

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts</b> <b>2014-2015</b>	<b>Budget</b> <b>Estimates</b> <b>2015-2016</b>	<b>Revised</b> <b>Estimates</b> <b>2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget</b> <b>Estimates</b> <b>2016-2017</b>
<b>MH : 80 A : Grants from the State Government</b>					
8217979	8000000	8000000	CAR7003	K S C S T E Fellowships	8000000
0	100	100	CAR7004	KSCSTE Post Doctoral Fellowship in Bio-Technology	100
0	1500000	200000	CAR7005	Aspire Scholarships	50000
0	250000	250000	CAR7006	Kerala State Suvarna Jubilee Merit Scholarships	250000
331000	500000	500000	CAR7008	SPEED IT scholarships	500000
0	100	1150500	CAR7009	KSCSTE Emeritus Scientist Scheme	1200000
36780	0	0	CAR7010	National workshop on the promise and perils of patenting Genes and Diagnostics	0
6754000	8000000	8000000	CAR7051	N.S.O/N.S.C Schemes	8000000
218144	1500000	1500000	CAR7110	Refund of unspent balance of grants on schemes sponsored by Govt. of Kerala	1500000
0	100	100	CAR7122	Kinematics of Achencovil Shear Zone, Kerala	100
0	5800	5800	CAR7135	Microbial Single Cell Protein for Juvenile Fish	5800
0	222000	222000	CAR7137	Biochemical investigations on different types of human cataractous lens	0
0	96000	96000	CAR7142	SARD Project - KSESTE (2) strengthening & lab infrastructure & other facilities mainly in the academic institutions & colleges (3)allocation of core grants for the augmentation of R & D centres	0
0	100	100	CAR7143	Conservation through micro propogation of selected Rare & Endangred Rauvolfia spp of the Western Ghats (W.G.D.P)	100
0	100	100	CAR7146	Competency Training Centre	100
0	100	100	CAR7154	Sustainable and site specific rain water harvest methods for the over exploited Chirayinkizhu Block	100
0	320100	320100	CAR7155	Bio-Genic tranformation of Mercury in Vembanad Lake at Kochi	100
0	100	100	CAR7158	Development of safe and effective vaccine against Marek's disease in chicken	100
0	150000	150000	CAR7161	Sustainable water harvesting - Site selection based on critical slope analysis	150000
0	405500	405500	CAR7162	M.Phil Bio-Informatics programme (KSITM)	405500
0	196600	196600	CAR7164	Bio-Diversity, Bio-Activity and Chemical Ecology of Marine Spongs of Kerala and adjacent coasts	196600
0	100	100	CAR7165	Studies on Anti Inflammatory effects on Bacopa	100
0	100	100	CAR7166	Micropropogation of selected rare and exquisite orchids of Agasthyamala, A biodiversity hot spot in the western ghats	100

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100000	100000	CAR7167	Conservation & Chemical Gene prospecting of Rare Endangered Threatned Medicinal plants	100000
0	100	100	CAR7169	Purification, Characterisation, Possible Cloning and Expression of protein showing anti-fertility aspora & Ricinus Communis	100
0	100	100	CAR7170	Diabetic Heart and its relationship with Cardiac Hypertrophy Specific Serum Protein of molecular weight	100
0	291500	291500	CAR7171	Bacteria and Streptomicetes as Bio-fertilizers in Acqa culture ponds and integrated farming	100
0	100	100	CAR7173	Resource centre for Malayalam Language (Creation of a corpora for Malayalam Language)	100
0	803000	803000	CAR7176	Biological sequence analysis using chaos game theory (KSCSTE - SARD Project)	803000
0	100	100	CAR7177	Studies on Conservation of Thottea Barberi (Gamble) Ding Hou (Aristolochiaceae)	100
0	100	100	CAR7180	Reproductive Biology and Molecular Characterisation (KSCSTE)	100
0	100	100	CAR7180	Setting up of Centre of Excellence in Geoinformation Science & Technology	100
0	100	100	CAR7183	"National Seminar on ""From Chromosomes to Genomes - Challenges and prospects"""	100
0	100000	100000	CAR7184	Marine Bio-Diversity Informatics for Kerala	100000
0	100	100	CAR7185	National Interdisciplinary seminar on Science, Technology and Law	100
0	100	100	CAR7186	Structure and composition of garnet minerals in beach places of Kerala and parts of Tamilnadu	100
0	100	100	CAR7187	Evaluation and propogation of Annato(BixaOrellanal) A food dye yielding plant	100
0	100	100	CAR7188	Modernisation of Journalism Department and for starting short term courses in Journalism	100
0	100	100	CAR7189	International workshop on stress physiology and endocrinology(KSCSTE)	100
0	478500	478500	CAR7190	Fresh water minerals of kerala useful for monitoring water quality(KSCSTE)	100
0	100	100	CAR7191	Establishment of IPR Cell	100
0	100	100	CAR7192	Water Resource challenges and Management	100
0	100	100	CAR7193	Department of Economics - Academic Development programmes	100
0	50000	50000	CAR7194	Application of isotopic techniques in assessing the sedimentation rate and pattern in the Vellayani fresh water lake, tvpm	50000
0	100	100	CAR7195	Souce characterisation and remediation of fluoride contamination in ground water resource of Chittoor block, Palghat District Kerala	100

