

## PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2022-2023

Accounts 2020-2021	Budget Estimates 2021-2022	Revised Estimates 2021-2022	E-Code	Detailed Heads	Budget Estimates 2022-2023
<b>MH : 80 A : Grants from the State Government</b>					
6505674	1000000	3500000	CAR7003	K S C S T E Fellowships	5000000
0	100	100	CAR7004	KSCSTE Post Doctoral Fellowship in Bio-Technology	0
0	100	100	CAR7005	Aspire Scholarships	0
0	500000	500000	CAR7008	SPEED IT scholarships	0
2138571	3500000	3500000	CAR7009	KSCSTE Emeritus Scientist Scheme	3500000
0	6500000	6500000	CAR7051	N.S.O/N.S.C Schemes	6500000
114807	2000000	2000000	CAR7110	Refund of unspent balance of grants on schemes sponsored by Govt. of Kerala	2000000
0	400000	200000	CAR7162	M.Phil Bio-Informatics programme (KSITM)	0
0	200000	100000	CAR7164	Bio-Diversity, Bio-Activity and Chemical Ecology of Marine Sponges of Kerala and adjacent coasts	0
0	100000	100000	CAR7167	Conservation & Chemical Gene prospecting of Rare Endangered Threatned Medicinal plants	0
0	800000	400000	CAR7176	Biological sequence analysis using chaos game theory (KSCSTE - SARD Project)	0
0	100000	48000	CAR7184	Marine Bio-Diversity Informatics for Kerala	0
0	50000	50000	CAR7194	Application of isotopic techniques in assessing the sedimentation rate and pattern in the Vellayani fresh water lake, tvpm	0
0	600000	300000	CAR7203	Development of monoclonal antibodies and polyclonal antibodies for tumor antigen(AFP)-alphafeto protein for the development of ELISA based indigenous immunodiagnostic kits	0
0	100000	50000	CAR7204	River bank mapping of Vamanapuram river	0
0	20000	20000	CAR7216	Workshop on Precambrian platetectonics in South India	0
0	45000	45000	CAR7217	Recent Biochemicala approaches in therapeutics	0
0	100000	50000	CAR7218	Development of Holographic lens to use in Conjunction with Solar Cells	0
0	50000	25000	CAR7219	Synthesis of diphenolic-bis-2-aminothiazoles as novel antioxidants	0
0	100000	0	CAR7221	Indo-Slovenia conference on Graph Theory and Application (Indo - Slove 2013)	0
0	100	100	CAR7222	Endline survey on Knowledge, behaviour and practice of voters in Kerala	100
0	100	100	CAR7226	Conservation strategies and invitro production of anthraquinones in Gynochthodes umbellate(L) Razafim & B.Bremes (Rubiaceae) - a potential dye yielding plant	100
0	100	100	CAR7227	DNA barcoding Venam gland transcriptomics and proteomic analysis of major venomous snakes of Kerala region	100
0	200000	100000	CAR7229	Tectonic signature and PGE potential of Gabbroic Rocks in the moyar- Bhavani and Achankovil shear zone, Kerala	0

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0	20000	0	CAR7231	World Environment Day	0
0	400000	200000	CAR7233	Design and Development of Catalytic electrodes for electrochemical and biochemical generation of hydrogen and electricity	0
0	0	0	CAR7234	Scientific valuation of kashayams used in rheumatoid Arthritis(RA)	0
120070	500000	500000	CAR7235	Identification and validation of potential Micro RNA Biomarkers in Primary Cicatrical Alopecia	300000
0	50000	50000	CAR7239	Biomonitoring of Veli - Akkulam lake using aquatic insects	0
0	100	100	CAR7240	Baseline survey of Knowledge,Attitude and Practices(KAP) of the Citizens of Kerala	100
0	850000	400000	CAR7241	Taxonomic Diversity venom characterisation and environmental impact of jelly fish along Kerala coasts	800000
0	100	0	CAR7242	Granitoid in the Attappady valley and their role in building continental crust in the early earth	0
0	150000	0	CAR7245	Intenational conference on Statistics for 21st Century	0
0	75000	0	CAR7247	International Symposium on Comparative Endocrinology and Integrative Physiology (CEIP 2015)	0
0	100000	100000	CAR7251	Establishment of a functional Material laboratory at the Department of Physics	100000
0	1000000	500000	CAR7257	Injectable Biopolymer Hydrogels Laden with Select Phytochemicals for Neural Tissue Engineering	500000
145000	150000	150000	CAR7258	Documentary Film on the Travancore Observatory	0
0	1000000	500000	CAR7259	Micro RNA 9 Regulation of Neuro Regeneration: a Potential Therapeutic Strategy for Ischemic Stroke	500000
370060	551800	500000	CAR7260	Functional Magneto - Di electric Materials for Microwave Applications	500000
543937	1000000	1000000	CAR7261	Collection, Characterisation and Propagation of Garcinia Gummy - Gutta (L) Robs	450000
0	38000	0	CAR7262	National Workshop on Patent Law, Standards, Procedures and Litigation	0
0	41700	0	CAR7263	National Seminar on Photonics and it's Application	0
0	800000	800000	CAR7264	National Seminar on Recent Trends in Statistical Theory and Applications	800000
0	900000	900000	CAR7265	Roll of Mitochondrial K- ATP Channel in Neuroprotection in Parkinsons Disease Model and it's Theraputic Response to the Plant Withania Somifera and Morus Alba	900000
884400	80000	40000	CAR7266	National Conference on Discrete and Computational Mathematics	100
0	100	100	CAR7267	National Seminar on Modern Trends in conservation,utilization and improvement of plant Genet	100

