

ANNUAL ACTION PLAN 2023

Ministry of Fisheries

Division/ Institution : National Aquatic Resources Research and Development Agency
Programme/ Project : Research and Development
Priority Area/s : Increase foreign exchange revenues, ensuring sustainability
Most Appropriate SDG No./s: 2,3,8,9,14

NO.	Proposed Activity/ ies	Project Location (District & DS Division)	Key Performance Indicator/s (KPI)	Allocation 2023 (Rs. Mn)	Project Duration (Start & End date)	Financial Targets (FT) (Rs. Mn) and Physical Target (PT) (%)					Expected Output (Based on Target)	Implementing Agency	Collaboration with	Responsible Officer & Contact No.
						FT/ PT	Q1	Q2	Q3	Q4				
Inland Aquatic Resources and Aquaculture Division														
1.1	Enhancement of export oriented aquatic ornamental industry through technology development for intensive culture/in vitro propagation	NARA Head Office, Matale and Kegalle districts	Number of culture trails conducted Number of hybrids developed against the plan Number protocols developed for in vitro production of aquatic plant against the plan Number aqua-soil typed developed against the plan Number of marine shrimp bred against the plan Number of awareness and technology transferring programs conducted	1.000	01.01.2023-31.12.2023	FT	0.21	0.3	0.29	0.2	Technology developed, documented and made available Number of reports detailing data collection and summarizing information Number of presentations, briefs and research papers produced Number of technology transferring programs conducted	IARAD		Ms. Ramani Shirantha, Mrs. Jayanthi Mallawaarachchi, Dr. Tharaka Nuwansi, Mrs. Amitha Adikari, Mrs. Sumangala Sugeeshwaree and Mrs. Harshani Deepakumar
1.2	Evaluate the Optimum Culture Conditions for Grow-out Farming of Sea Cucumber; <i>Holothuria scabra</i> in Northern Province of Sri Lanka	Northern Province in Sri Lanka	Number of field programmes conducted Number of peripheral area (in hectares) investigated Number of issues identified Number off issues addressed/solved/reported Number of new sites selected, no. of report submitted	1.000	01.01.2023-31.12.2023	FT	0.25	0.2	0.25	0.3	Monitoring of commercial sea cucumber farming Formulation and introduction of cost effective quality feeds Exploratory effect of micro-habitat conditions and detailed mapping of suitable areas for sea cucumber farming Dissemination of technical know-how to stakeholders through training and technical assistance	IARAD	NAQDA, Sea cucumber farmers and hatchery owners	Mr. Pradeep C. Kumara, Mr. R. Weerasingha, Mr. J.S. Jayanatha and Mr. P. A. D. Ajith Kumara
						PT	24	51	80	100				
1.3	Disease monitoring and health management in shrimp aquaculture industry in Sri Lanka	Nara Head Office	Number of farms visited Number of samples collected Number of disease specimens tested. Number of new pathogens identified. Number of therapeutic measures recommended	2.000	01.01.2023-31.12.2023	FT	0.2	0.6	1	0.2	Onsite awareness of farmers on disease conditions Developed therapeutic measures for controlling and mitigating the disease problems.	IARAD	Shrimp Farmers Association	Dr. A. D. W. R. Rajapakshe, Dr. P.P.M. Heenatigala, Mrs. A.S.L.E. Corea, Mrs. Amitha Adikari, Ms. P. Mythili and Mrs. Harshani Deepakumari
						PT	25	50	75	100				
Marine Biological Resources Division														
2.1	Monitoring and assessment of coastal fishery resources in Sri Lanka	Major and minor landing sites in 15 fisheries districts in Sri Lanka	Number of data sheets received Number of data sheets entered to the data base Number of samples analysed, Number of reports/ publications prepared	2.000	Continuous	FT	0.498	0.5	0.501	0.501	Information pertaining to the biology, fishery and stock status of key coastal fishery resources	MBRD	DFAR	Dr. S.S.K. Haputhantri, Dr. R.P.P.K. Jayasinghe, Dr. D.R. Herath, Mrs. K.H.K. Bandaranayake, Dr. A.A.S.H. Athukorala, Dr. W.B.W.M.R.Y.C. Aluwihare, Mrs. D.G.T. Balawardhana, Mr. K. R. Dalpathadu, Mrs. H.M.U. Ayesha, Mrs. L.D. Gayathri, Mr. M.P. Hendawitharana and Ms. G.K.A.W. Fernando
						PT	25	50	75	100				
