessons learned from the Integrated Disease Surveillance Programme (IDSP). The State Planning Commission in its meeting appraised the proposal in detail. The Public Health Surveillance is the existing ongoing programme and even though it is mandatory for any practioner to give information on the communicable diseases, it is stated that the current system of Surveillance system could not capture all the cases that are to be reported leading to under reporting. However, it is not established in clear terms that how the proposed system is going to address the lacuna in the existing system. The total project cost is stated as Rs.598.00 lakh which includes Rs.90.00 lakh towards salary cost. Even in the proposed scheme which is the improved version of the existing Integrated Disease Surveillance Programme (IDSP), it is not established that the proposed system could capture all the cases that are to be reported. Therefore the main lacuna may still exist that leading to under reporting. Hence, the State Planning Commission has not recommended this proposal.

18) Intensive Awareness Creation

Health Department has proposed to create awareness in the community to reduce Mosquito Born Infection by involving Self Help Groups, School Children and Community Volunteers in Madurai, Tirunelveli, Coimbatore, Tiruppur, Chennai, Trichy and Salem. Creation of 75 posts of Junior Entomologist, 75 posts of Driver and purchase of 75 jeeps besides purchase of Laptop, LCD, IEC materials are involved in this proposal. The total expenditure involved in this proposal is Rs.23.75 crores which is not in accordance with the guidelines. The proposal involves no

innovation and therefore the State Planning Commission has not recommended this proposal.

19) *Village Health Nurses Training in Hilly Areas*

The Village Health Nurses posted in Hilly Areas and Remote Areas moves to plain and therefore the vacancies always exists in Hill and Remote areas. Therefore Health Department has proposed to recruit Village Health Nurses from the Hill and Remote areas itself so that they will not seek transfer to plains. It is purely a recruitment policy. Health Department may have no objection for adopting separate recruitment policy for Hilly and Remote areas by suitably amending the adhoc / special rules applicable to the post of Village Health Nurses. This proposal need not be considered under TANII and State Planning Commission has not recommended this proposal.

20) *Automation of outpatient inpatient treatment in PHCs (Pilot basis in 5 selected blocks of 5 HUDs – Total 25PHC @ 5 PHC in each block)*

Health Department has proposed to computerise all the activities done at 25 Primary Health Centres to have effective monitoring at a total cost of Rs.770.93 lakh from the Innovative Fund. The breakup of the expenditure is towards purchase of Computer, Server, UPS, Printer, Networking, IT Co-ordinator Salary and data recharges only. Office automation cannot be considered as an innovation and therefore State Planning Commission has not recommended this proposal.

21) *Corpus Fund for interest free loans for purchase of two wheelers for field health functionaries*

The project proposed to provide mobility support to the field health functionaries by giving them interest free loan to buy a two wheeler. The proposal is for creating a revolving fund with a corpus of Rs.5.00 crores, using which interest free loans will be given to male and female field health functionaries. This cannot be considered as innovative and the State Planning Commission has not recommended this proposal.

22) Replacement of new vehicles for the condemned vehicle to the office of the District Joint Director of Health Services

Purchase of new vehicle in lieu of condemned vehicles are allowed as Part-I regular scheme and therefore need not be considered under innovative fund. The State Planning Commission has not recommended this proposal.

23) Provision of Digital X-ray unit in Taluk Hospitals

Providing digital x-ray unit to Government Hospital cannot be considered as innovation and therefore State Planning Commission has not recommended this proposal.

24) Provision of colour copier and duplicator to the Directorate.

The scheme is to provide colour copier and duplicator to provide ATR, Inspection reports etc to CM cell, Secretariat, for circulation to the second level officers and to all subordinate officers, sections etc. This is not innovative in nature and therefore State Planning Commission has not recommended this proposal.

25) Provision of cell phones to all Administrative Officers working under the control of Directorate of Medical & Health Services

This proposal has not satisfied the guidelines for consideration under TANII and therefore State Planning Commission has not recommended this proposal.

26) Construction of separate administrative block in Tiruchy & Vellore

The scheme is to provide separate administrative block with adequate facilities. The State Planning Commission has not recommended this proposal as this is not innovative in nature.

27) Replacement of Computers and Printers in DMRHS

No innovative element in this proposal and has not satisfied the guidelines. Therefore, State Planning Commission has not recommended this proposal.

28) *Purchase of new tools against the condemned tools.*

The scheme is to provide few advanced tools and latest technology equipments/ machineries for serving and repairing the new generation vehicles at a cost of Rs.14.00 lakh for 7 workshops. The State Planning Commission has not recommended this proposal since modernisation cannot be termed as innovative.

29) *Purchase of One Server for TN Health Transport Department*

The State Planning Commission has not find any merit on this proposal for consideration under TANII and therefore not recommended this proposal.

30) *Purchase of computers and colour printers*

The scheme is to provide 28 computers with accessories and 2 colour printer for the department to implement web pay roll. This is not innovative in nature and therefore State Planning Commission has not recommended this proposal.

31) *Pain and Palliative care*

As per Government of India guidelines, the State's are to include Palliative care proposals / activities in the supplementary PIP. The activities are incorporated in the Government Health Programmes such as National Programme for Prevention and Control of Cancer, Cardiovascular Disease, Diabetes etc., with the aim to improve the capacity to provide Palliative Care Services. The Health and Family Welfare Department has proposed to establish Palliative Care Services in 10 District Head Quarters Hospitals at a total cost of Rs.753.80 lakh under TANII. The proposal involves the creation of one post of Consultant, one post of Advisor at the State Level. It also involves the creation of 10 posts of Medical Officer, 40 posts of Staff Nurse and 40 posts of Sweeper / Attendant. The total cost is Rs.753.80 lakh for one year only. In as much as the activities of Pain and Palliative Care are the ongoing projects from the year 2012 totally covering 169 Panchayats and now the proposals is to further expand the same. As per the

guidelines issued in G.O.124, dated: 24.10.2014, repetition of existing programmes or expansion of existing programmes to cover additional areas or target populations will not be considered as innovative. Therefore, State Planning Commission has not recommended this proposal.

32) *Anaemia control among Adolescent girls and pregnant women using behaviour change communication as a strategy.*

This proposal of Health and Family Welfare Department at a total cost of Rs.456.59 lakh is being considered by State Planning Commission. However, on appraisal it is found that no detailed proposal available. The appraisal format of the District Collector alone is available and therefore SPC is not in a position to appraise the proposal.

33) *Establishment of larvivorous fish hatcheries in malaria endemic PHCs for reduction of morbidity*

The project is an exclusive scheme for Malaria control in the coastal villages of Ramanathapuram at a total cost of Rs.342.38 lakh. However, no detailed proposal is received. The appraisal format of the District Collector, Ramnad alone is available. Hence, State Planning Commission is not be in a position to appraise the same.

VIII. Welfare of Differently Abled Persons Department

Five proposals received from Welfare of Differently Abled Persons Department for funding from the Innovative fund. After detailed discussion, One proposal is recommended for the implementation by the Health and Family Welfare Department with modification as detailed below:

34) *An Integrated Working model to identify, prevent and set base for neglected paediatric disorders – care of Duscentre Muscular Dystrophy (DMD)*

The proposal called “An Integrated Working model to identify, prevent and set base for neglected paediatric disorders-care of Duscentre Muscular Dystrophy (DMD) is submitted by Molecular Diagnostics,

Counselling, Care and Research Centre (MDCRC) at a total cost of Rs.23.80 crores to be funded from the Innovative Fund as an Innovative Initiative. The Molecular Diagnostics, Counselling, Care and Research Centre (MDCRC) is an NGO approved by Government as a referral centre for Genetic Diagnosis for DMD of SMA disorders. Identification and prevention of Paediatric Duchanne Muscular Dystrophy (DMD) has already been implemented as a pilot under NRHM in the districts of Coimbatore, Erode, Thiruppur and Salem in 2011-12 and this project was expanded further in 2013 to another three more districts of The Nilgiris, Namakkal, Karur and Government recognised Hospitals at Chennai. Now the NGO has proposed that the following components be taken up under DMD by the NGO itself viz. i) Training and quick confirmation of DMD, ii) Identification, iii) Carrier analysis and Genetic Counselling, iv) IEC activities, v) Clinical Care, vi) rehabilitation, vii) Ayurvedic Therapeutic and viii) registry.