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0	909000	909000	CAR7268	Petrogenesis of mafic and ultra mafic rocks of Wayanad,kannur and kasargod districts,kerala: Implications of	908000
485582	519000	519000	CAR7269	Identification and Source characterization of Arsenic contamination in ground water resources of Kasargod,Wayanadand Trivandrum Districts,Kerala ,India	30000
20000	0	0	CAR7270	Other Heads	0
50000	100	100	CAR7271	Ecofriendly Synthesis of wear refractory Boron Carbide using natural carbon resources	100
13000	100	100	CAR7272	Invitro studies and Phytochemical Analysis of vanda thwaitessi hook.f	100
3094000	1038000	1038000	CAR7273	Development of Polymer Nano Composite Based Microwave Absorbers for L&S Band Frequencies	182000
328955	0	405100	CAR7274	Fabrication and Characterization of Perovskite Solar Cells	450000
49535	0	0	CAR7275	National Seminar on Environmental status of Estuarine and Coastal Ecosystems in India	44000
93190	0	0	CAR7276	International Conference on Statistics for Twenty First century-2018(ICSTC-2018)	93200
10000	0	0	CAR7277	Evaluation of Pharmacological properties of Spatholobus Parviflorus(Roxb.Ex.Dc)Kutze	10000
12000	0	0	CAR7278	"Twinning Ozone with Life" One day Seminar on Ozone day Celebrations 2019"	12000
20000	0	0	CAR7279	World Wetland Day Programmes2019	20000
<b>14998781</b>	<b>35538500</b>	<b>26000000</b>	<b>Total of 80 A : Grants from the State Government</b>		<b>23600000</b>
<b>MH : 80 B : Grants from the UGC</b>					
0	5000000	1000000	CBR7301	U.G.C Research Fellowships	1000000
0	35000	35000	CBR7303	U.G.C National Fellowship	35000
0	500000	200000	CBR7305	U.G.C Research Associateships	500000
0	30000	30000	CBR7309	U.G.C Visiting Associateship	30000
0	100000	50000	CBR7310	U.G.C Research Fellowship/Associateship/ Assistance to Departments	100000
0	100	100	CBR7312	Emeritus Fellowship	100
0	200000	100000	CBR7313	Visiting Professors	200000
0	100	100	CBR7314	UGC Research Award	100
0	3000000	925000	CBR7315	Rajiv Gandhi National fellowship for SC candidates	1000000
0	400000	200000	CBR7317	Post Doctoral Fellowship for SC / ST candidates	320000
0	100	100	CBR7318	Dr.D.S.Kothari Postdoctoral Fellowship	100
0	3500000	2000000	CBR7321	UGC Research Fellowship in Sciences to Meritorious Students	3000000
0	3500000	1500000	CBR7322	Maulana Azad National Fellowship for Minority Student	1500000
0	100	100	CBR7323	Faculty Fellowship Scheme	100
0	100	100	CBR7324	Raman Post Doctoral fellowship	100