2.2	Monitoring and assessment of large pelagic fishery resources	Major and minor harbours including large pelagic landing sites in 15 fisheries districts in Sri Lanka	Percentage of collection and updating of database on biological and fisheries data as against the plan, Data are submitted to IOTC as per IOTC data reporting requirements, Number of reports and conference papers/ publications prepared and submitted	1.500	Continuous	FT	0.375	0.375	0.375	0.375	Information on fishery and stock status of different fishery resources	MBRD	MoF, DFAR	Dr. R.P.P.K. Jayasinghe, Dr. S.S.K. Haputhantri, Ms. K.H.K. Bandaranayake, Mr. K.R. Dalpathadu, Mrs. D.G.T. Balawardane, Ms. G.K.A.W. Fernando, Mrs. H.M.U. Ayesha and Mrs. L.D. Gayathri
						PT	15	36	67	100				
2.3	Norway Sri Lanka bi-lateral project NARA's contribution													
2.3.1	Strengthening marine fisheries data collection in Sri Lanka	Landing sites and ports of all over the country covering all the fishery districts.	Percentage of collection and updating of database on biological and fisheries data as against the plan, Number of enumerators trained on the new data collection system, Number of officers trained on data analysis, Annual report	0.700	2020-2024	FT	0.12	0.21	0.215	0.155	Well-trained enumerators on port sampling. Digital system for fisheries landing data collection Improved sampling programme for fisheries landing data collection Well-trained staff in fisheries statistics and data analysis	MBRD	Norwegian Government, DFAR, MoF	Dr. S.S.K. Haputhantri, Mrs. K.H.K. Bandaranayake, Dr. A.A.S.H. Athukorala, Mr. K.R. Dalpathadu, Mrs. D.G.T. Balawardhana, Mrs. H.M.U. Ayesha and Mrs. L.D. Gayathri.
						PT	23	50	77	100				
2.3.2	Fisheries independent bottom trawl surveys in the Kalpitiya coastal area	Kalpitiya trawling ground	Number of trawling stations covered Biomass and abundance estimations for shrimps and bi-catch Abundance estimations on fish larvae and eggs	0.600	01.01.2023-31.12.2023	FT	0.57	0.03	0	0	Data for time series Survey plans and reports Scientific publications	MBRD	SL Navy, DFAR, Trawling fishing community, Kalpitiya	Mr. S.S. Gunasekara, Dr. R.P.P.K. Jayasinghe, Dr. A.A.S.H. Athukorala, Mr. S. Thanusanth, Mr. M.P. Hendawitharana, Mr. R. Srikrishnan, Mr. G.K.A.W. Fernando and Mrs. L.D. Gayathri
						PT	50	75	85	100				
Fishing Technology Division														
3.1	Ecosystem monitoring of Fish Aggregating Devices (FADs) deployment sites to enhance the fish production and eco-tourism in coastal waters	Coastal zone of Sri Lanka (Trincomalee, Jffna, Polhe na)	Number of baseline data on FAD deployment events and fishing gear usage Number of maps produced on FAD deployment sites and their bottom condition based on side scan sonar survey Number of gears introduced to improve the fishery in FAD deployment sites Recommendations/issues identified in FAD deployment sites Amount of fish schools identified recruitment succession	1.500	01.01.2023-31.12.2024	FT	8.17	8.17	6.5	10	To assess the impacts of FADs and other anthropogenic marine infrastructure on wild marine species To increase the fish production of coastal areas. To increase the income of fisherman by reducing fishing searching time and operational cost To supply good quality fresh fish for consumers. To promote Eco-tourism associated with FAD deployed areas	FTD		Dr. W.N.C. Priyadarshani, Mr. H.M.T.C. Madhushanka, Mr. W.A. K. Prabath, Dr. R.P.P.K. Jayasinghe and Mrs. T.B.T.D. Samaranyake
PT	54.17	75.33	90	100										

Institute of Post Harvest Technology														
4.1	Study on the status of contamination of Heavy metals, and polycyclic aromatic hydrocarbons (PAH) in selected harbours and lagoons in Sri Lanka, and a study on the prevalence of antimicrobial resistance associated with market-available cultured shrimps	<ul style="list-style-type: none"> Lagoon -Negombo, Chilaw, Puttalam, Rekawa, Batticaloa, Kokilai, Jaffna Commercial Fishery harbours – Dikovita, Negombo, Chilaw, Beruwala, Mirissa, Trincomalee, Kalpitiya, Mannar, Jaffna Analytical chemistry laboratory – IPHT 	Number of publications Number of awareness programmes conducted	1.500	01.01.2023-31.12.2023	FT	0.32	0.38	0.425	0.375	Scientific publications on contamination and bioaccumulation of heavy metals, PAH and PCB in fish tissue, water and sediments in selected fishery harbours and lagoons Knowledge sharing with other scientific agencies Provide safety guidelines for fish consumers	IPHT	Ceylon Fishery Harbour Cooperation (CFHC)	Dr.K.W.S. Ariyawansa, Mrs.P.H.Ginigaddarage,Mr. K.G.S Nirbadha, Ms.KHKL Piyasiri and Ms S. Ranasinghe