The proposal of NGO for funding from TANII has been discussed elaborately by the State Planning Commission in the appraisal meeting. The Health and Family Welfare Department has already informed to the State Planning Commission that the Government of India's funding for the continuance of the scheme under NRHM already implemented as a pilot in 7 districts is expected and these components proposed by the NGO can be incorporated in the schemes under NRHM. Further, Health and Family Welfare Department is firmly of the view that the entire project has to be integrated with the health systems and Government medical institutions so that the long term sustainability can be ensured. Health and Family Department has already agreed to integrate with the ongoing Government of India scheme under NRHM of the components i, ii & v besides dovetailing the IEC activities with the ongoing IEC programmes. It is also stated by Health and Family Welfare Department that staffs available with the Ayurvedic Hospitals can be given orientation training for treating DMD/ SMA patients. As per the guidelines, total funding to NGO under TANII is not permissible. Instead part funding by the NGO is insisted, provided that the involvement of the NGO would enhance the better implementation. Further evaluation by an

independent third party agency is obligatory in respect of projects executed in collaboration with NGOs of repute. Therefore, the State Planning Commission after detailed discussion has requested the Health and Family Welfare Department and the Department of Differently Abled to come up with their suggestion for accommodating the different components with the ongoing scheme.

35) *Introduction of Audio Alert Systems in buses for visually impaired*

This proposal aims to establish an Audio Alert system for the visually impaired persons who would gain confidence while travelling at a total cost of Rs.9.51 lakh. The State Planning Commission after detailed deliberation has not recommended this proposal.

36) *Prevention and intervention of persons with Mental retardation (PIPMR)*

The proposal deals with the welfare of mentally retarded. If intervention is done at appropriate time the mentally retarded children may be mainstreamed to normal stage. This project aim to cover 100% screening of all babies within two weeks of age. This pilot study as a first phase, during 2015-2016 would cover 4 districts viz., Chennai, Ariyalur, Namakkal and Sivagangai estimating 1,10,000 babies. On studying the impact, this could be replicated all over Tamil Nadu. This project estimates totally 220 affected babies for intervention and follow up. The project will be implemented by SCDA with Fetal Care Research foundation, Chennai. Field level screening, confirmative test, confirmative screening and training the VHNs would be carried out by Fetal Care Research foundation, Chennai. The total project cost proposed is Rs.97.90 lakh. The proposal has been appraised by the State Planning Commission in detail and decided to accept it in principle. The State Planning Commission recommended that this project can be implemented by the Health and Family Welfare Department. Accordingly, the proposed amount of Rs.97.90 lakh has been included in Health and Family Welfare Department's approved proposal titled "Establishment of Molecular Diagnostic Laboratory at Institute of Child Health and Hospital for Children at Egmore".

37) AVAZ - A project for Augmentative and Alternative Communication, Communication kit materials for intellectually challenged

To address the needs of intellectually challenged persons affected with Autism, Cerebral palsy etc) particularly to facilitate communication and education, a hi-tech device namely an iPad with software AVAZ to facilitate speech and communication has been developed. It was developed in 2009 by Invention lab, IIT Madras. AVAZ training is available in English, Tamil and Hindi. This may be utilized in early intervention centers, Mobile Therapy units, and Training centers and provided to children. As an initial step, this may be provided to 600 persons at a total cost of Rs.144.00 lakh. The State Planning Commission has suggested to consider it as a pilot at a reduced cost and accordingly this project has to be revised and reworked.

38) Inclusive Education programme

The project at the total cost of Rs.10.40 lakh aims to disseminate the best practices in inclusive programme and to suggest various programmes to be followed as in the Deno's Cascade system. Best practices in the inclusive programme have not been documented and disseminated so far. The State Planning Commission after detailed discussion is of the view that this is a study project and therefore funding can be considered under the regular budget of State Planning Commission. Hence, this proposal not recommended under TANII.

IX. Revenue Department

Three proposals received from Revenue Department for funding from the Innovative fund. After detailed discussion, two proposals are recommended with modification as detailed below:

39) Solar Roof Top SPV Plant at the Collectorate Building of Tuticorin & Solar Roof Top SPV Plant (7 KW) at RDO Offices at Coonoor & Gudalur and Taluk Offices Pandaloor & Kothagiri.

The proposal is to install 100 KW Grid Interactive Solar Power Plant to feed the entire collectorate buildings at Tuticorin at a total cost of

Rs.90.00 lakh and to install 7 KW Grid Interactive Solar Power Plant to feed the entire RDO Offices (Coonoor & Gudalur) and Taluk Offices (Pandalur & Kothagiri) Collectorate Buildings at The Nilgiris at a total cost of Rs.28.00 lakh. The cost towards battery backup is the major problem identified towards installation of Solar Plants. It is stated that 60% of the estimated amount for the installation of the Solar Plant goes for the purchase of Battery for backup support. Therefore in this project as an innovative measure of cost effective and low maintenance it is proposed to connect the Solar Photo Voltaic Systems directly to the electrical loads without battery storage. The State Planning Commission after detailed discussions has recommended these proposals at a total cost of Rs.118.00 lakh subject to the observation that no more funding for the remaining Collectorates will be proposed by the Revenue Department in future.

40) *Fencing of Excess Vacant Lands by Barbed Wire and Placing Board*

The project called “Fencing of Excess Vacant Lands by Barbed Wire and Placing Board” has not satisfied any innovative component and the State Planning Commission has not recommended this proposal.

X. Industries Department

The two proposals received from Industries Department for funding from the Innovative fund has been appraised as follows and not recommended any proposal.

41) *Installation of waste heat recovery sulphur burner in Cheyyar Co-operative Sugar mills*

In conventional sulphur burner, sulphur is melted by applying 7 kg/cm² steam. By installation of waste heat recovery sulphur burner, heat generated in burner is used to evaporate water and steam generated is used to melt sulphur. The condensed water is not wasted. It is returned back to the burner for generation of steam. Hence a closed loop system of steam generation takes place through usage of waste heat. This waste heat recovery sulphur burner eliminates the usage of steam in sulphur burner station. The total project cost is Rs.40.20 lakh. The

State Planning Commission after detailed discussion decided not to recommend the proposal as there is no innovation.

42) *Installation of waste heat recovery sulphur burner in Arignar Anna Co-operative Sugar mills*

In conventional sulphur burner, sulphur is melted by applying 7 kg/cm² steam. By installation of waste heat recovery sulphur burner, heat generated in burner is used to evaporate water and steam generated is used to melt sulphur. The condensed water is not wasted. It is returned back to the burner for generation of steam. Hence a closed loop system of steam generation takes place through usage of waste heat. This waste heat recovery sulphur burner eliminates the usage of steam in sulphur burner station. The State Planning Commission has not recommended this proposal.

XI. Handlooms, Handicrafts, Khadi & Textiles Department

Five proposals received from Handlooms, Handicrafts, Khadi & Textiles Department for funding from the Innovative fund. After detailed discussion, two proposals are recommended with modification as detailed below:

43) *Purchase of Motorised Jacquard Machines for Handlooms*

The motorised Jacquard machine is used for producing designs in handloom products. The existing system of operating the Jacquard machine is manually done by the weavers by pressing the treadle for lifting the Jacquard device. The proposed machine will mechanise the operation of jacquard lifting process by motor. This occupies low space, low power consumption, easy to install and no maintenance charges. Therefore, it is proposed to purchase 6000 Jacquard Machines at a total cost of Rs.900.00 lakh. The State Planning Commission after detailed deliberations has decided to recommend the proposal subject to the conditions that 25% of the cost is to be borne by the weavers societies. The State's liability is limited to 75% (i.e.) Rs.675 lakh @ Rs.225.00 lakh per year.

44) Training in Pathamadai Korai Grass mat

This proposal is to impart training programme in the mat weaving craft at Pathamadai village, Ambasamudhram, Tirunelveli district. Training will be imparted to 25 persons for a period of 6 months. Mat weaving techniques, processing of grass, identifying reeds, colouring of grass, etc., will be taught in the course of training. The total cost is Rs.9.50 lakh. The State Planning Commission has not recommended this proposal.