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts</b> <b>2014-2015</b>	<b>Budget</b> <b>Estimates</b> <b>2015-2016</b>	<b>Revised</b> <b>Estimates</b> <b>2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget</b> <b>Estimates</b> <b>2016-2017</b>
0	100	100	CAR7196	Augmentation of ground water recharge in the over exploited Kasargod Block, North Kerala - Development of GIS based decision support system	100
0	100	100	CAR7197	Grants for Indian Science Congress	100
0	100	100	CAR7199	Coaching for SC/ST youth for NET/SET/ISE through CACEE	100
0	3000000	3000000	CAR7200	Construction of post metric hostels for SC/ST girls	3000000
0	100	100	CAR7201	International symposium christened Bioinformatica Indica 2010	100
0	100	100	CAR7202	National seminar on photonic materials	100
0	600000	600000	CAR7203	Development of monoclonal antibodies and polyclonal antibodies for tumor antigen(AFP)-alphafeto protein for the development of ELISA based indigenous immunodiagnostic kits	600000
0	100000	100000	CAR7204	River bank mapping of Vamanapuram river	100000
0	0	0	CAR7206	Sustainable management of biodiversity using Science & Technology and Children's Science meet	100
0	0	0	CAR7207	National Science Day Celebrations	100
0	0	0	CAR7208	National seminar on Algebra,analysis and discrete mathematics	100
0	0	0	CAR7209	International workshop on free software for better Geospatial intelligence	100
0	0	0	CAR7210	International conference on climate change,forest resource and environment	100
0	0	0	CAR7211	Emerging statistical tools in life sciences	100
0	0	0	CAR7212	Relevance of Malayalam in the field of IT (info Tec)	100
0	0	0	CAR7213	National Workshop on Characterisation of Advanced Material	100
0	0	0	CAR7214	South Indian History Congress	100
376922	700000	700000	CAR7215	An investigation of the effects of natural anti-inflammatory agents on Toll like receptors(TLRs) signalling pathway in oxLDL activated human monocytes	300000
0	20000	20000	CAR7216	Workshop on Precambrian platetectonics in South India	20000
0	47000	47000	CAR7217	Recent Biochemicala approaches in therapeutics	47000
474225	350000	350000	CAR7218	Development of Holographic lens to use in Conjunction with Solar Cells	350000
314346	610000	610000	CAR7219	Synthesis of diphenolic-bis-2-aminothiazoles as novel antioxidants	610000
60000	0	0	CAR7220	National conference on Statistics for 21st Century	0

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100000	100000	CAR7221	Indo-Slovenia conference on Graph Theory and Application (Indo - Slove 2013)	100000
195705	195800	195800	CAR7222	Endline survey on Knowledge, behaviour and practice of voters in Kerala	200000
0	100	100	CAR7223	National seminar on number theory and Ramanujan's contributions	100
0	100	100	CAR7224	World Environment Day2013	0
0	1000000	1000000	CAR7226	Conservation strategies and invitro production of anthraquinones in Gynochthodes umbellate(L) Razafim & B.Bremes (Rubiaceae) - a potential dye yielding plant	1000000
0	1000000	1000000	CAR7227	DNA barcoding Venam gland transcriptomics and proteomic analysis of major venomous snakes of Kerala region	1000000
979760	1000000	1677600	CAR7228	Identification of time course analysis of micro RNAs of Black pepper (Piper Nigum L)in response to viruses involved in stunted disease an expression of amiRNA for stable virus	1000000
783320	200000	525900	CAR7229	Tectonic signature and PGE potential of Gabbroic Rocks in the moyar- Bhavani and Achankovil shear zone, Kerala	200000
11500	0	0	CAR7230	Effect of industrial pollution on soil quality - A case study of Travancore Titanium products ltd Veli Trivandrum	0
18000	0	20000	CAR7231	World Environment Day	20000
80000	0	0	CAR7232	Disaster Risk and Vulnarability	0
1620000	0	0	CAR7233	Design and Development of Catalytic electrodes for electrochemical and biochemical generation of hydrogen and electricity	900000
1191200	0	1191200	CAR7234	Scientific valuation of kashayams used in rhuematoid Arthritis(RA)	0
0	0	1529300	CAR7235	Identification and validation of potential Micro RNA Biomarkers in Primary Cicatrical Alopecia	1000000
0	0	655000	CAR7236	Baseline survey on knowledge, Attitude, Behaviour and Practice of voters in Kerala	0
0	0	50000	CAR7237	National conference on foresight and Technology futures	0
0	0	35000	CAR7238	National workshop on Human Rights Dimensions of Intellectual Property Right	0
0	0	50000	CAR7239	Biomonitoring of Veli - Akkulam lake using aquatic insects	0
0	0	700000	CAR7240	Baseline survey of Knowledge,Attitude and Practices(KAP) of the Citizens of Kerala	0
<b>21662881</b>	<b>31894900</b>	<b>36979300</b>	<b>Total of 80 A : Grants from the State Government</b>		<b>31762000</b>
<b>MH : 80 B : Grants from the UGC</b>					
100000000	75000000	75000000	CBR7301	U.G.C Research Fellowships	85000000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100000	100000	CBR7302	U.G.C Research Fellowship in Hum	100000
0	50000	50000	CBR7303	U.G.C National Fellowship	50000
0	500000	500000	CBR7305	U.G.C Research Associateships	500000
3067000	3800000	100	CBR7306	Selection of U.G.C Research fellows / National Eligibility Test	100
0	30000	30000	CBR7309	U.G.C Visiting Associateship	30000
0	100000	100000	CBR7310	U.G.C Research Fellowship/Associateship/ Assistance to Departments	100000
0	1200000	1200000	CBR7312	Emeritus Fellowship	100
0	200000	200000	CBR7313	Visiting Professors	200000
4661127	7000000	7000000	CBR7314	UGC Research Award	7000000
0	10000000	2500000	CBR7315	Rajiv Gandhi National fellowship for SC candidates	10000000
0	300000	300000	CBR7316	Rajiv Gandhi National fellowship for ST candidates	300000
0	400000	400000	CBR7317	Post Doctoral Fellowship for SC / ST candidates	400000
0	100	100	CBR7318	Dr.D.S.Kothari Postdoctoral Fellowship	100
0	1000000	200000	CBR7319	Indira Gandhi PG Scholarships for single girl child	100
0	200000	50000	CBR7320	PG merit Scholarship for University Rank Holders	100
2716000	3000000	3000000	CBR7321	UGC Research Fellowship in Sciences to Meritorious Students	3500000
0	3500000	1000000	CBR7322	Maulana Azad National Fellowship for Minority Student	3500000
623512	660000	660000	CBR7323	Faculty fellowship scheme	100
6320184	0	0	CBR7324	Raman Post Doctoral fellowship	0
239750	900000	900000	CBR7325	PG Diploma in knowledge management under innovative programme Teaching and Research in Inter disciplinary and emerging areas during XI Plan	900000
0	0	0	CBR7358	College Development Council	100
330000	100	100	CBR7369	Centre for Women's Studies	100
2266466	2500000	2500000	CBR7371	U.G.C. Award of Research Scientists	2500000
296469	1500000	1500000	CBR7372	Refund of unspent balance on grants sponsored by U.G.C	1500000
0	100	100	CBR7409	UGC Team Visit	100
0	100	100	CBR7437	Characterisation of insect corazonin and CDNA cloning of the gene	100
0	0	0	CBR7438	Financial assistance to the Dept. of Bio-Chemistry (SAP)	100
0	100	100	CBR7439	A comparative study of existentialism and Indian system of thought	100