4.2	Introduction of ready to eat snack type aquatic resource-based products and salted dried fish products	Fishery Districts	Key performance indicators – RTE snack product Development of new extruded product Conduct a consumer survey Research publication of the study Key performance indicators – Salted dried Pothubari Conduct salted drying trials. Introduction to the exporters in Sri Lanka Conduct technology transfer programs Research publication of the study Key performance indicators – Processing of fish leather Making rough estimation of the available amount of fish skin suitable for making leather Conduct processing trials with available equipments. Conduct awareness programme for technology transfer Key performance indicators – Loss assessment of small dried fish Estimation of losses during cooking of small dried fish	1.000	01.01.2023-31.12.2023	FT	0.27	0.43	0.19	0.11	A commercially viable protein-enriched RTE extruded snack product incorporated with fish protein hydrolysates extracted from high quality fish waste/ under-utilized fish. Available salted dried fish products in the local market. Availability of export quality fish products for dried fish exporters. Availability of record and leather product prepared with fish skin	IPHT	University of Sri Jayawardenapura	Dr..S. Ariyawansa ,Dr. P.S.Jayasinghe , Mr.D.S.Ariyaratna and Mrs.M.Paththuwearachchi
Environmental Studies Division														
5.1	Development of Coastal Water Quality Index (WQI) for Southern Beaches: A road to the Blue Flag Certification	Selected locations at Unawatuna, Mirissa and Polhena	Number of research papers published Water quality analysis reports Number of public awareness campaigns on the importance of protecting coastal recreational areas with the help of public and private media institutions	2.760	01.01.2023-31.12.2023	FT	1.1525	0.5025	0.6025	0.5025	Water quality index for the selected beaches Report on feasibility for the “blue flag certification” Final report on water quality analysis	ESD	Chemical and Microbiological Laboratory - Industrial Technology Institute	Dr. K.A.W.S. Weerasekara,Dr. A. A.D. Amaratunaga,Dr. N. D. Hettige,Ms. M.D.S.R. Maddumage,Ms. J. K. P. C. Jayawardhane,Ms. S.R.C.N.K. Narangoda,Mrs. B.P. Kalatuwawe,Mr. N.K.R.N. Jayawardena,Ms. S. Thirukeswaran and Mr. K. Premarathne
5.2	Investigation of causes for emergency incidents such as Oil Spills, algal blooms and fish kills (Emergency studies)	Any freshwater, brackish water or marine environment in Sri Lanka	Number of studies done Number of investigation reports provided	1.240	01.01.2023-31.12.2023	FT	0.2	0.2	0.2	0.64	Reports and recommendations on mitigation of pollution and preventive measures for similar incidents in future	ESD		Dr. K.A.W.S. Weerasekara,Dr. A. A.D. Amaratunaga,Dr. N. D. Hettige,Ms. M.D.S.R. Maddumage,Ms. J. K. P. C. Jayawardhane,Ms. S.R.C.N.K. Narangoda,Mrs. B.P. Kalatuwawe,Mr. N.K.R.N. Jayawardena,Ms. S. Thirukeswaran and Mr. K. Premarathne
National Institute of Oceanography & Marine Sciences														
6.1	Potential fishing zone forecasting Tuna Fishing Ground Advisory and Fisheries Information Service	All fisheries harbours in Sri Lanka	Number of advisories generated and disseminated (423 advisories) Validation of advisories (validation of 4 types) Prediction models and validation (2 new models) Research publications (2 publications)	1.300	01.01.2023-31.12.2023	FT	0.3	0.33	0.35	0.32	Validation of updated potential fishing grounds prediction model for yellowfin tuna and skipjack tuna New prediction models for bigeye tuna and billfishes Increasing the number of recipients Validating the forecast with logbook data and VMS data Increase the awareness of the usage of fishing ground advisories Publications	NIOMS	Department of Fisheries and Aquatic Resources,Service and Operation	Mr. S.S. Gunasekara and Mr.K. W. Indika