45) End-to-End Computerisation

Tamil Nadu Handicrafts Development Corporation, in order to share the information across its various units has proposed End to End computerisation at a total cost of Rs.13.01 crores and placed it for approval of SPC in the first round appraisal 2015-16. The State Planning Commission, while appraising the proposal, is of the view that it is a very expensive proposal. The Chairman and Managing Director, Handicrafts Development Corporation has informed in the meeting that the cost would be much lesser if trimmed, since the proposed cost is the rough cost. Accordingly, the SPC has accepted the proposal in principle and advised the Handicrafts Development Corporation to resubmit the proposal by reworking the cost. The revised proposal for Rs.837.34 lakh has been appraised by the State Planning Commission in the present meeting and after detailed discussion the proposal has not been accepted by the State Planning Commission, since it is only office computerisation.

46) e-Relocation of Artisans and their skills

The details of Artisans and their skills are not available and therefore Tamil Nadu Handicrafts Development Corporation has proposed to create a common portal for the Artisan families in the State for worldwide access at a total cost of Rs.160.00 lakh. e-Repository will provide a link between the corporation and the artisans of Tamil Nadu for marketing and production activities. It will contain the basic details of every artisans and their profile. The State Planning Commission has recommended the proposal at the reduced cost of Rs.100.00 lakh.

47) *Promoting alternative marketing channels for value added products in minor millets through TN Khadi & Village Industries Board.*

It is proposed to establish 50 centres for procuring and processing of millets in 10 districts i.e., 5 centres per district. Value added food from these centres would be marketed by TNKVIB through its Khadi outlets Public Distribution centres. An external co-coordinating agency will be identified for effective implementation of the project at field level. This agency will co-ordinate with KIVB on the following components viz., farmers mobilisation, formation of SHGs & Training Programmes and awareness generation on millet products. The State Planning Commission discussed the proposal in detail. The promotion of millets are better handled by Agriculture Department and promotion of millets are not under the domain of Khadi. Therefore, State Planning Commission has not agreed the proposal.

XII. Environment and Forest Department

Twenty five proposals received from Environment and Forest Department for funding from the Innovative fund. After detailed discussion, seven proposals are recommended with modification as detailed below:

48) Augmenting Drinking water supply to wildlife through motors energized by solar power

The wildlife sanctuaries, national parks, tiger reserves and reserve forests suffer from acute scarcity of water during summer. Due to the scarcity of water, wild animals, in comparatively dry regions start heading for villages looking for alternate water sources leading to human-wildlife conflicts. Supplying water to the saucer pits and tanks located in wildlife areas remains as a challenge to the Forest Department during the dry summer months and tackling of forest fires remains as an another major challenge. This project will address the problem of drinking water supply to the wildlife will reduce the human wildlife conflicts. Bore well will be dug out inside the forest area upto 400 feet depth (6" diameter) and submersible motors (3HP) fitted which will be energized by "Solar Energy" with a Solar Panel of 300 Sq.ft. Water will be pumped to "Over

head tank” to be constructed for this purpose. 4 RCC column will be erected to be required height atleast 40 feet) and a platform provided on the top of the columns to place solar panel (300 Sq.ft). The proposed project cost is Rs.108.00 lakh. The State Planning Commission after detailed discussion is of the view that this is an innovative approach to manage wildlife habitat, so that the problem to the local villagers, due to the hardship faced by wild animals in search of water is resolved and therefore recommended the proposal.

49) *Training and utilising services of volunteers in Rescue and Release of Wildlife*

Due to various anthropogenic and ecological reasons, human wildlife conflict is on persistent increase. Hence, it is necessary to engage and utilize the services of Volunteers who are residing close to such vulnerable areas where human wild life conflict is more likely to happen. This project will address the problem to provide solution for human wildlife conflict. It is proposed that two volunteers from each of such vulnerable villages will be selected, trained and utilized to rescue and release of wild animal at a total cost of Rs.30.00 lakh. The State Planning Commission after detailed discussion decided that the project will involve the local community and their knowledge in order to resolve the prevailing conflict and accordingly recommended this proposal.

50) *Enhancing Managerial Efficacy in respect of Virudhunagar Circle (Establishment of MIS with Video conference facilities)*

This project addresses the problem of Mitigation of Human Animal conflict. It aims for leveraging technology for enhancing the efficacy of management details of proposed interventions Instituting a Management Information System (MIS), Equipping the field staff with GPS enable Personal Digital Assistant (PDAs) with data connectivity, Online / Web presence of the Territorial forest divisions, Video conferencing facility, Installation of CCTV surveillance equipment at vantage points like check posts, fish landing centres and other vulnerable places. Hence, it is proposed to implement the scheme at a cost of Rs.108.00 lakh. This is an attempt at leveraging technology, so as to enhancing managerial

efficacy in Forest surveillance and anti-poaching activities and will provide a pioneering model for modernisation of everyday forest protection action. The State Planning Commission after detailed examination decided to recommend the surveillance aspect only. Therefore, the cost has to be reworked accordingly and resubmitted for consideration.

51) *Undertaking hydrological study of Western Ghats Forests in Tirunelveli District (three years)*

Tirunelveli District is one of the District in Tamil Nadu and it is bestowed with 1,25,660.27 Ha. of forests and mostly in the form of Western Ghats which starts from Maharashtra and ends in Tamil Nadu. Tambirabarani is the river originating in this hill areas and it supports the agriculture in two districts, drinking water supply in 3 districts, other requirements like industrial requirements in two districts and also finally researchers Gulf of Manner where it helps the Marine Biodiversity also. Hence, it is necessary to undertake a hydrological study. This project will address the problem of **Ecological** benefits like clean air, water, carbon sequestration will be provided. Ecological benefits like clean air, water, carbon sequestration are to be quantified to seek the support and co-operation of people in respect of Forest Department activities. Hence, it is proposed to implement the scheme at a cost of Rs.400.00 lakh for a period of three years. Highlights eco-system value which are hitherto not considered in routine forest management. The requisite information will be provided by the hydrologists of the eco-system thereby justifying forest protection activities in a water deficit state in Tamil Nadu. However, the Hydrology experts in other departments are doing the work. Anna University is also during the same work. Therefore, Forest Department may find out whether this can be implemented in collaboration with other departments. The State Planning Commission has not recommended the proposal.

52) *Crocodile Transition Camp*

The crocodile capture upon straying is a very tedious activity and is not standardised. The front line staff are involved in this dangerous task

joining hands to the Vakkairamari Lake nearby. Fulfilling these infrastructural facilities can help increase confidence among the public and with the district administration. The process of capture and relocation needs standardisation as it is largely subjected to risk. Basic infrastructure is essential to prevent capture myopathy to the crocodiles and providing basic treatment to them. In this project, it is proposed to have safety capture kits and special vehicle fabricated for the purpose to relocate the captured animal. The transition camp is proposed to be installed at Neyveli at a total cost of Rs.40.00 lakh. The process of relocation needs standardisation. Special vehicle fabricated and safety capture kits for the purpose of relocate the captured animal. The State Planning Commission has recommended the proposal subject to excluding the expenditure towards construction of Administrative Unit. The existing building has to be utilised and the total project cost is reduced and revised to Rs.20.00 lakh.

53) *Developing bio-shields for public safety along the coast*

The 1076 kms long coastline of the state is vulnerable to frequent cyclones. Therefore, a study is needed to develop suitable Bio-shield models for the coastal villages to save their life and properties. This project address the problem of the life and properties of coastal village people will be saved and protected. Bio-shield can reduce wind speed by forcing the air current up and over the windbreak, leaving areas of relative calm on the protected side. The present model would stress on use of local plant species for shelterbelt and compare their effectiveness with the popular exotic model planting Casuarinas. Hence, it is proposed to implement the scheme at a cost of Rs.7.03 lakh. Bio-shield through tree cover will assist in protecting the coastline from climate related natural disaster and also contribute to ecological restoration of natural vegetation. Therefore the State Planning Commission has recommended this proposal.

54) Conservation of genetic diversity of *Santalum album* for future public needs

Sandal (*Santalum album*) can be considered as one of the world's most valuable commercial timber. Sandal wood is commercially valued globally for heartwood and oil. Indian sandal is considered best and is highly prized for its superior quality oil. Current value of heartwood is above Rs.5000 kg in India. This project address the problem of traditional sandal bearing areas will be protected. It is proposed to reserve Germplasm in gene banks through the establishment of clonal seed orchard & fertigation. Clonal seed orchards will be established at Seschanchavadi / Kurumbatti/ Kvalur/ Melchangam. Cleft grafting method is a suitable clonal propagation method for sandal wood. Since the tree crop is semi parasitic one the secondary host should be provided for better growth. In order to avoid the weed growth, intercrop of pulses or groundnut can be cultivated and suitable protection will be given. It is proposed to implement the scheme at a cost of Rs.2.85 lakh. The State Planning Commission has after detailed examination is of the view that this is scientifically sound approach to restore the original stock of sandalwood, which was depleted in Tamil Nadu in recent times and therefore recommended the proposal.