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100	100	CBR7442	Nutrient and pesticides influx into surface and ground water, soil and sediments in parts of Palakkad District - Bharathapuzha Basin - Kerala	100
0	100	100	CBR7443	Bio monitoring microbial pathogens and indicators in potable water of Tvpm Corpn., Kerala, India	100
0	100	100	CBR7444	History and evaluation of traditional medicinal systems of Kerala with special reference to Ayurveda	100
0	100	100	CBR7448	Identification of molecular markers for the analysis of somaclonal variants in Musa acuminata CV Red	100
0	100	100	CBR7450	Mechanism of stress tolerance in fishes living in Coconut husk retting ground : Role of Thyroid and internal hormones	100
375000	0	0	CBR7451	Establishment of Nehru Study Centre	0
0	100	100	CBR7453	International conference cum workshop on regeneration of Adult Continuing Education & Extension in 21st Century	100
0	0	1400000	CBR7454	Financial assistance to the Dept. of Aquatic Biology & Fisheries (SAP)	1400000
0	800000	800000	CBR7457	Financial assistance to the Department of Mathematics under Special Assistance Programme	0
0	500000	500000	CBR7458	Financial assistance to the Department of Geology under Special Assistance Programme	0
0	0	0	CBR7459	Extension of SC/ST cell	100
0	0	1180000	CBR7460	Financial assistance to the Dept. of Zoology (SAP)	1180000
640000	0	0	CBR7463	Financial assistance to the Department of Economics (SAP)	640000
188516	0	0	CBR7464	Financial assistance to the Department of Political Science (SAP)	1200000
0	1035000	1035000	CBR7469	Innovative programme teaching and research in Interdisciplinary & Emerging areas - Center for Geo Information Science & Technology	0
0	1255300	1255300	CBR7470	Dept. of Psychology - Innovative Programmes Teaching & Research in Interdisciplinary and Emerging areas	0
0	100	100	CBR7472	Synthesis and characterisation of Gold Nanoparticles for Plasmonic Applications	100
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 <i>Abelmoschus</i> Medic (Malvaceae) in peninsular India: Its distribution, inter-and-specific diversity and relationships	100

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	22500	22500	CBR7476	Generalisation of Confluent hypergeometric distributions	22500
0	0	0	CBR7478	Disabled population and the issue of sustainable livelihood	100
0	34200	34200	CBR7479	A study of the cultural and architectural expression of public spaces in kerala	6000
5822	100	100	CBR7480	Ethnobiographics: Representation of the other in dalit autobiographics	100
0	100	100	CBR7481	Sanskrit -Malayalam Dictionary	100
0	0	0	CBR7482	A study on foreign trade in principal agricultural products under WTO with special reference to kerala	100
0	100	100	CBR7485	Environmental degradation assessment of Fresh water lake in Kerala, South West India with special reference to conservation and management	100
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	100
0	100	100	CBR7487	Impact of fundamentalism on Muslim youth in Kerala - Role of Islamic organisation	100
0	100	100	CBR7488	Influence of humanism in the theatrical world of P.J. Thomas and G. Sankarapillai	100
0	186000	186000	CBR7489	Design and development of a Multi-Media resource for teaching and learning of ready reference/sources in English	82000
0	100	100	CBR7490	Contribution of Kerala to Vedanta Darshana	100
109005	100	100	CBR7491	Sociolinguistic study of Malayalees in Delhi	100
0	196000	196000	CBR7492	Legal regulation of hospitals in the private health care sector (Study with reference to Kerala)	196000
0	0	0	CBR7493	P.G Degree course under the scheme of human rights education under the Department of Law	100
500000	100	100	CBR7494	Centre for Canadian Studies - Area studies program	100
0	0	0	CBR7495	Financial assistance to Commerce (SAP)	100
0	0	1780000	CBR7497	Financial assistance to Institute of English(SAP)	1780000
0	0	0	CBR7498	Financial assistance to the Dept of Law for seminar under the scheme of human rights education	100
0	12500	12500	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	100
0	11000	11000	CBR7500A	Taxonomy diversity and seasonal variations of aquatic insects of Kallar streams in Western Ghats, Kerala	11000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	49800	49800	CBR7500B	Global economic crisis, Return emigration and economic consequences in Kerala	49800
0	100	100	CBR7500C	Privitisation of education and empowerment of minority communities- a case study of muslim community	100
0	183500	183500	CBR7500D	Creation and maintenance of lexical resource for malayalam language	183500
0	100	100	CBR7500E	Impact of EVR periyar and Narayana Guru in life, literature and society	100
0	146100	146100	CBR7500F	A study of formulali steps to improve the credibility of Indian journals	100
0	232100	232100	CBR7500G	Synthesis characterisation of reactive graft co-polymers of classified cellulose with functional----- for use as supports in enzymes immobilization and metal ion intake	232100
0	20000	20000	CBR7500H	Environmental constraints faced by adolescents belonging to outlier community of Kerala- an analysis	100
0	0	83300	CBR7500J	Capacity building for women managers in Higher education	100
67354	100	100	CBR7500L	Bridging the Digital divide in India through the Human Rights Development: Problems and Prospects	100
0	0	0	CBR7500M	National interdisciplinary seminar on realisation of Socio-Economic rights	100
0	100	100	CBR7500N	Evaluation propagation and invitroproduction of anthraquinones from Rubia Cordifolia 'L'	100
0	100	100	CBR7500O	Identification of cell-matrix interaction during chloride cell migration in fish gills	100
0	100	100	CBR7500P	Estimation of inequality in the power model	100
25000	25000	25000	CBR7500Q	Relevance of women character of Bhasa in Modern age	100
0	17500	17500	CBR7500R	Moving extreme ranked set sampling and its application in parametric estimation	17500
0	86400	86400	CBR8751	The study of mountain landscape and tribal lore of Kerala and it's correlation with Tamil Sangam Classics	86400
56600	100	100	CBR8753	Contribution of theatre schools to theatre in Kerala, Karnataka and Tamilnadu with special reference to Malayalam theatre	100
0	30300	30300	CBR8754	Communication problems of the mentally challenged children	30300
0	100	100	CBR8756	Hindi-English-Malayalam Dictionary(in print, digital, and online)	100
0	42500	42500	CBR8758	Resistance literature against Portuguese Colonialism: Contrubutions of the Makhdums of Kerala	42500