6.2	Prospecting and quantification of Garnet bearing sand deposit in South-Eastern coast of Sri Lanka as a tool to enhance the foreign exchange	southern coastline	Volume of Garnet Sand quantified	0.500	01.01.2023-31.12.2023	FT	0.269	0.01	0.074	0.147	Heavy mineral content Garnet sand quantification Major and trace element composition of sand	NIOMS		Mrs.T.B.D.T. Samaranyake, Mr.H.A.S.D. Perera and Mr. R.M. Jayathilake
6.3	Restoring lagoon dynamics and ecology under ecosystem-based approach: A case study of Lankapatuna lagoon in Eastern coast of Sri Lanka	Lankapatuna Lagoon	Number of field visits Number of in-situ field investigation conducted Number of water, sediment and plankton samples collected Number of Data and samples analyzed Number of publication	1.000	01.01.2023-31.12.2023	FT	0.263	0.237	0.263	0.237	Maps of circulation pattern, water balance, water renewal time and zonation identification in the lagoon. Baseline data collection in the different seasons for Numerical model validation and NIOMS database. Temporal and spatial variation of zooplankton and phytoplankton density, diversity and Ichthyoplankton distribution maps. Heavy metal concentration and distribution map (Hg,pb,Cd) – tentative (No of samples analyzed) Recommendations hydrological and ecological engineering applications for sustainable development of lagoon.	NIOMS		Mr.H.A.S.D. Perera,Mr. R.M.R.M. Jayathilaka, Mrs.T.B.D.T. Samaranyake,Mrs. N.G.L. Nadee Uthpala, Dr. K. Arulananthan, and Mr. Ashok weerakoon

6.4	Maintenance of Sea level monitoring network around Sri Lanka	Point Pedro, Trincomalee, Colombo, Mirissa, and Kirinda	Number of functioning sea level stations Number of new sea level stations established Number of sea level data set integrated into the sea level network at NARA Number of maps and images uploaded to the NARA web page Number of Publication related sea level variations around Sri Lanka Number of extreme event identified Number of report issued related ocean based destructive events. (DMC).	0.200	Continuous	FT	0.053	0.063	0.053	0.031	Quantification of annual sea level rise around Sri Lanka. Establishing of Sea level and meteorological observations network around the Sri Lanka Identification of real time /near real time destructive regional oceanic event. Development of oceanographic data base for research and national developments. Conservation of historical data for the research and national development Establishing a common platform to archive, quality-controlled data and information Strengthening the national disaster management system for ocean based disaster prevention, mitigation and management.	NIOMS		Mr.K.W. Indika and Mr.S.S. Gunasekara
National Hydrography Office														
7.1	National charting programme	Colombo-, Dickowita, Colombo-, Weligama	Nautical chart	2.800		FT	1	0.5	0.3	1	Fair Sheet of Nautical Chart from Colombo to Negombo with the scale of 1:100,000 by 2023 Fair Sheet of Colombo to Weligama with the scale of 1:100,000 by 2023	NHO		Mr.S.R.C. Ranaweera
						PT	32	59	80	100				
7.2	Establishment of Database and online data processing Unit for Crowd Sourced Bathymetry parallel with the Sea Bed 2030 global mapping project of the General Bathymetric Chart of the Oceans (GEBCO)/Nippon Foundation	Colombo	Bathymetry coverage by area	0.200	01.01.2021-31.12.2023	FT	0.04	0.06	0.06	0.04	Bathymetry database around Sri Lanka ,Bathymetric Surface map	NHO	Merchant Shipping Department	Mrs. Y.M.R.Nilupa Kumari, Mr.Anura Ariyaratna, Mrs.Anusha Wijesundara and Mr.Dulap Rathnayaka
						PT	16	33	58	100				
Socio-Economic & Marketing Research Division														
8.1	Value Chain Development of Tuna and Sea cucumber Fisheries in North-West, West and South Coast of Sri Lanka	Tangalle, Matara, Galle, Kalutara, Colombo, Negombo, Chilaw and Puttlam fisheries districts	Number of Preliminary study conducted Number of questionnaires & in-depth interviews Number of Material supports conducted Number of Technical support/Awareness programmes conducted	0.850	01.01.2023-31.12.2023	FT	0.169	0.280	0.275	0.126	Mapped value chains of Tuna and Sea cucumber Fisheries . Knowledge Improvement of value chain actors and other relevant stakeholders on value chains development of Tuna and Sea cucumber fisheries in Sri Lanka Technical and material support for value chain actor of Tuna and Sea cucumber Final reports and recommendations	SED		Mrs.D.U.W. De Silva, Mr.KPGL Sandaruwan, Mrs.TN Thilakarathne, Mrs.A. Lakmali and Mr A. Bandara