55) Climate change and readiness under reducing emission from deforestation and forest degradation (REDD)

The carbon stored in the forests is unable to receive any credit from the international agencies because failure to explicit quantify that benefit using recognised methodologies. This project addresses the problem of bio diversity and livelihood benefits. Research under this theme focuses on the needs of policymakers and land managers seeking to build forests, trees and agro forestry into climate change adaptation and mitigation strategies; to harness forests, tree and agro forestry for climate change mitigation, to enhance climate change adaption through forests, trees and agro forestry and to gain an understanding of the role of forests, tree and agro forestry in achieving synergies between climate change mitigation and adaptation. The State Planning Commission after

detailed deliberation has not consider the scheme as innovative and therefore not recommended the proposal.

56) *Remote Data Management solution for research activities of Forest Department.*

Research wing of Forest Department undertakes research activities all Tamil Nadu. There are 54 research centres as also demonstration plots, CPTs, etc., to be monitored. The data transmission from field to head office takes time, loss of data and quality of the data falls short of desired level. Hence a soft ware is needed to be customised and developed to meet research needs like field observations, taking measurements and need to be sent to higher ups. The data needs to be supported with the photo, video, voice recording and GPS points. The integration of the field data collected with the headquarters needs to be done with internet support and websites supported by a server. This project address the problem of the users of the research result like the forest department farmers, researchers and the general public will stand to gain from the quality information. Switching to web based real time data management will improve the efficiency of the research wing, helps better, more informed and quicker decision making and delivery system. The users of the research results like the forest department, farmers, researchers and the general public will stand to gain from the quality information. The project has to be implemented at a cost of Rs.22.00 lakh. The State Planning Commission after detailed examination has recommended the proposal.

57) *Solar Powered Real Time Wireless Video Surveillance System for improving the protection of Red Sanders*

In light of recent development in Seshachalam Forest Area in Andhra Pradesh on 07.04.2015 the attention of Red Sanders smuggler may divert towards valuable Red Sanders in Tiruvallur Division. With the existing system for Red Sanders protection difficulties like absence of power supply in remote forest areas, impossible to connect the cameras with the control room with optical fibres since they are located too distant from the control room. Hence Solar Powered Real Time video

surveillance system will be suitable in remote distantly located red sanders areas of Tiruvallur division and it is cost effective. The total project cost is Rs.96.54 lakh. The State Planning Commission after detailed discussion recommended the proposal. Considering the cost effective technology, the State Planning Commission has recommended this proposal at a total cost of Rs.96.54 lakh.

58) *Re-modelling the existing Computer Centre by adopting a long-term and flexible space management strategy and strengthening the infrastructure for computer networking.*

The use of IT has come to play a vital role in planning, management and monitoring in forestry sector. The e-Governance plan of the Department seeks to create a public –centric environment for governance. This project address the problem of strengthening of computer network improves the communication and information dissemination and increasing efficiency and administration in the Department. Management Information System (MIS) provides necessary tools to organize, evaluate and efficiently run various operational activities in the organization. A full fledged computer centre has been established at headquarters at Chennai. Computers have been provided at State, Circle, Division and Range levels. RF link has been established between the Forest Department and National Informatics Centre (NIC). With a view to speed up the administrative function through data collection, storage and dissemination activities, web-based software are being developed for MIS. Functional as well as application software is being developed by M/s. ELCOT, Chennai. The re-modelled computer centre will have the facilities for the employees in one place (i.e.). General Work Area (Compute Centre), Local Area Network (LAN) Server room, Photocopier area, Storage Shelf Unit, First Aid Room and Reference Library. The State Planning Commission after detailed deliberations is of the view that this proposal is nothing but office modernisation and therefore not recommended this proposal.

59) *Reclamation of lime stone mine sites in Ariyalur District.*

In Ariyalur District large number of completed quarry sites are to be reclaimed by planting tree for eco development and as well as combat air pollution created by new mine sites and existing cement industries. It is proposed to reclaim the 50 ha. Of above area initially and if it is successful it can be continued in future. Suitable tree species which will thrive in this type of site will be identified and necessary; innovative techniques will be adapted to bring the above work. It is proposed to implement this project at a cost of Rs.12.50 lakh. The project has not specified the innovation involved in this proposal. Therefore the State Planning Commission has not recommended this proposal.

60) *Habitat improvement of Karaivetti birds sanctuary*

Karaivetti Bird Sanctuary is located in Ariyalur District. The sanctuary is now used by the migratory birds. Due to the absence of tree cover in the middle lake with water around for considerable months most of the birds are not nesting. To facilitate the bird population for nesting it is important to provide tree species which is often selected by the birds for nesting as well as roosting. To establish trees at the middle of the water body earthen mounds to be created to avoid inundation. Hence mound planting is proposed for the improvement of habitat in Karaivetti Bird Sanctuary. It is proposed to implement this project at a cost of Rs.7.50 lakh. No public issue / problem identified for implementing this project. Hence the State Planning Commission has not recommended this proposal.

61) *Providing Eco Toilet facilities; LPG connections, weather roofing materials to Tribals in and around Theppakadu.*

The tribal communities are living in Theppakadu settlements in the Mudumalai Tiger Reserve (Core area). These settlements are located around Elephant camp. They have been initially living as labour force in buildings constructed long back and subsequently in mud-dwellings. These tribal families serve as source for procuring labourers for departmental works. This project will address the problem to provide

livelihood help and basic needs for Tribal communities. Providing Eco-toilets, LPG connections to tribal families and weather roofing materials to tribal huts in and around Theppakadu. The total project cost is Rs.107.00 lakh. The project addresses livelihood constrain faced by the local community and with the support for wildlife conservation. However, its components are routine Rural Development inputs and therefore the State Planning Commission has not recommended this proposal.

62) *Wetland Habitat Management*

It is proposed to augment the Kazhuveli wetland both ecologically and economically by creating artificial pond, raising of plantation and research study at a total cost of Rs.23.00 lakh. Kazhuveli wetland is located in the Tindivanam range of Villupuram circle and it is declared as land at the disposal of the Government under section 26 of the Tamil Nadu Forest Act, 1882. The wetland is subjected to encroachments in all forms and hence it is highly essential to protect the wetland habitat. Studies reveals that the wetland is primarily of fresh water but present facts suggest it to be brackish water wetland. The work appears to be routine maintenance and deepening of the water body and therefore the State Planning Commission has not recommended this proposal.

63) *Solar power generation in SFRI*

The present consumption in SFRI is 63 kw and an investment of Rs.63.00 lakh is needed to start full scale solar power generation (based on calculation 1 kw solar power generation needs and investment of Rs.1.00 lakh). Ministry of new and renewable energy resources provides a subsidy of 24% on the investment and the cost of the project comes down to Rs.47.88 lakh. This project address the problem to give additional support to meet the increasing demand of electricity consumption in SFRI by providing solar power generation with the subsidised cost. A solution suggested is to go for parallel grid interactive rooftop solar power generation (upto 100 kw) where in addition to the existing electricity setup remains with the solar power generation. The excess power generated before office hours and holidays will be fed to common electricity grid after converting DC to AC and credited into the

user account. There is no investment on costly batteries. During the night time or cloud cast period when power generation is not possible, the power consumption is provided by the regular electricity grid debiting to user account. The total project cost is Rs.12.50 lakh. There is no specific element of innovation and therefore State Planning Commission has not recommended this proposal.

64) *Liquid Bio-Fertiliser Production*

At present, bio-fertilizers are supplied to the farmers as carrier based inoculants. As an alternative, liquid formulation technology has been developed which has more advantages than the carrier inoculants. This project at a total cost of Rs.58.00 lakh address the problem of **improved** soil health and soil fertility and crop yield. The State Planning Commission during discussion found no specific element of innovation and therefore the proposal is not recommended.

65) *Developing effective bio-scavengers for the highways and urban areas*

The vehicular pollution, their ill effects on human health and need for remediation needs no elaboration. Planting trees that are pollution – tolerant and capable of collecting particulate matter is an effective tool in bio-remediation of urban environmental pollution. This project address the problem of bio-remediation of urban environmental pollution. Planting these trees in highways and urban areas will reduce the level of pollution of air and will be an additional green cover. The total project cost is Rs.57.96 lakh and the State Planning Commission has not recommended this proposal.