**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
564611	522000	522000	CBR8760	Studies on the molecular mechanism of anti-inflammatory activity of the active principle of <i>Oryza sativa</i> Linn(Njavara) Tricicon on various inflammatory models	100
0	489000	489000	CBR8762	Modulation of reverse cholesterol transport by <i>Butea monosperma</i> bark extract in diabetes mediated atherosclerosis	489000
0	489300	489300	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	226900
234400	364000	364000	CBR8764	Eco and ethno aesthetics of the folk literature and performance of Kerala	129600
286400	293000	293000	CBR8765	Nutrient influx and phytoplankton dynamics on Meenachil River and their impact on productivity of Vembanad lake, Kerala India	6600
0	394000	394000	CBR8766	Women entrepreneurship for poverty alleviation in Kerala study on evaluation of kudumba shree and janashree units	100
0	17500	17500	CBR8767	Perceived social distance and interpersonal relationships of Dalit students in Kerala State	17500
0	344000	344000	CBR8768	Linguistic and cultural exchange between UAE and Kerala	344000
0	343000	343000	CBR8769	Social Cost of development - A Case study of displaced women in Kerala	343000
0	316500	316500	CBR8770	Deterministic modeling of the underlying dynamics of surface wind speed fluctuations with applications to Grid connected wind power generation	316500
0	540000	540000	CBR8771	A study of Eco- Aesthetics and culture depicted in the contemporary Hindi & Malayalam Poetry	540000
3000000	100	1800100	CBR8772	UGC BSR Research startup Grant for newly recruited faculty at Asst. Professor level in Science department	100
600000	0	0	CBR8773	PG Diploma course under the scheme of Human Rights Education under plan	0
480000	0	1711500	CBR8774	Faculty Recharge Programme	2000000
0	0	471600	CBR8775	Maritime Security of India :The coastal security challenges and policy options	0
0	0	544600	CBR8776	Issues of marginalisation and Role of the State : A study of the marine fisher -folk of kerala	0
0	0	464600	CBR8777	Economics of Higher Education in Kerala: A focus on expansion Efficiency and equity	0
<b>127653216</b>	<b>120941200</b>	<b>115626900</b>	<b>Total of 80 B : Grants from the UGC</b>		<b>127158000</b>
<b>MH : 80 C : Grants from the Government of India</b>					
0	100	100	CCR7501	Government of India Scholarships	100
2908400	5000000	4000000	CCR7502	Inspire Fellowship	5000000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
15500000	20960000	22500000	CCR7551	Comprehensive Scheme on study of the cost of Cultivation of Principal Crops in Kerala	25700000
4794987	12500000	12500000	CCR7553	Population Research Centre	13500000
0	1200000	1300000	CCR7558	Refund of unspent balances of grants on schemes sponsored by Government of India	1200000
0	100	100	CCR7610	Screening/Isolation and Characterisation of anti-cancer compounds	100
0	550000	550000	CCR7615	Improvement of S & T infrastructure in the Dept. of Zoology under DST-FIST programme	550000
0	100	100	CCR7616	Consenses strategies on graph	100
0	465000	465000	CCR7622	Antifouling strategies of Marine organisams & potential of Marine derived antifouling compounds	465000
0	100	100	CCR7630	Financial assistance to the Dept. of Geology	100
0	100	100	CCR7631	Fin. Asst.to the Dept. of Maths ( DST / FIST )	100
0	100	100	CCR7633	Taxonomy capacity bldg.for research on diptera	100
0	250000	250000	CCR7634	Library grant for the Dept. of Maths NBHM	250000
246728	250000	250000	CCR7638	Financial assistance to Dept. of Bio-Chemistry	250000
0	100	100	CCR7640	Financial assistance to Dept. of Physics	100
0	100	100	CCR7641	Cytological and molecular characterisations of six species of lamiaceae used in Ayurveda and their photochemical screening for the bio-active triter periods ursolic and leanolic acids	100
0	77000	77000	CCR7645	Monitoring harmful algal bloom and phycotoxins along South-west coast of India	77000
0	1000000	1000000	CCR7645A	Monitoring harmful algalbloom in the EEZ	1000000
0	0	0	CCR7646	Effectiviness of credit utilisation by scheduled castes extended by financial institutions and commercial banks in reducing their dependence on Primary sector in Kerala	100
0	100	100	CCR7649	Utilisation of river basin for sustainable devpt - A case study of Karamana River Basin	100
0	6412000	6412000	CCR7650	Taxonomy and biodiversity of soft corals in India	6412000
0	100	100	CCR7651	Gastro-Intestinal nutritional grouping of micros integrated with carotenoid pigments on growth kinetics and colouration of ornamental fishes	100
0	83200	83200	CCR7654	Conservation strategies Pharmacological evaluation of Uteria Salicifolia Hook. F. and endangered ethnomedicinal plant of Western Ghats	83200
0	235400	235400	CCR7656	Tropic relationship of Polychates with Microbes along Trivandrum Cost	100
0	1300000	1300000	CCR7657	Financial assistance to Department of Computer Science	1300000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	400000	400000	CCR7659	Safe & Effective Water Harvesting site selection model based on critical slope analysis using remote sensing	400000
0	100	100	CCR7661	Establishment of Entrepreneurship Development Cell	100
0	100	621100	CCR7662	Establishment of Bio-Informatics infrastructure facility for the promotion of Biology Teaching through Bio-Informatics	700000
0	804000	804000	CCR7663	Discovering antimaterials from marine organisms	804000
0	100	100	CCR7664	CGRex - An open source Bio Sequence Tool	100
0	700000	700000	CCR7667	Financial assistance to the Department of Botany	700000
0	100	100	CCR7668	Metric Graph Theory and Application (DST)	100
0	100	100	CCR7671	Temporal Relations of dykes in the shear zones of Kerala and their Tectonic implications (DST)	100
0	1000000	1000000	CCR7674	Bio conjugation of Nano materials and their application in Cancer Therapy	1000000
0	50000	50000	CCR7676	Advanced level training course on Arthropod Endocrine Research	50000
618451	1000000	1000000	CCR7679	Molecular characterisation & proteomic expression of insect JHAMT GENE	1000000
0	100	100	CCR7680	Grand-in-aid to V.K.Krishnamenon study centre for international relations	100
0	100	100	CCR7682	Rapid appraisal of certain critical interventions of National Rural Health Mission (NRHM)	100
0	100	100	CCR7684	Development of a facilitator mechanism and seed bank facility for sea weed farming through empowerment of self help groups from coastal communities in Kerala	100
0	100	100	CCR7685	Organisation of skill development training programme through Science and Technology	100
0	100	100	CCR7686	Development of pb-free glass-ceramic composite for barrier rib of plasma display panel	100
0	100	100	CCR7687	Financial assistance for organizing 9th meeting of the PAMC-DCS at Dept. of Geology, Kariavattom Campus	100
0	100	100	CCR7688	Structure-Function studies of Diaminotiazoles-A new class of potential anticancer agents	100
0	100000	100000	CCR7689	Gamma radiation impact assessment at Proteomic and genomic level in representing arthropod fauna	100000
0	500000	500000	CCR7690	HUB Centre - a Web server to predict HUB proteins with an associated secondary database of interacting proteins - Funds from GOI	500000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100	100	CCR7693	International conference of manufacturing engineering and engineering management	100
0	400000	400000	CCR7694	Value added biopolymer from shrimp waste	100
0	100	100	CCR7695	Grants for 97th session of Indian science congress	100
0	100	100	CCR7696	Science camp under INSPIRE internship component of inspire programme	100
0	100	100	CCR7697	Geo environmental analysis of Vellayani lake, Kerala with special reference to conservative management	100
0	100	100	CCR7698	Award of Travel grant	100
0	400000	400000	CCR7699	Financial Assistance to Department of Statistics (DST)	400000
0	0	0	CCR7700	Financial assistance for organizing international conference on groupoids, semigroups & automata (DST)	100
0	350000	350000	CCR7700B	On 4 graphs and the remoteness function on 4 graphs	350000
0	100	100	CCR7700C	Investigation on the role of Aerosol, cloud and water vapour on the precipitation characteristics of Indian summer monsoon	100
0	200000	200000	CCR7700D	Cytogenetic, molecular & Chemical characterization of wild & cultural species of Momordica L. from Kerala (Cucurbitaceae)	100
0	300000	300000	CCR7700E	Metric Graph Theory and Graph Products	300000
0	3000000	2750000	CCR9251	PURSE programme	2000000
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	400000	CCR9254	Cue from chemical defense of Indian Echinoderms to derive anticancer and immunomodulatory molecules	400000
417000	700000	700000	CCR9255	Biodiversity, DNA barcoding & phylogeny of commercially valuable marine molluscs of India	700000
0	0	0	CCR9256	Excavation work at Vizhinjam, Trivandrum District	100
687933	600000	600000	CCR9257	Biocomposite based orthopedic implants from shrimp waste and marine algae	100
0	100	100	CCR9258	Emerging trends in Indian Aquaculture (Etia 2013)	100
0	100	100	CCR9259	Indo Slovenia conference on Graph theory and Applications	100
0	1000000	500000	CCR9260	Centre of Excellence for Training and Research in Frontier area of Science & Technology	1000000
150000	0	0	CCR9261	Symposium on sustainable management of Biodiversity using Science and Technology	100
150000	0	0	CCR9262	Publication of Heritage journal of multidisciplinary studies in Archaeology	150000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
675000	0	100100	CCR9263	International seminar on India's foreign Policy strategies through the 21st century	0
0	0	422700	CCR9264	Transit functions Betweenness and community structure	400000
0	0	1025200	CCR9265	Enhanced degradation of synthetic textiles dyer in constructed wetland system using Aquatic weeds	100
0	0	1724200	CCR9266	Role of Nitric oxide in the stress response of fish	1500000
<b>26148499</b>	<b>98289600</b>	<b>95322800</b>	<b>Total of 80 C : Grants from the Government of India</b>		<b>95345000</b>