						PT	1	56	91	100				
8.2	Information Service- Fisheries Information Centre (FIC) of NARA and Industry Outlook	All Island	Number of inquiries received from the hotline Number of inquiries successfully solved Number of promotional material developed and distributed Number of industry analysis reports prepared	0.150	01.01.2023-31.12.2024	FT	0.033	0.033	0.051	0.033	Available fisheries information to satisfy reliable real time information needs of all stakeholders in the fisheries industry Beneficiaries (direct and indirect) Count (if possible) Publish fisheries information important for all the stakeholder of the fishing industry, General Public, Academicians and Researchers	SED	All the divisions	Mrs.A. Lakmali and Mrs.D.U.W. De Silva
						PT	23	46	76	100				
Monitoring and Evaluation Division														
9.1	Online Information Systems and Internet services	NARA Head Office	No of users access NARA web site and percentage. of highly accessed web pages	4.700	Continuous	FT	1.425	1.015	1.245	1.015	NARA web site and Mail system in operation, Trouble free internet access to NARA Staff	M and E	Lanka Education and Research Network All divisions of NARA	Mr. A.B.A.K. Gunaratne
						PT	18	80	95	100				
9.2	Library Services	NARA Head Office	No of user accessed online digital Library and user responses No. of users obtained library services	0.275	Continuous	FT	0.06	0.095	0.06	0.06	Strengthen the existing collection and services provide.	Library	Sri LankaLibrary Network	Chief librarian
						PT	19	75	93	100				
9.3	Extension services	NARA Head Office	Awareness materials produced against the target Awareness Programs Conducted against the target Use of display room and auditorium by visitors and NARA staff	0.325	Continuous	FT	0.055	0.08	0.08	0.11	Research findings and distribution among the stakeholders and aquatic resources sector, the scientific community and the general public will enhance the development of the fisheries and aquatic resources sector	Extension Office	All Divisions of NARA	Mr. D. V. S. P. Bandara
						PT	17	42	67	100				
Regional Research Center – Kapparahota														
10.1	Studying the suitability of deterrent pingers against depredation of hooked yellowfin tuna and mitigation of fisheries and marine mammal interactions	Kapparahota	Number of field Trips and questionnaires filled Number of trials completed	1.500	01.01.2022-31.12.2024	FT	0.36	0.36	0.36	0.42	Identification of suitable methods for depredation control Baseline information for marine mammal conservation Publications	RRC Kapparahota	Department of Fisheries	Mr.U.S.P.K. Liyanage and Mrs. Dilhari Weragodathanna
						PT	22	34	54	100				
Regional Research Center – Panapitiya														
10.2	Development of export oriented ornamental fish farming and aquafeed in Kalutara District	NARA Regional Research Center, Panapitiya, Kalutara	No. of fish breeding trials conducted No. of ornamental fish produced and sold Amount earned from fish selling Amount of fish feed produced and sold Amount earned from fish selling Number of Trainings conducted Number of insect based feed trails conducted Number insect based feed prototypes developed	1.500	01.01.2023-31.12.2023	FT	0.675	0.27	0.29	0.265	Quality fingerlings and brooders of popular ornamental fish for small-scale ornamental fish farmers. Properly trained ornamental fish farmers. Properly trained ornamental fish feed manufactures. Availability of economical fish feeds for ornamental fish farming. Number of insect based feed types 6. Reports and publications on the findings	RRC Panapitiya	NAQDA,IARAD/IPHT,Ornamental fish farming associations of Kalutara district	Mr. D. A. Athukorala (NARA),Dr. G. S. C. Perera (NARA),Mr. Krishantha (NAQDA)
						PT	29	48	81	100				
Regional Research Center – Rekawa														
	Development of livelihoods of fisher	RRC Rekawa, Rekawa,	Number of water/plankton/sediment samples analysis, number of zonation maps,		01.01.2023-	FT	0.254	0.292	0.164	0.19	Enhancing the livelihood opportunities of individual or		Environmental Studies Division	Mr.M. Gammanpila,Mr. K. W. R. R. Amaraweera and Mr.W. K.