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0	400000	200000	CBR7325	PG Diploma in knowledge management under innovative programme Teaching and Research in Inter disciplinary and emerging areas during XI Plan	0
0	100	100	CBR7358	College Development Council	100
0	100	100	CBR7369	Centre for Women's Studies	100
0	100	100	CBR7371	U.G.C. Award of Research Scientists	100
6188303	2500000	2500000	CBR7372	Refund of unspent balance on grants sponsored by U.G.C	2500000
0	100	100	CBR7409	UGC Team Visit	0
0	100	100	CBR7437	Characterisation of Insects Corazonin and CDNA Cloning of the Gene	0
0	100	0	CBR7444	History and Evaluation of traditional Medicinal Sytems of Kerala with special reference to Ayurvedha	100
0	100	100	CBR7454	Financial assistance to the Dept. of Aquatic Biology & Fisheries (SAP)	100
0	300000	300000	CBR7457	Financial assistance to the Department of Mathematics under Special Assistance Programme	300000
0	100	100	CBR7458	Financial assistance to the Department of Geology under Special Assistance Programme	100
0	1000000	1000000	CBR7460	Financial assistance to the Dept. of Zoology (SAP)	100
0	1000000	1000000	CBR7464	Financial assistance to the Department of Political Science (SAP)	100
0	100	100	CBR7470	Dept. of Psychology - Innovative Programmes Teaching & Research in Tnterdisciplinary and Emerging areas	0
0	100	100	CBR7472	Synthesis and characterisation of Gold Nanoparticles for Plasmonic Applications	0
0	100	100	CBR7473	Trophic Modeling and Biodiversity Assessment of Fresh Water Lakes in Kerala for Conservation and Sustainable Management	100
0	100	100	CBR7475	The Genus Abelmoschus Medic (Malvaceae) in peninsular India: Its distribution, inter-and-specific diversity and relationships	100
0	100	100	CBR7476	Generalisation of Confluent hypergeometric distributions	100
0	8000	100	CBR7479	A study of the cultural and architectural expression of public spaces in kerala	100
0	100	100	CBR7480	Ethnobiographics: Representation of the other in dalit autobiographics	0
0	100	100	CBR7481	Sanskrit -Malayalam Dictionary	0
0	100	100	CBR7482	A study on foreign trade in principal agricultural products under WTO with special reference to kerala	0
0	100	100	CBR7485	Environmental degradation assessment of Fresh water lake in Kerala, South West India with special reference to conservation and management	0

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0	100	100	CBR7486	Environmental degradation assessment of Fresh water lake in Kerala, South West Habitat preference and documentation of fish diversity of Vellayani lake, Trivandrum Dist, Kerala	0
0	100	100	CBR7487	Impact of fundamentalism on Muslim youth in Kerala - Role of Islamic organisation	0
0	100	100	CBR7488	Influence of humanism in the theatrical world of P.J. Thomas and G. Sankarapillai	0
0	100	100	CBR7489	Design and development of a Multi-Media resource for teaching and learning of ready reference/sources in English	0
0	100	100	CBR7490	Contribution of Kerala to Vedanta Darshana	0
0	100	100	CBR7491	Sociolinguistic study of Malayalees in Delhi	0
0	100	100	CBR7492	Legal regulation of hospitals in the private health care sector (Study with reference to Kerala)	0
0	100	100	CBR7493	P.G Degree course under the scheme of human rights education under the Department of Law	0
0	100	100	CBR7494	Centre for Canadian Studies - Area studies program	100
0	0	0	CBR7497	Financial assistance to Institute of English(SAP)	100
0	100	0	CBR7500	Studies on the assessment of air quality in the surroundings of KMML industrial area and the Health impact of air pollution on the residents of Chavara, Kollam Dist, Kerala	0
0	100	100	CBR7500A	Taxonomy diversity and seasonal variations of aquatic insects of Kallar streams in Western Ghats, Kerala	0
0	100	100	CBR7500C	Privitisation of education and empowerment of minority communities- a case study of muslim community	0
0	100	100	CBR7500G	Synthesis characterisation of reactive graft co-polymers of classified cellulose with functional ligands for use as supports in enzymes immobilization and metal ion intake	0
0	100	100	CBR7500N	Evaluation propagation and invitroproduction of anthraquinones from Rubia Cordifolia 'L'	0
0	100	100	CBR7500O	Identification of cell-matrix interaction during chloride cell migration in fish gills	0
0	100	100	CBR7500Q	Relevance of women character of Bhasa in Modern age	0
0	100	100	CBR7500R	Moving extreme ranked set sampling and its application in parametric estimation	0
0	100	100	CBR7633	Taxonomy capacity bldg for research on Diptera	0
0	86100	40000	CBR8751	The study of mountain landscape and tribal lore of Kerala and it's correlation with Tamil Sangam Classics	40000
0	100	0	CBR8754	Communication problems of the mentally challenged children	0
0	100	0	CBR8756	Hindi-English-Malayalam Dictionary (in print,digital and online)	0