**MH : 80 D : Grants from Other Agencies**

1587784	4500000	4500000	CDR7701	CSIR Scholarships and Research fellowships	4500000
1540000	1000000	1000000	CDR7703	ICSSR Fellowships	1000000
4500	300000	300000	CDR7705	ICHR Fellowships	300000
0	50000	50000	CDR7707	Rashtriya Sanskrit Samsthan Scholarships	50000
62600	350000	350000	CDR7709	ICMR Fellowships	500000
0	200000	200000	CDR7713	Emeritus Scientistships (CSIR)	200000
0	7000000	7000000	CDR7715	AICTE Scholarships	500000
0	200000	200000	CDR7717	ICPR Fellowships	200000
0	300000	300000	CDR7718	BINC Fellowships	300000
0	15000000	12000000	CDR7751	Lumpsum provision for new Research Schemes	10000000
0	0	0	CDR7759	Centre for Canadian Studies	100
69095	1500000	1971600	CDR7776	Refund of unspent balance of grants sponsored by other agencies	1500000
3100000	0	3000000	CDR7828	CACEE funds	0
0	27500	27500	CDR7848	A study on abortions in Kerala - A qualitative assessment	27500
0	329000	329000	CDR7853	An evaluation of Women ICT based projects in Kerala and its viability in other states of India	329000
0	100	100	CDR7855	Second research co-ordination meeting of the FAo/IAEA co-ordinator(jaea)	100
0	600000	600000	CDR7862	Molecular Endocrine model mechanism of insect metomorphosis and JH acid as the key regulator	600000
0	100	100	CDR7865	External evaluation of Virudhunagar District	100
0	0	0	CDR7865A	University of Kerala - SSA collaborative programme ( Certificate course in Communicative English for Primary school Teachers)	100
0	100	100	CDR7868	International workshop on Stress Physiology and Endocrinology	100
0	100	100	CDR7871	International Seminar on Democratic and Secular Education	100