66) *E-Learning - Interactive Awareness for School Children*

In this proposal it is proposed to link all the EIDC (Environmental Information Dissemination Centre) of schools to the Department of Environments Server. As all the EIDCs are provided with related web resources to all the Centres can be facilitated through the Department of Environment Server. On green days, an online chat programme will be organized so that the students from all the EIDCs will be able to interact

with the experts who will be present in the Department of Environment. The main objective of this programme is to promote Environmental Awareness among the students and to help in protecting and preserving the environment. Since online quiz for school students are also conducted in the Department of Environment website, it is planned to conduct the Interactive Online Awareness in the same website by providing additional server space as required with appointing manpower for maintaining and coordinating the programme and other related activities in the Department of Environment website. The total cost of Rs.21.10 lakh. The State Planning Commission has appraised the proposal in detail. This proposal is considered as a creative intervention in awareness generation using modern technology. However, the State Planning Commission has recommended that the recurring cost and staff cost has to be reworked and resubmitted.

67) *Tamil Nadu State Climate Change capacity Building Training of Trainers Programme*

The aim of the “Climate Change Capacity Building Training of Trainers programme” is to strengthen the climate change information base and institutional capacities of local governments to leverage implementation of India’s National Action Plan on Climate Change (NAPCC) through State Action Plan on Climate Change (SAPCC) at a total cost of Rs.19.00 lakh. A comprehensive training module along with guideline for specific thematic mission/sectors will be developed aiming to build and enhance capacity of trainers to understand climate change better and create awareness among different stakeholders by a dedicated staff members. The programme will be based on a participatory approach and include presentations, group exercises, activities and interactive discussions. The State Planning Commission after detailed deliberation has not recommended this proposal.

68) *Bridging the digital divide for enhancing local participation and capacities in Environmental Management.*

To ensure real time connectivity and conversation between local populations and the State. Participation and capacities in environmental

management it is proposed for the establishment of a centralized web portal which will contain digitized maps and base line data of all the panchayats of the state at a total cost of Rs.52.00 lakh. The second tier would be the Government Higher Secondary Schools at the level of Panchayats, wherein the point person would be the Head Master. The third tier would be a small team of school children who are designated as 'Ambassadors'. The operation would be that each of the schools would be provided with an Electronic Tablet with a preloaded application in which local environmental data could be downloaded from the portal, and also uploaded on to the portal. After detailed discussion, the State Planning Commission has not recommended this proposal.

69) *Providing solar lanterns to Tribal schools*

In order to provide illumination facility tribal schools the Department of Environment, Government of Tamil Nadu has proposed to provide 5 solar lanterns and 2 solar street lamps per school at a total cost of Rs.62.00 lakh. The State Planning Commission has not considered this project as an innovative or novel and therefore not recommended this proposal.

70) *Coastal Climate Change Awareness along the High Tide Line of the Tamil Nadu Coasts.*

Tamil Nadu has a vast coastline and is affected by the Tsunami, Cyclones, Storm surges, floods etc. Sea level rise could also cause property damage, beach loss, shrinkage of coastal wetlands and threats to infrastructure. The main objectives of the project is to create awareness and educate the Coastal communities on Coastal Climate change like sea level rise and the importance of High Tide Line of all coastal villages of Tamil Nadu at a total cost of Rs.65.00 lakh. The State Planning Commission has not recommended this proposal as there is no innovation.

71) *Awareness building on the importance of coastal habitats (Coral reefs & Seagrass beds) in the coastal villages along Gulf of Mannar*

and Palk Bay: An initiative to support and strengthen coastal community

Tamil Nadu has a 1076 km long coastline with unique coastal resources like coral reefs and seagrass beds in Gulf of Mannar and Palk Bay. The coral reefs and seagrass beds are lifeline to coastal people in particular traditional fishers in terms of livelihood source through fishery production. Building awareness among the coastal stakeholders in particular community, school children and media would not only help to protect the coastal habitats from further damage but also enhance the livelihood options and adaptive capability. A comprehensive protocol would be developed to make aware the three categories of stakeholders through local workshops and nature tours. The snorkeling training to school children to witness the beauty of the coral reef and seagrass beds would build a strong conservation mind among school children. The awareness among media and sign boards would create a positive impact among the general public along the coasts to protect these habitats for the benefit of local community and environment. This innovative awareness building has also indirect impact on the livelihood of traditional coastal community through fishery production. The total project cost is Rs.107.20 lakh. The State Planning Commission is of the view that whether this can be funded from the Environment protection fund be ensured and the cost should be reduced. Accordingly, the proposal has to be revised and resubmitted.

72) *Tamil Nadu State Climate change Information Dissemination Services*

Climate change information plays a crucial role in national development planning, for managing development opportunities and risks and for mitigation and adaptation. Efficient application of climate services requires that climate information become integrated into various sectors' policies. In this context, the aim of CIDS (Climate Change Information Dissemination Services) is to collect and disseminate updated climate change information, news and happenings to various offices of the line Departments of Government as envisaged in Tamil Nadu SAPCC. Climate change related information ranging from global-national, sub

national and local level will be collected, classified, archived and will be disseminate to respective sectoral departments both by electronic and printed materials at a total cost of Rs.23.00 lakh. The State Planning Commission has not recommended this proposal.

XIII. Micro, Small & Medium Enterprises Department

4 proposals received from Micro, Small & Medium Department for funding from the Innovative fund. After detailed discussion, no proposals are recommended with modification as detailed below:

73) MSME Clinic and Monitoring Office in 31 District Industries Centres and RJD, Chennai.

It is proposed to establish MSME Clinic to identify sickness of MSME units and to rehabilitate them by providing psychological counselling, technical expert counselling and strategies for rehabilitation including business planning and fund sourcing at a total cost of Rs.1274.00 lakh. This is proposed to monitor and evaluate schemes implemented through DICs and check the healthiness of enterprises and the status so that to identify the incipient sickness of units and suitable measures to rehabilitate them. The State Planning Commission has not recommended the proposal since this is mainly a rehabilitation programme.

74) Creation of Testing Facilities for LED Lamps, Modules and Luminaries first in State & Automation of continuous long duration tests and conditioning tests

It is proposed to introduce LED lamps, .modules and luminaries testing facilities and automation of continuous/ long duration tests on samples including LED in two parts at a total cost of Rs.561.00 lakh. The State Planning Commission has examined the proposal in detail the usage of LED lamps is going to gain momentum in the coming years, testing and certification is also very essential. Hence to cater the needs of the industrial Society LED Lamp Testing Facility is proposed. Only few labs have LED lamp testing facility. Therefore, State Planning Commission

has decided to accept the proposal in principle. However, the cost has to be suitably revised and reworked.

75) Establishment of Re-engineered system in 10 Industrial Co-operative Tea Factories.

In this project it is proposed to establish the re-engineered sift and packing system in 10 ICTFs - Tea product has to be processed and packed in a hygienic manner and hence the present sifting and packaging system has to be re-engineered. It is also proposed to establish the State-of-art in-house resharping facility in 2 ICTFs; re-engineered pulverized system at a total cost of Rs.358.00 lakh. The State Planning Commission has discussed the proposal in detail in the appraisal meeting.

The specific innovation to be implemented / tested has not been specified. The entire expenditure is towards purchase of machineries like pulveriser, lathe machine, milling machine, tool cutter and other accessories, etc. This project is basically modernisation of the Factories and therefore the State Planning Commission has not recommended the proposal.

76) Technology Gap study among cluster

The project proposal of SIDCO is for conducting a detailed study on (i) technology gap study on clusters, (ii) e-commerce to improve marketing assurance, (iii) revamping and bring in best practices in the functional domain of SIDCO and (iv) implementation of ICT solutions in SIDCO. The total cost for the proposed study is Rs.45.00. The State Planning Commission is of the view that funding for the study can be availed from multiple sources for which innovative fund need not be utilised. The State Planning Commission has advised SIDCO to avail the funding from TNIDP which is a better easier solution.

XIV. Municipal Administration and Water Supply Department

One proposal received from Municipal Administration and Water Supply Department for funding from the Innovative fund. After detailed discussion, this proposal is recommended with modification as detailed below:

77) Groundwater – Sanitation Nexus Research Project in Small Towns at Namakkal District, Tamil Nadu.