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0	42500	42500	CBR8758	Resistance literature against Portuguese Colonialism: Contributions of the Makhdums of Kerala	42500
0	100	100	CBR8760	Studies on the molecular mechanism of anti-inflammatory activity of the active principle of Oryza sativa Linn(Njavara) Tricicon on various inflammatory models	100
0	489000	100000	CBR8762	Modulation of reverse cholesterol transport by Butea monosperma bark extract in diabetes mediated atherosclerosis	200000
0	100	100	CBR8763	Impact of long term applications of pesticides on soil microbial activity and bioprospecting potential pesticide degrading bacteria from the cardamon plantation soils of Idukki District, Kerala	100
0	100	100	CBR8764	Eco and ethno aesthetics of the folk literature and performance of Kerala	100
0	100	100	CBR8765	Nutrient influx and phytoplankton dynamics on Meenachil River and their impact on productivity of Vembanad lake, Kerala India	100
0	100	100	CBR8767	Perceived social distance and interpersonal relationships of Dalit students in Kerala State	100
0	343000	343000	CBR8769	Social Cost of development - A Case study of displaced women in Kerala	300000
0	82000	82000	CBR8770	Deterministic modeling of the underlying dynamics of surface wind speed fluctuations with applications to Grid connected wind power generation	82000
0	100	100	CBR8771	A study of Eco- Aesthetics and culture depicted in the contemporary Hindi & Malayalam Poetry	100
0	3000000	3000000	CBR8772	UGC BSR Research startup Grant for newly recruited faculty at Asst. Professor level in Science department	3000000
600000	4000000	4000000	CBR8774	Faculty Recharge Programme	4000000
0	100	100	CBR8775	Maritime Security of India :The coastal security challenges and policy options	100
0	76000	76000	CBR8776	Issues of marginalisation and Role of the State : A study of the marine fisher -folk of kerala	76000
0	71600	71600	CBR8777	Economics of Higher Education in Kerala: A focus on expansion Efficiency and equity	71600
0	100	100	CBR8779	Ecosystem Service Assessment and Mapping for Sustainable Management of Wetlands in Kerala - India	100
0	100	100	CBR8780	Indian and its Parts: Present and Past	100
0	100	100	CBR8781	SWAYAM Examination	100
<b>6788303</b>	<b>29668400</b>	<b>18800000</b>	<b>Total of 80 B : Grants from the UGC</b>		<b>18300000</b>

**MH : 80 C : Grants from the Government of India**

5553624	10000000	7500000	CCR7502	Inspire Fellowship	10000000
25300000	30000000	25000000	CCR7551	Comprehensive Scheme on study of the cost of Cultivation of Principal Crops in Kerala	25000000
5666465	15000000	20000000	CCR7553	Population Research Centre	22500000

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166639	2000000	2000000	CCR7558	Refund of unspent balances of grants on schemes sponsored by Government of India	2000000
0	550000	200000	CCR7615	Improvement of S & T infrastructure in the Dept. of Zoology under DST-FIST programme	300000
0	100	100	CCR7631	Fin. Asst.to the Dept. of Maths ( DST / FIST )	100
0	70000	70000	CCR7645	Monitoring harmful algal bloom and phycotoxins along South-west coast of India	70000
0	1000000	500000	CCR7645A	Monitoring harmful algal bloom in the EEZ	500000
0	83200	83200	CCR7654	Conservation strategies Pharmacological evaluation of Uteria Salicifolia Hook. F. and endangered ethnomedicinal plant of Western Ghats	83200
0	1300000	600000	CCR7657	Financial assistance to Department of Computer Science	600000
0	400000	200000	CCR7659	Safe & Effective Water Harvesting site selection model based on critical slope analysis using remote sensing	200000
0	1000000	1000000	CCR7662	Establishment of Bio-Informatics infrastructure facility for the promotion of Biology Teaching through Bio-Informatics	500000
0	1000000	500000	CCR7674	Bio conjugation of Nano materials and their application in Cancer Therapy	500000
0	700000	300000	CCR7679	Molecular characterisation & proteomic expression of insect JHAMT GENE	300000
0	100000	50000	CCR7689	Gamma radiation impact assessment at Proteomic and genomic level in representating anthropod fauna	50000
0	400000	200000	CCR7699	Financial Assistance to Department of Statistics (DST)	200000
0	100	100	CCR7700	Financial assistance for organizing international conference on groupoids,semigroups&automata(DST)	100
0	300000	275000	CCR7700B	On 4 graphs and the remoteness function on 4 graphs	300000
3785186	23500000	10000000	CCR9251	PURSE programme	10000000
0	100000	100000	CCR9253	Design and Development of low repetition rate and high pulse energy fiber laser based on large mode area fiber and photonic crystal fiber for laser cleaning application	100000
0	400000	200000	CCR9254	Cue from chemical defense of Indian Echinoderms to derive anticancer and immunomodulatory molecules	200000
0	700000	350000	CCR9255	Biodiversity, DNA barcoding & phylogeny of commercially valuable marine molluscs of India	271000
0	100	100	CCR9257	Biocomposite based orthopedic implants from shrimp waste and marine algae	100
0	100	100	CCR9259	Indo Slovenia conference on Graph theory and Applications	100
0	5000000	2000000	CCR9260	Centre of Excellence for Training and Research in Frontier area of Science & Technology	2000000
0	100	100	CCR9261	Symposium on sustainable management of Biodiversity using Science and Technology	100