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100	100	CDR7875	Including the excluded - a need analysis to identify the infrastructural and technological aspects to make higher education in Kerala disabled friendly	100
102250	100	100	CDR7876	Erasmus Mundus - External co-operation window - LOT 15 (LUND University)	100
0	500000	500000	CDR7878	Studies on the regression of alcohol induced toxicity (ICMR)	500000
0	100	100	CDR7879	Orientation programmes/Workshops on semesterisation of undergraduate programmes	100
301310	500000	500000	CDR7880	Orientation programmes/Scholar in residence program under erudite scheme	500000
0	0	0	CDR7882	Problems of children and parents who have undergone DNA test	100
0	50000	50000	CDR7884	Preparation of field guide in marine animals of Kerala Coast	50000
0	0	0	CDR7886	Development grant for IDE(IGNOU)	100
0	100000	100000	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	100	100	CDR7888	Environmental degradation of Cherthala-Aroor Edakochi Coastal belt due to sea food processing and it's environmental management (Environment Management Agency Kerala)	100
0	600000	600000	CDR7889	Water quality assessment of fresh water aquatic systems in Kerala using Benthic Macro invertebrates(Central pollution control board)	100
0	100	100	CDR7891	Awareness cum training camp on environment enrichment - haritha chethana	100
0	100	100	CDR7892	Imparting coaching for SC students for various competitive examinations	100
0	100	100	CDR7893	Finishing school for SC students undergoing courses in the University and colleges	100
0	200000	200000	CDR7894	Computer lab in the competency training centre	200000
0	100	100	CDR7895	Coaching of SC/ST youth for certificate in Library and information science	100
0	100	100	CDR7896	Rejuvenation of Chenkal Valiyakulam in Neyyattinkara(NSS)	100
0	100	100	CDR7897	Conduct of Workshop(CBCSS)	100
60000	100	100	CDR7898	Inculcate Science propogation programme	100
0	100000	100000	CDR7899	Development of monoclonal antibodies and polyclonal antibodies for tumor antigen AFP for the development of Elisa based indigenoeus immuno diagnostic kits	100000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	0	0	CDR7900	Employment oriented continuing education coursed-fund from district SC Development Officer	100
0	100000	100000	CDR7901	Development of a musically adapted multimedia package to foster improvement in the social skills of trainable mentally challenged persons	100000
100000	0	0	CDR7905	Symposium on sustainable management of Bio diversity using science & technology	100000
0	0	0	CDR7906	Comparitive endocrinology and stress physiology	100
0	0	0	CDR7909	International symposium on Comparitive endocrinology and stress physiology	0
107620	100	100	CDR7911	Travel Grant	100
0	0	0	CDR7912	Biomonitoring of specific pathogen in selected water resources in Trivandrum City	100
10000	0	0	CDR7913	Assessment of pollution stress on the physio-biological characteristics of mangrove species in Veli lake in Trivandrum District	0
0	0	0	CDR7914	Biomonitoring of pollution status of the lower reaches of Karamana river basins in Trivandrum using selected riparian plants	100
12000	0	0	CDR7915	Assessment of microclimatic variability in Eravikulam National Park and its implication on spatio-temporal distribution of the endangered Nilgiri Tahr	0
0	0	0	CDR7916	Diversity of sulphur reducing bacteria and hydrogen sulphide production in polluted estuaries of Trivandrum District	100
0	0	0	CDR7917	User awareness programme	100
25000	0	0	CDR7919	Vakkom Mohammed Abdul Khadir Moulavi Memorial Lecture	0
43275	100000	100000	CDR7920	Implication of development induces displacement:Experience from Kerala	100000
0	100	100	CDR7921	Setting up of Work Station for Research on Microdata from Census	100
260303	25000	25000	CDR7922	Bioinformatics National Certificate Examination(BINC)	25000
0	100	100	CDR7923	Teaching of Sangam classics in UG& PG level	100
0	100	100	CDR7924	Research methodology course for Ph.D students	100
0	0	0	CDR7925	Number theory and Ramanujan's contributions	100
0	0	0	CDR7926	Impact of Tholkkapiyam on the traditional grammar of Malayalam	100
700000	1000000	1000000	CDR7927	Biosystematics and ecology of sub family chloropinea .( Diptera chloropidea). of India and Study of species and genetics complexes using molecular techniques	1000000

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100	100	CDR7929	Emerging trends in Indian Aquaculture (Etia 2013)	100
0	100	100	CDR7930	Effect of Music on Embryonic development - A study on Avian Model	100
0	100000	100000	CDR7931	Entrepreneurship Development Cell	100000
0	100	100	CDR7932	Three day workshop for receiving the scheme and syllabi of BA Arabic( Private and IDE)	100
0	100	100	CDR7933	Financial assistance to Department of Environmental Sciences	1000000
0	550000	550000	CDR7934	Synthesis of a library of 2,3-dihydro furan derivatives-potential candidates for showing antimycobacterial activity	550000
900000	2100000	2100000	CDR7936	Identification and Functional analysis of acid base regulations during stress response in a fresh water air- breathing fish Anabas testudineus	1200000
0	100	100	CDR7937	Research Methodology in Social Sciences	100
0	100	100	CDR7938	All India survey on Higher Education	100
0	100	100	CDR7939	Indo - Slovenia Conference on Graph Theory and applications	100
0	100	100	CDR7940	Modern Kerala- readings in Sociocultural and politico economic history	100
0	100	100	CDR7941	16th all India conference of cytology and genetics and National Symposium on Gene, Environment and Health	100
0	100	100	CDR7942	Eco system, conservation, climate change and sustainable Development (ECOCASD 2013)	100
0	800000	800000	CDR7943	Spaces of Political protests in India, Competition, Conflict and co-operation between party and non party organizations	500000
360000	360000	360000	CDR7944	Evaluation study of MGNREGS	360000
0	100	100	CDR7945	Implementation of Prof. B. Hridayakumari Committee report(CBCSS)	100
30000	100	100	CDR7946	Harappan & Regional chalcolithic culture of greater India region - An International conference on Indus civilisation	100
0	100	100	CDR7947	SAARC international workshop on online newspaper archiving	100
0	100	100	CDR7948	Enhancing International programmes & Activities	100
25000	50000	50000	CDR7949	Gender dispacities in Academic opportunities	50000
0	100	55100	CDR7950	Research methodology course for Ph.D Course	100
0	100	100	CDR7951	Workshop on research methodology	100
0	100	100	CDR7952	Semester India Programme	100