The Municipal Administration and Water Supply Department in collaboration with the NGO Arghyam Foundation has proposed for a Research Study with objective to develop a low cost sustainable on-site sanitation technology, at a total cost of Rs.60.00 lakh. The NGO's contribution would be Rs.30.00 lakh and the remaining Rs.30.00 lakh will have to be met from the Innovative Fund. The research project will generate a knowledge base to promote safe and sustainable fecal sludge management for small towns that depend heavily on on-site sanitation management practices to protect the ground water quality. The study research will be focused on three broad areas developing a scientific understanding of linkages between sanitation and groundwater quality, field evaluation of a new sustainable on-site sanitation system and implementation strategies that take in consideration the social, financial and institutional factors relating to on-site sanitation / fecal sludge management. This also addresses the adverse impacts on water supply services delivery costs through the redundant necessitation of contaminated raw water treatments costs in the value chain of water supply.

The project proposal has been appraised by the State Planning Commission in the meeting. As per the guidelines issued in G.O.Ms.No.124, PDSI (SP-1) Dept. Dt. 24.10.2014, the projects executed by NGOs of repute can be considered, provided that in every such case, evaluation of the innovative scheme by and independent third party agency would be obligatory. Therefore, without having the impact evaluation, Government may decide whether this project can be funded under TANII. Subject to this decision at the Government level, the State Planning Commission has recommended this proposal.

XV. Labour and Employment Department

Four proposals received from Labour and Employment Department for funding from the Innovative fund. After detailed discussion, two proposals are recommended with modification as detailed below:

78) *Legal Metrology Complaint Tracking System (LMCTS)*

The Project called “Legal Metrology Complaint Tracking System” (LMCTS) is for creating awareness with consumers by providing tools and easy access to reach to the department at a total cost of Rs.89.22 lakh for the period of three years. The Secretary to Government, Labour and Employment Department has suggested to have a system in place and the State Planning Commission accepted the suggestion of the Secretary and recommended the proposal without recurring cost. The commitment from innovative fund would be Rs.26.30 lakh.

79) *Model Finishing School in Manufacturing Sector*

This project called “Model Finishing School in Manufacturing Sector” is proposed to be established in the “Industrial Training Institute” at Ambattur in 6000 sq.ft. with building, modern lab etc. to train around 1000 ITI passed students. It is stated that the regular I.T.I’s concentrate on fixed training curriculum and training schedule, whereas the proposed model finishing school will train them in skill gap areas to make them more employable and Industry ready. The total expenditure is Rs.375.00 lakh towards civil works, machinery and equipment, furniture, training, raw materials etc. Further, it is also stated that this project is an income generating self sustainable model. However, the project proposal has not specified how much the project will generate income for its sustainability. The State Planning Commission after detailed discussion is of the view that the required skill development may be entrusted to Tamil Nadu Skill Development Corporation and therefore not recommended the proposal.

80) Tamil Nadu Institute of Career Services

This project called “Tamil Nadu Institute of Career Services” (TNICS) proposed by the Commissioner of Employment and Training is basically a capacity building initiative for augmenting the skills of the officers of the Employment Exchanges across the State. No public issue / problem identify in this proposal. One of the functions of the proposed “Institute” is to organise orientation programme for the officers and employees of the department and periodical refresher training. The total expenditure involved in this proposal is Rs.796 lakh. The State Planning Commission has examined the proposal in detail. It is evident that by establishing the Institute, the beneficiaries are the staff and officers of the department and the department itself. No public issue problem identified in this proposal. Therefore, State Planning Commission has not recommended this proposal.

81) Setting up of Virtual Classrooms in Government ITI's located in hilly areas:-

In this project, it is proposed that the Government Industrial Training Institutes at Guindy, Trichy, Coimbatore, Madurai and Tirunelveli be made as Hub centres by providing Video Conferencing facilities and thereby the teaching carried out at these institutes are to be shared in the Industrial Training Institute of Anaicut, Karumandurai, Kollihills, Gudalur, Jamunamarathur and Sankarapuram which are situated in the hill areas, where the instructors are either in shortage or lack in quality instructors. Thus in this “Virtual Classrooms” infra facilities are to be established in 11 Government Industrial Training Institutes and the total cost is Rs.110.00 lakh. The State Planning Commission during the course of the appraisal has agreed to establish the Hub Centres at Trichy and Coimbatore only instead of five and accordingly recommended the proposal at the revised cost of Rs.80.00 lakh.

XVI. School Education Department

Five proposals received from School Education Department for funding from the Innovative fund. After detailed discussion, three proposals are recommended with modification as detailed below:

82) *Enhancing the Quality of Vocational Education*

The School Education Department, in order to launch the Skill Development in secondary level proposed to conduct a rapid base line study with the objective to make an assessment on the Viability and relevance of Skill Development courses to be offered in the schools. The duration of the proposed base line study is stated as 90 days. It is also stated that the study would provide sufficient information to facilitate the creation of a comprehensive long term road map for the implementation of skill development in Tamil Nadu Schools to popularise Skill Development in Schools and to upgrade the curriculum and teacher training practices besides making skill development more inclusive as well as improve the industry linkage and employability. The total project cost is Rs.23.25 lakh to be met from the innovative fund. The proposal is placed before the appraisal of the State Planning Commission for consideration and it is decided to accept it. Accordingly, the State Planning Commission has recommended the proposal.

83) *Eco-friendly Green Schools*

This proposal called “Eco-friendly Green Schools” proposed by School Education Department to be implemented in 18 Model Schools and there are three components involved in this project viz: (i) *Solar Power System*, (ii) *Bio Digest Toilet* and (iii) *Quality Science Development Centre*. It is proposed to install Solar Photo Voltaic Panels mounted on rooftop of the building in 18 schools under the component Solar Power. Similarly, it is proposed for the construction of Bio- Digest Toilets in 18 schools at a cost of Rs.1.00 lakh each. Further, establishment of Quality Science Development Centre in 18 Model Schools is also proposed in this project. The State Planning Commission after detailed discussion

has decided to fund for the Bio-digest Toilet components only. Accordingly, recommended the construction of Bio-Digest Toilets in 18 schools at a total non-recurring cost of Rs.18.00 lakh and recurring cost of Rs.3.78 lakh for the period of three years, subject to the condition that initially the Bio-Digest Toilet be first constructed in a school as a model and after assessing the pros and cons of the model toilet, the other toilets be constructed duly rectifying the lacunas. The recommended cost is Rs.21.78 lakh.

84) *Science for Middle Schools*

In order to promote science learning from the middle schools, School Education Department proposed to establish Quality Science Development Centre (QSDC) in selected 200 middle schools in order to compensate the absence of Science Lab in the schools. Creation of Scientific tempers, organising children Science Congress, exhibiting innovative learning aids developed by the teachers, regular exhibition of science movies and documentary screening are some of the activities proposed through this QSDC, at a total cost of Rs.612.00 lakh. The State Planning Commission after detailed discussion is of the view that the activities proposed under QSDC has not have any innovative elements. Therefore, State Planning Commission has not recommended this proposal.

85) *Tamil Nadu Excels*

In this project, the School Education Department has proposed to conduct coaching classes to the Secondary and Higher Secondary level of Government and Government Aided Schools in order to motivate and guide the students to secure state toppers in Board Examination and National Level Talent Search Examinations. This is to be implemented in all 67 Educational Districts of nearly 6700 students. The total project cost is Rs.5.02 crores for a period of three years which includes training for resource persons, module preparations, printing of modules etc. It is stated that similar projects have already been taken by the District Collectors of Trichy and Perambalur. The State Planning Commission after detailed discussions decided to accept this scheme for the training

module component only and suggested to implement it as a pilot in five districts of Tiruvannamalai, Vellore, Cuddalore, Thiruvarur and Villupuram at a total cost of Rs.118.92 lakh.

86) Tamil Nadu Satellite Education Programme (TANSEP)

This proposal called “Tamil Nadu Satellite Education Programme (TANSEP)” is like a virtual class. An ETV studio has already been in existence which was established by SSA and it has been operational since 2004. Many programmes have already been broadcast with the available in-house manpower and uplink facility provided by Anna University. Now, School Education Department has proposed to maintain and repair the existing ETV studio from the Innovative Fund. The total proposed expenditure is Rs.1239.25 lakh. The State Planning Commission has appraised the proposal in detail. The entire recurring expenditure of 345.75 lakh is towards AMC, Honorarium, Contingency, etc. and the Non-recurring expenditure of Rs.876.00 lakhs is for repair charges and up gradation. The cost towards AMC, Contingency, Repair charges, etc. are not acceptable as per the guidelines. This proposal does not specify any innovation to be implemented/ tested or address any public issue / problem. Therefore, the State Planning Commission has not recommended the proposal.