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0	150000	150000	CCR9262	Publication of Heritage journal of multidisciplinary studies in Archaeology	150000
0	100	100	CCR9263	International seminar on India's foreign Policy strategies through the 21st century	100
0	400000	200000	CCR9264	Transit functions Betweenness and community structure	200000
0	500000	500000	CCR9265	Enhanced degradation of synthetic textiles dyer in constructed wetland system using Aquatic weeds	500000
0	100	100	CCR9266	Role of Nitric oxide in the stress response of fish	100
0	300000	300000	CCR9268	Environmental isotope investigation to assess surface water, ground water interactions in Karamana	300000
0	1200000	1200000	CCR9269	Diversity of Benthic Communities and their Response to Organic Carbon Sedimentation in the Vembanad Estuary, a Tropical Ramsar Site in Kerala, India	600000
0	0	0	CCR9270	Development of Alternative Sustainable Fish feeds to Promote Human health using novel non- conventional indigenous ingredients	3000000
0	0	0	CCR9271	Evaluating Costs and Benefits of Prophylactic Health Products and Novel alternatives on Small holder aqua culture farmers in Asia and Africa (IMA Qualate)	650000
0	1305100	1305100	CCR9272	Evaluate the disruption of Cholesterol Homeostasis on Hair follicle Cycling and Stem Cell functions in alopecia	1305100
0	3100000	3100000	CCR9273	Financial Assistance to the Department of Biochemistry under FIST Programme	3100000
843000	1716000	1716000	CCR9274	Development of Cold Sintered Di electrics for Electronic Applications	970000
700000	0	0	CCR9275	Germplasm Conservation nad Phyto chemical Evaluation of Adhathoda beddamei CBCI(cittadalotakam)	850000
<b>42014914</b>	<b>102275000</b>	<b>79600000</b>	<b>Total of 80 C : Grants from the Government of India</b>		<b>87300000</b>
<b>MH : 80 D : Grants from Other Agencies</b>					
0	5000000	2500000	CDR7701	CSIR Scholarships and Research fellowships	500000
0	137500	137500	CDR7703	ICSSR Fellowships	100000
0	500000	250000	CDR7705	ICHR Fellowships	500000
0	100	100	CDR7707	Rashtriya Sanskrit Samsthan Scholarships	0
458458	1000000	600000	CDR7709	ICMR Fellowships	1000000
0	200000	100000	CDR7713	Emeritus Scientistships (CSIR)	200000
0	500000	200000	CDR7715	AICTE Scholarships	500000
0	200000	100000	CDR7717	ICPR Fellowships	200000
0	200000	100000	CDR7718	BINC Fellowships	200000
0	200000	200000	CDR7719	C V Raman International Fellowships	200000
2179980	2500000	1500000	CDR7720	SERB National Post Doctoral Fellowships	2000000
460000	500000	500000	CDR7721	Asuthosh Mookerjee Fellowhip	500000