10.3	communities through introduction of proper aquaculture technologies, environmental monitoring and introduction of nature based ecotourism in Rekawa lagoon, Southern Sri Lanka	Hambantota	Data base on hydrology, Number of technical reports, number of awareness programs, number of community/students visited/number of beneficiaries, number of cages/pens	0.900	31.12.2023	PT	25	50	62	100	communities in target areas (Rekawa lagoon) , Data base maintenance on variation of environmental parameters in Rekawa Lagoon, and earning income through tilapia/seabass farming.	RRC Rekawa	(NARA)	Suwandhahannadi
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Regional Research Center – Kalpitiya														
10.4	Present status of trammel net shrimp fishery in Kalpitiya coastal waters with some biological and socioeconomic aspects	Kalpitiya	No. of biological Samples collected No. of sampling sites visited per month Recommendations and Reports	0.500	01.01.2023-31.12.2023	FT	0.125	0.125	0.125	0.125	Scientific records on trammel net shrimp fishery in Kalpitiya Recommendations to prepare a management plan Resource utilization time series data Scientific reports and publications	RRC Kalpitiya	Fishing Community -Kalpitiya	Dr.R.P.P.K. Jayasinghe, Mrs.S. Thanusanth and Mr. R. Srikrishnan,
Regional Research Center – Kadollkelle														
10.5	Preliminary study on establishment of Green mussel (Perna viridis) culture in Negombo lagoon, Sri Lanka	Negombo, Trincomalee	Number of trials on spawning of green mussels, Number of spats survived at culturable state, Number of water sample regimes analyzed monthly per one culture cycle in lagoon	0.500	01.01.2023-31.12.2023	FT	0.21	0.095	0.105	0.09	Development of mussel culture practices in Negombo lagoon, Livelihood development of the fishery community in Negombo	RRC Kadollkelle	Fishing community	Mrs.S.H.U. Chathurani,Mrs. J.M.N.M. Jayasundara and Dr. J. Mallawaarachchi
						PT	20	50	80	100				
11	Laboratory test services	NARA Head Office	NO KPI	1.000	01.01.2023-31.12.2023	FT	0.1	0.2	0.2	0.5				
						PT	20	50	80	100				
Total(Research and Development)				35.000	01.01.2023-31.12.2023	FT	17.7265	15.9425	14.6035	18.0675				
						PT	20	50	80	100				
X-Press Pearl Environment Monitoring														
12	X-Press Pearl Environment Monitoring	Western Coastal Districts	Visits for observations Sample analysis completed against collected Report produce for thematic areas	2.000	01.01.2021-01.10.2023	FT	1	0.5	0.5	0	Midterm and long term environment assessment Information availability for environment restoration	ESD,MBRD, NIOMS,NHO, ARAD,IPHT and SED	Legal authorities Fishing community , fish consumers	Mrs. Shamali Weerasekara, Dr. K. Arulananthan, Dr. Prajani Heenatigala, Dr. Sujeewa Ariyawansa, Dr. N.Priyadarshani, Mr. Roshan Ranaweera and Mr. L.Amaralal
						PT	25	35	30	10				
Public Institutions-2201														
13	Acquisition of capital Assests	Head Office and RRCs	Procurement targets achieved as planned	50.000	01.01.2023-01.10.2023	FT	2	10	30	8				
						PT	10	20	50	20				
14	RRC Development	RRCs	Renovation of infrastructure to improve research facilities	10.000	01.01.2023-01.10.2023	FT	1	3	3	3		RRCs	S and O Division	Dr. Prabath Jayasinghe, Dr. M.Gammanpilla,Mr.Ananda Athukorala, Ms. Udeshika Chathurani, Mr. Upul Liyanagae
						PT	10	25	25	40				
15	Rehabilitation of capital Assests	NARA head office		30.000	01.01.2023-01.10.2023	FT	0.3	13.6	14.1	2				
						PT	25	50	75	100				
Total (Public Institutions-2201)				90.000	01.01.2023-01.10.2023	FT	3.3	26.6	47.1	13				
						PT	25	50	75	100				
Total (2023)				127.000		FT	22.0265	43.0425	62.2035	31.0675				
						PT	25	50	75	100				