XVII. Home, Prohibition and Excise Department

Eight proposals received from Home, Prohibition and Excise Department for funding from the Innovative fund. After detailed discussion, two proposals are recommended with modification as detailed below:

87) *Installation of Security Pole for Cell Phone and Ferrous Metal detection system in the prison*

In order to strengthen the prison security and add fillip to the efforts of prison administration to trace the cell phones inside the prisons, Home Department has proposed to provide FG1 Security Pole and Ferrous Metal Equipment in two Central Prisons at Puzhal and other prisons at Vellore, Cuddalore, Trichy, Salem, Coimbatore, Madurai, Palayamkottai

besides the special prisons for women at Vellore, Puzhal and Trichy at an estimated cost of Rs.159.48 lakh. The installation of Cell Phone Jammers in high Security Prisons cannot be replicated in all prisons because of its prohibitive cost and maintenance. Therefore as a “cost effective technology” the Security Pole is proposed for funding from the Innovative Fund. The specific problem addressed by this project is that “the prison administration is armed with modern equipments to detect the cell phones inside the prison which is not always possible by manual / physical search”. The proposed project addressed the specific problem of cell phone detection inside the prison with greater efficiency measured in terms of cost saving and improved service delivery in terms of greater ease of operation. Therefore, the State Planning Commission has recommended this proposal at the total cost of Rs.159.48 lakh.

88) *Out Post at Kutralam in Tirunelveli District*

The proposal is for an Out Post at Kutralam, Tirunelveli District. The proposed cost is Rs.50.00 lakh towards purchase of a Mini van (Rs.30.00 lakh) and towards erecting a semi-permanent structure (Rs.20.00 lakh). The State Planning Commission has examined the proposal in detail. The requirement of the outpost is only seasonal for a period of three months and at present fire personnel from nearby Tenkasi and Senkottai Fire and Rescue Service Stations are looking after the affairs during these seasonal period. The requirement of exclusive Permanent Rescue Stations for Kutralam cannot be considered like that of Hogennakkal and Kothagiri. The proposal does not satisfy the innovative criteria and therefore has not recommended.

89) *Education vans to train the society at their door step to handle fires and other emergencies*

In this proposal Tamil Nadu Fire and Rescue Services department has proposed to purchase 12 vans called Education vans duly provided with Projector, C.D. player and with certain teaching and equipment such as Fire Beaters, Life Jackets etc. to facilitate the officers involved in Fire Prevention activities to reach nook and corner of the villages and educate them properly to handle fire and other emergencies and to have

a pool of well trained persons in each village. The total cost involved in this proposal is Rs.240.00 lakh. The State Planning Commission after detailed discussion has decided to implement the scheme as a pilot in 5 districts only at the revised cost of Rs.100.00 lakh.

90) *Computer Aided Dispatch System with Integrated Response to Community*

The proposal of Tamil Nadu Fire and Rescue Services is for a Computer Aided Dispatch System with Integrated Response to Community. Quick communications and mobility in rendering timely service to the public and for this purpose each Station is being provided with a telephone and Station officers are to be provided the CUG facility. The facility would ensure prompt dispatch of the fire fighting vehicles to the scene of the accident which would reduce the response time to the minimum. The total expenditure involved in this proposal is Rs.492.76 lakh. The State Planning Commission has examined the proposal in detail. Fire and Rescue Services Department has admitted that the existing Fire and Rescue Service Stations are rendering efficient service to the public by utilising the communication system presently available. The CUG facility + Fire vehicles proposed in this project seems to be extra expenditure. The existing system work well and accordingly the State Planning Commission has not recommended the proposal.

91) *Providing Special Rescue Equipments to the Fire and Rescue Service in Dharmapuri District*

The Tamil Nadu Fire and Rescue Services Department has proposed to purchase certain equipments such as Generator, Power Saw, Electrical Hammer, Nylon Rope etc. at a total cost of Rs.8.00 lakh for the Fire and Rescue Service Units at Hogenakkal and Dharmapuri from the Innovative Fund. No Innovation exists in this proposal and the State Planning Commission has not recommended the proposal.

92) *Provision of Instant Messaging Server*

This proposal called “Provision of Instant Messaging Server” for Tamil Nadu Police was not previously appraised by the State Planning Commission. However, the project has not identified any public issue/problem to be addressed by the Government that warrant an innovation. The proposed project at a cost of Rs.197.00 lakh which includes Rs.87.00 lakh as recurring costs. In this proposal, Director General of Police has proposed to have a dedicated mobile instant messaging system for police department. As Police Information are secret in nature the facilities like Whatsapp, Viber could not be used. Hence the department has intended to purchase servers with Fire Wall Protection for hosting multi user license for instant messaging service system. The State Planning Commission has suggested that the features of the vendor are to be indicated to consider this proposal and accordingly not recommended this proposal.

93) *Video Analytical Software*

The Video Analytical Software at Salem city can perform a variety of tasks ranging from real time analysis of video for immediate detection of events of interest to analysis of pre-recorded video for the purpose of extracting events and data from the recorded video. It is used to support the Police Department in Law enforcement, traffic regulation, crime prevention, post data analysis etc. for Salem city and on the same analogy this proposal is being proposed at a total cost of Rs.35.94 lakh. After detailed discussion the department has withdrawn the proposal.

94) *Automation of Administrative Records*

The proposal called “Automation of Admin Records” in Directorate of Prosecution seems to be IEC activities which can be incurred from the departments own funding. The proposal lacks innovative approach and therefore the State Planning Commission has not recommended this proposal.

XVIII. Youth Welfare & Sports Development Department

Fifteen proposals received from Youth Welfare & Sports Development Department for funding from the Innovative fund. After detailed discussion, five proposals are recommended with modification as detailed below:

95) *Sports Performance Analysis Laboratory*

The sports performance analysis system at a total cost of Rs.68.20 lakh proposed under TANII will be useful to the physical education teachers, coaches and trainers to get an insight about their learning. The State Planning Commission after detailed discussion requested Vice Chancellor of the Sports University to have a study of the programmes sanctioned in the previous years and then come back.

96) *Purchase of Van*

The proposal of Tamil Nadu Physical Education and Sports University for the purchase of a mini van at a cost of Rs.4.06 lakh is devoid of any merit for consideration under TANII.

97) *Procurement of Lab Equipments for Sports Science Centre*

The proposal of Tamil Nadu Physical Education and Sports University is for the purchase of Lab Equipments for the Sports and Science Centre at a total cost of Rs.280.54 lakh. Mere purchase of equipments cannot be considered as innovation and therefore State Planning Commission need not recommended this proposal.

98) *High Altitude Training Centre at Ooty*

The Sports Development Authority of Tamil Nadu (SDAT) proposed to establish a High Altitude Training Centre (HATC) at Ooty at a total cost of Rs.624.00 lakh which will increase the stamina of the sports persons. The High Altitude Training facilities are available only in two places in India one at Shillaroo, Himachal Pradesh and another at Munnar, Kerala. The State Planning Commission was informed that most of the international events are held in cold countries and therefore our athletics

are to be suitably trained to withstand the weather conditions of the host nations. The total project cost includes the recurring cost of Rs.200.00 lakh per annum as salary, diet etc. During the appraisal meeting, it was opined unanimously that the proposed High Altitude Training Centre would be made as a successful revenue model. The Additional Chief Secretary, Youth & Welfare Department has agreed to share the revenue earned with Government on 80:20 basis. After detailed deliberations the State Planning Commission is of the view that providing world class facilities by establishing the High Altitude Training Centre at Ooty which is at an altitude of 2240 meters from sea level is really of an innovative initiative. The existing two High Altitude Centres at Himachal Pradesh and Kerala are having only restricted space and the altitude is marginal whereas the proposed centre at Ooty will redress these issues. Therefore, the State Planning Commission has recommended the proposal at a total cost of Rs.500.00 lakh subject to the condition that the centre should be developed as a revenue earning model and 20% of the revenue earned should be contributed to the innovative fund.