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0	0	30700	CDR7722	ICSSR Short Term Doctoral Fellowship	50000
300000	700000	700000	CDR7723	Ramanujan Fellowship(SERB)	700000
0	0	520000	CDR7724	ICSSR Doctoral Fellowships	520000
0	0	0	CDR7725	ICMR Emeritus Scientist Schemes	300000
198500	700000	700000	CDR7726	ICSSR Post Doctoral Fellowships	700000
0	100000000	60000000	CDR7751	Lumpsum provision for new Research Schemes	80000000
288588	2000000	2000000	CDR7776	Refund of unspent balance of grants sponsored by other agencies	2000000
2680	0	0	CDR7828	Salary to staff of CACEE	0
0	27000	27000	CDR7848	A study on abortions in Kerala - A qualitative assessment	0
0	329000	150000	CDR7853	An evaluation of Women ICT based projects in Kerala and its viability in other states of India	0
0	400000	200000	CDR7862	Molecular Endocrine model mechanism of insect metamorphosis and JH acid as the key regulator	0
0	500000	250000	CDR7878	Studies on the regression of alcohol induced toxicity (ICMR)	0
490425	500000	500000	CDR7880	Orientation programmes/Scholar in residence program under erudite scheme	600000
0	50000	50000	CDR7884	Preparation of field guide in marine animals of Kerala Coast	50000
0	100000	50000	CDR7887	Rejuvenation of ponds to revive the water environment of problematic blocks of Kerala: A spatial information system and accomplishment plan for Trivandrum and Kollam District(Environment Management Agency, Kerala)	100000
0	200000	100000	CDR7894	Computer lab in the competency training centre	200000
0	100	100	CDR7898	Inculcate Science propogation programme	100
0	100000	0	CDR7899	Development of monoclonal antibodies and polyclonal antibodies for tumor antigen AFP for the development of Elisa based indigenoeus immuno diagnostic kits	0
0	100000	100000	CDR7901	Development of a musically adapted multimedia package to foster improvement in the social skills of trainable mentally challenged persons	100000
0	100000	100000	CDR7905	Symposium on sustainable management of Bio diversity using science & technology	100000
0	100	100	CDR7911	Travel Grant	0
0	100	100	CDR7919	Vakkom Mohammed Abdul Khadir Moulavi Memorial Lecture	0
0	100000	100000	CDR7920	Implication of development induces displacement:Experience from Kerala	100000
0	25000	0	CDR7922	Bioinformatics National Certificate Examination(BINC)	0

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0	1000000	500000	CDR7927	Biosystematics and ecology of sub family chloropinea .( Diptera chloropidea). of India and Study of species and genetics complexes using molecular techniques	500000
0	1000000	500000	CDR7933	Financial assistance to Department of Environmental Sciences	500000
0	550000	250000	CDR7934	Synthesis of a library of 2,3-dihydro furan derivatives-potential candidates for showing antimycobacterial activity	250000
0	800000	800000	CDR7936	Identification and Functional analysis of acid base regulations during stress response in a fresh water air- breathing fish Anabas testudineus	800000
0	300000	208000	CDR7943	Spaces of Political protests in India, Competition, Conflict and co-operation between party and non party organizations	200000
0	100	100	CDR7944	Evaluation study of MGNREGS	0
0	25000	25000	CDR7949	Gender dispacities in Academic opportunities	25000
0	100	100	CDR7953	Studies on the impact of repeated pesticide application on soil microbial activity and screening of organo phosphorus pesticide degrading bacteria	0
0	100000	100000	CDR7954	Feedback study on VKTER - Tele Education Network at Kerala	100000
0	600000	300000	CDR7957	Synthesis and reaction of Vicinel Tricarbonyl Compounds and Related System	300000
0	15000	15000	CDR7958	Career award for Young teachers( CAYT)	5000
0	500000	250000	CDR7962	Micro RNAs in essential Hypertension: Understanding the role of SNPs in miRNA binding sites in 3 UTRs of target candidate genes influencing blood pressure	250000
0	400000	200000	CDR7964	Designing in expensive transition metal catalysts for C-Z (Z=S, Se and Te ) boad formation using atom economy addition reaction : A Computational Investigation	200000
0	250000	100000	CDR7967	Advanced photon flux density measurements for photonic info- energy transfer detection	100000
0	200000	100000	CDR7971	Dietary fat related histone modifications relevant to inflammation	100000
0	70000	70000	CDR7974	Classical aspects of Tamil and Malayalam Languages	70000
0	50000	50000	CDR7976	Gender gap to Innovation and Disparity in STEM Education: An Enquiry into their Linkages in University of Kerala	50000
131035	43400	43400	CDR7978	Novel inorganic double perovskites	45000
0	300000	300000	CDR7979	The coastal security of India:A study on the Role of coastal community	300000
0	900000	400000	CDR7981	Survey and mapping of Exotic Fresh water biodiversity in Kerala using Geographic information system	400000
0	625000	625000	CDR7987	Nano Materials based biosensing for detecting hypoxia and induction of angiogenesis	600000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2022-2023**