**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	600000	600000	CDR7953	Studies on the impact of repeated pesticide application on soil microbial activity and screening of organo phosphorus pesticide degrading bacteria	400000
116718	200000	200000	CDR7954	Feedback study on VKTER - Tele Education Network at Kerala	200000
30000	100	100	CDR7955	Retention of Sangam traditions in Malayalam language and literature	100
0	100	100	CDR7956	International Conference on Eco system, Conservation, climate change and sustainable development (ECOCASD 2013)	100
0	2000000	2000000	CDR7957	Synthesis and reaction of Vicinel Tricarbonyl Compounds and Related System	2000000
14968	100	15100	CDR7958	Career award for Young teachers( CAYT)	15000
30000	100	100	CDR7959	Grammatical Theories in Tamil and Malayalam : Tradition to Modern	100
0	100	100	CDR7960	National Seminars on Asian Rebalancing and changing dimensions of Indo- US Relations	100
447692	0	0	CDR7961	National University Games 2011-12	100
800000	1000000	1050000	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	800000
47822	100	100	CDR7963	Protection and promotion of human rights in India	100
1780000	700000	700000	CDR7964	Designing in expensive transition metal catalysts for C-Z (Z=S, Se and Te ) bond formation using atom economy addition reaction : A Computational Investigation	800000
177540	0	0	CDR7965	PURSE Programme	100
50000	100	100	CDR7966	XXXVI Annual Conference of Indian Association for the study of Population	100
3650000	100	100	CDR7967	Advanced photon flux density measurements for photonic info- energy transfer detection	1500000
180000	0	20000	CDR7968	36th Intenational Conference of Linguistic Society of India	0
180000	0	0	CDR7969	36th Annual Conference of the Indian Association for the study of population (IASP)on Population, Health and Development	0
1440000	0	1440000	CDR7970	Seed bank and conservation of plant diversity and wild crop diversity	100
1000000	0	1000000	CDR7971	Dietary fat related histone modifications relevant to inflammation	0
1400000	0	1400000	CDR7972	Laboratory for Earth Resource information system (LERIS)	100
0	0	40000	CDR7973	Green Campus	0
0	0	150000	CDR7974	Classical aspects of Tamil and Malayalam Languages	0

**PART III: EARMARKED FUNDS - DETAILED ESTIMATES OF RECEIPTS 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	0	150000	CDR7975	International Conference on Statistics for Twenty first Century -2015 (ICSTC-2015)	0
0	0	50000	CDR7976	Gender gap to Innovation and Disparity in STEM Education: An Enquiry into their Linkages in University of Kerala	0
0	0	270000	CDR7977	International seminar on decolonizing theories of emotions	0
0	0	33300	CDR7978	Novel inorganic double perovskites	0
<b>20745477</b>	<b>178095900</b>	<b>156240800</b>	<b>Total of 80 D : Grants from Other Agencies</b>		<b>122262300</b>
<b>196210073</b>	<b>429221600</b>	<b>404169800</b>	<b>TOTAL OF PART III : EARMARKED FUNDS</b>		<b>376527300</b>

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
<b>MH : 80 A : GRANTS FROM STATE GOVERNMENT</b>					
8553337	8000000	8000000	9 7003	K S C S T E Fellowships	8000000
0	100	100	9 7004	KSCSTE Post Doctoral Fellowship in Bio-Technology	100
1232000	1500000	200000	9 7005	Aspire Scholarships	50000
0	250000	250000	9 7006	Kerala State Suvarna Jubilee Merit Scholarships	250000
644823	500000	500000	9 7008	SPEED IT scholarships	500000
0	100	1150500	9 7009	KSCSTE Emeritus Scientist Scheme	1200000
36780	0	0	9 7010	National workshop on the promise and perils of patenting Genes and Diagnostics	0
5218640	8000000	8000000	9 7051	N.S.O/N.S.C Schemes	8000000
3632875	1500000	1500000	9 7110	Refund of unspent balance of grants on schemes sponsored by Govt. of Kerala	1500000
0	100	100	9 7122	Kinematics of Achencovil Shear Zone, Kerala	100
0	0	0	9 7133	Development of Aluminium based sacrificial anode for cathode protection of steel in sea environment	0
0	5800	5800	9 7135	Microbial Single Cell Protein for Juvenile Fish	5800
0	222000	222000	9 7137	Bio-chemical investigations on different types of human cataractous lens	0
0	96000	96000	9 7142	SARD Project - KSCSTE (2) strengthening & lab infrastructure & other facilities mainly in the academic institutions & colleges (3)allocation of core grants for the augmentation of R & D centres	0
0	100	100	9 7143	Conservation through micro propogation of selected Rare & Endangered Rauwolfia spp of the Western Ghats (W.G.D.P)	100
0	100	100	9 7146	Competency Training Centre	100
0	100	100	9 7154	Sustainable and site specific rain water harvest methods for the over exploited Chirayinkizhu Block	100
0	320100	320100	9 7155	Bio-Genic tranformation of Mercury in Vembanaud Lake at Kochi	100
0	100	100	9 7158	Development of safe and effective vaccine against Marek's disease in chicken	100
0	150000	150000	9 7161	Sustainable water harvesting - Site selection based on critical slope analysis	150000
0	405500	405500	9 7162	M.Phil in Bio-Informatics programme (KSITM)	405500