99) *Establishment of Tamil Nadu State Weight Lifting Centre of Excellence at Sathuvachari, Vellore District:-*

Vellore District is familiar for Weight Lifting Game and more than 1000 National Medallists are in and around Vellore. Therefore it is proposed to establish "Tamil Nadu State Weight Lifting Centre of Excellence at Vellore" to help to find a place in the Sports Map of India at a total cost of Rs.445.10 lakh. The State Planning Commission during the discussion has suggested the Sports Development Authority to meet the recurring expenditure through its internal funding for which the Additional Chief Secretary, Youth Welfare Department has agreed the suggestion of State Planning Commission. Therefore, State Planning Commission has recommended the non-recurring expenditure of Rs.245.00 lakh subject to the condition that the facilities should be available for all without any restrictions.

100) Establishment of Integrated Sports Science Centres at Trichy, Madurai and Coimbatore:-

The Department of Sports Development Authority of Tamil Nadu has proposed for the establishment of Integrated Sports Science Centre at Trichy, Madurai and Coimbatore at a total cost of Rs.2772.00 lakh. (Rs.924.00 lakh each from the innovative fund to lay the foundation for the scientific assessment and enhancement of sports activities with health care services in the three regions at Trichy, Madurai and Coimbatore. The State Planning Commission during the appraisal meeting examined the proposal in detail. Sports persons require consistent and rigorous scientific training of the highest quality standards to compete at the International level events. Many of the sports persons are not able to reach top levels consistently due to lack of proper scientific training. In the present competitive sporting environment, all sports persons need to have high levels of fitness covering Strength, Stamina, Flexibility and Agility. The proposed Integrated Sports Science Centres has to establish the best high performance testing & training equipments to help the sports persons to maintain the high levels of performance. The State Planning Commission after detailed deliberations has decided to establish an Integrated Sports Science Centre at Madurai and accordingly recommended an amount of Rs.500.00 lakh from the Innovative Fund.

101) Simulator for Cadets Training

The Directorate of National Cadet Corps has proposed to introduce Simulator training to cadets to enhance their quality of training with much interest and enthusiasm prior to their actual handling of an aircraft, vehicle or a weapon. The total cost is Rs.85.00 lakh towards Driving Simulator, Flying Simulator and Weapon Simulator. The State Planning Commission has been informed that the Simulator Training would reduce the cost of training to almost one tenth of the real cost and considering this, has recommended the proposal at a total cost of Rs.85.00 lakh.

102) Digital Library

The N.C.C. Directorate has proposed to establish a Digital Library centre at a total cost of Rs.15.00 lakh from the innovative fund. As per the guidelines issued in G.O.Ms.No.124, dt.24.10.2014, the innovation or innovative scheme proposal should first identify a public issue or problem which needs to be addressed by the Government agency. However, in this proposal the problem / issue is not defined clearly. Further, in the establishment of the proposed, digital library involves any innovative component. Therefore, State Planning Commission has not recommended this proposal.

103) Language Laboratory

In order to improve the English Speaking Skills of the N.C.C. Cadets from rural areas, the N.C.C. Directorate has proposed this Language Laboratory as an Innovative Initiative at a total cost of Rs.15.00 lakh. The State Planning Commission appraised the proposal in detail. The digital language lab allow teachers to monitor, control, deliver, group, display, review and collect, audio, video and web based multimedia content used as an aid in modern language teaching. Therefore, the State Planning Commission has recommended the proposal at the total cost of Rs.15.00 lakh.

104) Multi Gym Equipment

The Rs.20.00 lakh proposal of N.C.C. Directorate for establishing a Multi Gym Equipment lacks the element of any innovation. The State Planning Commission has not recommended this proposal.

105) Biometric Devices

The N.C.C. Directorate has proposed to set up Biometric Devices at N.C.C. offices for proper and efficient functioning of the work force at a total cost of Rs.15.00 lakh. This may be implemented from the State fund on priority basis and therefore the State Planning Commission has not recommended the proposal.

XIX. Rural Development and Panchayat Raj Department

Five proposals received from Rural Development and Panchayat Raj Department for funding from the Innovative fund. After detailed discussion, two proposals are recommended with modification as detailed below:

106) Real Time Monitoring System

The Rural Development & Panchayat Raj Department has developed various mobile based applications viz., progress of Road works, Progress of Housing schemes, valuation certificate, Geo tagging of habitations etc. These applications are tested in the field are ready for development. In order to roll out these applications, this project is proposed for funding from the Innovative fund. The total cost involved is Rs. 858.22 lakh (Non – recurring). The entire cost is towards purchase of tablet PC to the PDs, EEs, AEEs, APOs / Ads at the District level totalling 5940 numbers. During the discussion in the appraisal meeting the Deputy Secretary to Government, Finance (Budget) Department has suggested that there is a possibility to meet the expenditure on Tablets from MGNREGS Fund and the Secretary to Government, Rural Development and Panchayati Raj is open to the suggestion and promised to find out the possibility. The State Planning Commission after detailed discussion has accepted the proposal in principle, for one District as a pilot subject to the condition that the cost has to be reworked and come back.

107) Introducing EVMs in the conduct of Elections to Rural Local Bodies

Electronic Voting Machines are already being used in the Urban Local Body Elections. Now, as an innovative initiative, the State Election Commission desires to introduce the specially designed Electronic Voting Machines in Melpuram Block of Kanniyakumari District as a pilot project to overcome the problems of longer duration of manual counting of ballot papers, the probable human errors and the requests forwarded by the candidates for recounting of ballot papers which may lead to prolonged counting time. The State Planning Commission after detailed

discussion has recommended the proposal as a pilot only at a total cost of Rs.40.29 lakh.

108) *Providing Mobile Testing Laboratories*

In order to strengthen the field level monitory mechanism towards quality control in the works like Buildings, Roads and cross drainage works including Bridges, water harvesting structures, water supply works, drainage & sanitary works etc. Rural Development & Panchayat Raj Department has proposed to establish five Mobile Testing Quality Control Laboratories in the five regional centres at Nagapattinam, Madurai, Tirunelveli, Erode and Thiruvallur. The Department has already setup quality control laboratories at the district level which are being strengthened from time to time. Therefore, total quality control mechanism is in place at the district level, and the proposed Mobile unit substitute the existing laboratories at the district level in a more better way. The State Planning Commission has appraised the proposal in detail. The proposal requires 15 posts of drivers, 15 posts of Lab Assistants together with its other recurring expenditure. As per the guidelines, no new staffing would be allowed. Therefore, the State Planning Commission has recommended the proposal excluding staff component. The total cost recommended is Rs.235.00 lakh.

109) *Awareness Creation as part of IEC activities of SEC*

The awareness creation as part of the IEC activities of State Election Commission at a total cost of Rs.25.00 lakh neither seeks to achieve a goal nor solves any identified problem. This is not an innovative one and the State Planning Commission has not recommended this proposal.

110) *Introduction of Video Conferencing in Tamil Nadu State Election Commission*

The proposal at the total cost of Rs.14.65 lakh is for introducing Video – Conferencing in the State Election Commission for facilitating the review of District Election Officers address no public issue and the State Planning Commission has not recommended this proposal.

3. The details of the schemes recommended and not recommended by the State Planning Commission subject to the remarks indicated in para 2 (SI.Nos.1 to 110) has been given as Annexure I & Annexure II to this minutes. The Government is requested to sanction the implementation of the schemes as recommended by the State Planning Commission as in Annexure-I duly following the procedure prescribed in G.O.Ms.No.124/PD & SI Department, dated: 24.10.2014 and issue detailed orders scheme wise, so that the order will indicate the scheme details like period of funding, staff component, implementing agency, mandatory/statutory approvals required to be obtained, the specific innovation of the project, the public issue to be addressed by the project etc. The abstract of the total cost of the schemes recommended by the State Planning Commission for funding from the innovation fund for 2015-16, in the two rounds are as follows:

Abstract

(Rs. in lakh)

Items	I year	II year	III year	Total
<i>Total allocation for the year 2015-16</i>				15000.00
Recommended outlay in the First Round	6340.56	1673.08	470.81	8484.45
Recommended outlay in the Second Round	5287.17	755.05	280.05	6322.27
Total (I & II Round)	12077.73	2203.13	525.86	14806.72
Balance available				* 193.28

(* To be carried out for the next year)

Santha Sheela Nair
Vice Chairman
State Planning Commission

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Head of Division
Plan-Coordination