<b>Accounts 2020-2021</b>	<b>Budget Estimates 2021-2022</b>	<b>Revised Estimates 2021-2022</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2022-2023</b>
0	2570000	500000	CDR7988	Glass free magneto-dielectric materials for LTCC applications	500000
0	814500	814500	CDR7989	A systematic study on the landslides on valles marineris using data of varying resolution and scales	150000
0	100000	100000	CDR7991	Multidimensional research on population ageing in Kerala	100000
568000	816000	816000	CDR7992	GIAN Programme	816000
0	380000	380000	CDR7993	Development of comprehensive species data sheets for Indian Marine Molluscs	380000
0	100000	50000	CDR7994	New frontiers in cytogenetics and XIIth Conference of the Society of Cytologists and Geneticists	100000
0	850000	400000	CDR7997	Anti or proinflammatory effects of Dietary pulses	100000
0	100	100	CDR7998	One basic program on Human rights	100
0	100	100	CDR9751	Combating Corruption:The Discourse of Developmental Democracy vis-a-vis Bureaucracy	100
0	100	100	CDR9752	National Young Leaders Award - NSS	0
0	100	100	CDR9753	Gender at the Intersection of Identity and Community: Viewing the Landscape of Culture in the Changing World	100
0	100	100	CDR9754	Rights of Dalits, Tribals and Religious Minorities	100
0	150000	150000	CDR9755	Production and supply of Quality seedlings of selected Medicinal Plants	150000
0	100	100	CDR9756	Maritime Archaeology with special reference to Indian Ocean Countries	100
0	750000	750000	CDR9757	Studies on the Molecular Mechanism of Self-incompatibility in Ananas Comosus (L) Merr	750000
0	100	100	CDR9759	Pre- Poll By - election survey in Chengannur Constituency	100
0	100	100	CDR9760	Workshop on Biofloc Technology	0
0	50000	50000	CDR9761	Technological Scaffold to visually challenged students at Higher Secondary level in Kerala	50000
0	220000	220000	CDR9762	Study on certain Hypertension related distribution	220000
726762	1557800	1557800	CDR9763	Ortho paedic Tissue Engineering - Repair injured Rabbit tendon	740000
550000	1215500	1215500	CDR9764	Bio prospecting Barcoding and invitro culturefor sustainable utilisation of two selected RET listed medicinal plants Piper barberi and Smilax wightii	620000
0	100	0	CDR9765	National Seminar on Challenges of Human Rights in the 21st Century and Sustainable Development Goals	0
170000	220000	220000	CDR9766	Axiomatics of Betweenness in Discrete structures	240000
0	100	100	CDR9767	Workshop on Quality Research and Knowledge creation	100
0	100	100	CDR9768	Agro Ecology : "Action Research and Education; India - Norway Co-operation"	100

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0	100	100	CDR9769	INSPIRE Faculty Research Grant	100
0	100	100	CDR9770	Awareness Programme on NAAC Accrediation	100
0	100	100	CDR9771	World Philosophy Day 2018	100
631712	500000	500000	CDR9772	Next food-Educating the next generation of professionals in the agrifood system	700000
65203	66000	66000	CDR9774	Inventory and Evaluation of spread ecology of the Riverine Flora of Achankovil River basin,Kerala	20000
7197	112500	112500	CDR9775	Studies on Invasive Alien plant species in the flood affected areas of Karthikapally Taluk,Alappuzha District.	80000
85918	114000	114000	CDR9776	Assessment of Native and Exotic Ichthyodiversity status of River Bharathapuzha,Periyar and Pamba.	20000
724200	50000	50000	CDR9777	Concurrent Evaluation on National food security act.	50000
0	189000	189000	CDR9778	Significant challenges inAcademics as perceived by visually challenged students of secondary schools.	189000
0	100000	303600	CDR9779	Unravelling submarine groundwater discharge zones along the Indian subcontinent and its Island9mission-SGD)"PILOT STUDY"	100000
0	0	0	CDR9780	Provectus Plantae-2019 International conference on exploring the scope of plant Genetic resources	0
220000	440000	440000	CDR9781	Bayesian density estimation using ranked set sampling	220000
0	0	0	CDR9785	National Seminar	0
270000	540000	540000	CDR9786	Linkages between STEM Education and STEM employment:An inquiry into identifying skill gaps and policy distortions	500000
0	50000	50000	CDR9787	Technology integration and pedagogy for the visually challenged students at Higher secondary level in Kerala:A Study on the provisions and their expectations	50000
300000	600000	600000	CDR9788	Decisive factors of college success in the midst of quality intervention of RUSA	100000
0	100	100	CDR9789	Experiential learning with Indian Educators collecting local data to share with politicians and Scientists	0
0	100	100	CDR9790	Scientific Identification and Documentation of Trees in Pangode Military station	100
62500	100	62500	CDR9791	The Geo-Politics of Indo-Pacific: Perceptions,Oppurtunities and Challenges	100
709500	709600	709600	CDR9793	Collaborative Study on Agriculture Marketing Infrastructure in Kerala	240000
44000	0	0	CDR9794	Seven Day Workshop on Research Methodology Course for PhD Students	44000
0	540000	540000	CDR9795	Households Drinking Water and Sanitation in Urban Kerala	540000
0	440000	440000	CDR9796	A Study on Geometric Vitality Function of Ordered Random Variables	440000

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0	0	50000	CDR9797	International Seminar on Population Nutrition and Development	0
0	50000	50000	CDR9798	A Study on the Academic Self Concept and Goal orientation of Prospective Teachers	50000
589000	464000	464000	CDR9799	Surveillance of Antibiotic Microbial Resistance in Selected Surface Waterbodies of Thiruvananthapuram District	464000
0	0	0	CDR9800	Environmental Culture and Development Discourses and Intersections	0
0	0	0	CDR9801	National Seminar on Environmental studies of Estuarine and coastal Ecosystems in India	0
0	0	0	CDR9801A	Other Heads	0
495000	0	0	CDR9802	A study on the perceived training need of prospective school teacher's of Meghalaya and Kerala:A special focus on management of visual challenges	100
100000	0	0	CDR9803	International Seminar on Field Archaeological perspectives from Iron Age- Early Historic South India	0
277626	0	0	CDR9804	Survey & Analysis on Ethnobotanical Resources Parent Status and Livelihood of Tribal Communities in Flood Affected Areas of Vazhichal,Thrissur Dist.	270000
836000	0	0	CDR9805	Establishing Rain Water harvesting /Aquifer and Selected Households in Amboori Village Thiruvananthapuram	836000
300000	0	0	CDR9806	Four day international Conference on 27th Annual Conference of Indian Art History Congress and International Conference on Asian Art	300000
645615	0	0	CDR9807	Flood Hazard map to water Management Planning	434000
234052	0	234100	CDR9808	Blue Character Knowledge Exchange Grant Scheme 2020	100
263010	0	263100	CDR9809	Educational Technology Implementation in Teaching and Learning	100
93500	0	93500	CDR9810	"Sustainable Marine Fisheries and Aquaculture: Policies, Packages and Perspectives in Blue Economy Paradigm" Golden Jubilee Conference and Lecture Series Grants(GJCLSG)	0
0	0	2500000	CDR9811	Establishment of RET Medicinal Plant Seed Centre for Biodiversity Conservation	100
0	0	0	CDR9812	The Deep - Sea decapod crustaceans of Indian seas: taxonomy and Biography	300000
0	0	0	CDR9813	The Philosophical contribution of Swami Agamananda in the cultural Renaissance of Kerala	120000
0	0	1915000	CDR9814	Studies on the effect of Gut Derived Microbial Fatty Acids on Lysosome Biogenesis and Extracellular Vesicle production in mouse models of Alzheimer's Disease	1000000
0	0	233800	CDR9815	Shastri Research Grant - Shastri Indo Canadian Institute	0

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0	0	402000	CDR9816	Clean and Green Technology for Water Purification	1800000
0	0	272000	CDR9817	Evaluate various in Vitro and in Viva Studies of Natural Products and extracts to exploit their Potential Safety for Skin/Hair Health applications "Elucidating the effectiveness of CurQ skin in the Skin Cancer Induced Animal Models"	100
0	0	477800	CDR9818	Exploring the activity of Plant Derivatives on hair growth in alpecia modulating through Nuclear and Xerobiotic Receptors	100
<b>13478461</b>	<b>139358100</b>	<b>95500000</b>	<b>Total of 80 D : Grants from Other Agencies</b>		<b>11000000</b>
<b>77280459</b>	<b>306840000</b>	<b>219900000</b>	<b>TOTAL OF PART III : EARMARKED FUNDS</b>		<b>239200000</b>