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	196600	196600	9	7164	Bio-Diversity, Bio-Activity and Chemical Ecology of Marine Spongs of Kerala and adjacent coasts	196600
0	100	100	9	7165	Studies on Anti Inflammatory effects of Bacopa	100
0	100	100	9	7166	Micropropogation of selected rare and exquisite orchids of Agasthyamala, A biodiversity hot spot in the western ghats	100
0	100000	100000	9	7167	Conservation & Chemical Gene prospecting of Rare Endangered Threatned medicinal plants	100000
0	100	100	9	7169	Purification, Characterisation, Possible Cloning and Expression of protein showing anti-fertility aspora & Ricinus Communis	100
0	100	100	9	7170	Diabetic Heart and its relationship with Cardiac Hypertrophy Specific Serum Protein of molecular weight	100
0	291500	291500	9	7171	Bacteria and Streptomicetes as Bio-fertilizers in Acqua culture ponds and integrated farming	100
0	100	100	9	7173	Resource centre for Malayalam Language (Creation of a corpora for Malayalam Language)	100
0	803000	803000	9	7176	Biological sequence analysis using chaos game theory (KSCSTE - SARD project)	803000
0	100	100	9	7177	Studies on Conservation of Thottea Barberi (Gamble) Ding Hou (Aristolochiaceae). Reproductive Biology and Molecular Characterisation (KSCSTE)	100
0	100	100	9	7180	Setting up of Centre of Excellence in Geoinformation Science & Technology	100
0	100	100	9	7183	"National seminar on ""From Chromosomes to Genomes - Challenges and Prospects"""	100
0	100000	100000	9	7184	Marine Bio-Diversity Informatics for Kerala	100000
0	100	100	9	7185	National Interdisciplinary seminar on Science, Technology and Law	100
0	100	100	9	7186	Structure and composition of garnet minerals in beach placers of Kerala and parts of Tamilnadu	100
0	100	100	9	7187	Evaluation and propogation of Annatto (Bixa orellaxa L) dye yielding plant	100
0	100	100	9	7188	Modernisation of Journalism department for starting short term courses in journalism	100
0	100	100	9	7189	International workshop on Stress physiology & Endocrinology(KSCSTE)	100
0	478500	478500	9	7190	Fresh water minerals of kerala useful for monitoring water quality(KSCSTE)	100
0	100	100	9	7191	Establishment of IPR cell	100

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100	100 9	7192	Seminar: Water resources; Challenges & Management, KSCSTE	100	
0	100	100 9	7193	Dept of Economics-Academic development programmes	100	
0	50000	50000 9	7194	Application of isotopic techniques in assessing the sedimentation rate and pattern in the vellayani fresh water lake, tvn	50000	
0	100	100 9	7195	Souce characterisation and remediation of fluoride contamination in ground water resource of chittoor block, palghat dist, kerala	100	
0	100	100 9	7196	Augmentation of ground water recharge in the over-exploited kasargod block,North kerala-Development of GIS based decision support system	100	
0	100	100 9	7197	Grants for Indian Science Congress	100	
0	100	100 9	7199	Coaching for SC/ST youth for NET/SET/ISE through CACEE	100	
456473	3000000	3000000 9	7200	Construction of post metric hostel for SC/ST Girls	3000000	
0	100	100 9	7201	International symposium christened Bioinformatica Indica 2010	100	
0	100	100 9	7202	National Seminar on Photonic Materials	100	
0	600000	600000 9	7203	Development of Monoclonal antibodies and polyclonal antibodies for tumor antigen(AFP) - Alphafeto protein for the development of ELISA based indigenous immunodiagnostic kits	600000	
0	100000	100000 9	7204	River bank mapping of vamanapuram river	100000	
0	0	0 9	7206	Sustainable management of biodiversity using Science & Technology and Children's Science meet	100	
0	0	0 9	7207	National Science Day (2012) Celebrations	100	
0	0	0 9	7208	National seminar on Algebra,Analysis and Discrete Mathematics	100	
0	0	0 9	7209	International workshop on free software for better Geospatial intelligence	100	
0	0	0 9	7210	International conference on climate change,forest resource & environment(ICCFRE 2011)	100	
0	0	0 9	7211	Emerging statistical tools in life sciences	100	
0	0	0 9	7212	Relevance of Malayalam in the field of Information	100	
0	0	0 9	7213	National workshop on characterisation of advanced materials	100	
0	0	0 9	7214	South Indian History Congress	100	

## PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017

Accounts 2014-2015	Budget Estimates 2015-2016	Revised Estimates 2015-2016		E-Code	Detailed Heads	Budget Estimates 2016-2017
376922	700000	700000	9	7215	An investigation of the effects of natural anti-inflammatory agents as Toll like Receptors(TLRS) signalling pathway in OXLDL activated human monocytes	300000
0	20000	20000	9	7216	Workshop on precambrian Platetectonics in Southern India	20000
0	47000	47000	9	7217	Recent biochemical approaches in therapeutics	47000
456326	350000	350000	9	7218	Development of Holographic lens to use in conjunction with solar cells	350000
314346	610000	610000	9	7219	Synthesis of diphenolic-bis-2-aminothiazoles as novel antioxidants	610000
60000	0	0	9	7220	National conference on Statistics for 21st Century	0
0	100000	100000	9	7221	Indo-Slovenia conference on Graph Theory and Application (Indo - Slove 2013)	100000
195705	195800	195800	9	7222	Endline survey on Knowledge, behaviour and practice of voters in Kerala	200000
0	100	100	9	7223	National seminar on number theory and Ramanujan's contributions	100
0	100	100	9	7224	World Environment Day 2013	0
1188660	1000000	1000000	9	7226	Conservation strategies and in vitro production of anthraquinones in Gynochthodes umbellate(L) Razafim & B.Bremes (Rubiaceae) - a potential dye yielding plant	1000000
841500	1000000	1000000	9	7227	DNA barcoding Venam gland transcriptomics and proteomic analysis of major venomous snakes of Kerala region	1000000
979760	1000000	1677600	9	7228	Identification of time course analysis of micro RNAs of Black pepper (Piper Nigum L)in response to viruses involved in stunted disease an expression of amiRNA for stable virus	1000000
783320	200000	525900	9	7229	Tectonic signature and PGE potential of Gabbroic Rocks in the moyar- Bhavani and Achankovil shear zone, Kerala	200000
11500	0	0	9	7230	Effect of industrial pollution on soil quality - A case study of Travancore Titanium products ltd Veli Trivandrum	0
18000	0	20000	9	7231	World Environment Day	20000
80000	0	0	9	7232	Disaster Risk and vulnerability conference 2014	0
1620000	0	0	9	7233	Design and Development of Catalytic electrodes for electrochemical and biochemical generation of hydrogen and electricity	900000
0	0	1191200	9	7234	Scientific valuation of kashayams used in rheumatoid Arthritis(RA)	0

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	0	1529300	9	7235	Identification and validation of potential Micro RNA Biomarkers in Primary Cicatrical Alopecia	1000000
0	0	655000	9	7236	Baseline survey on knowledge, Attitude, Behaviour and Practice of voters in Kerala	0
0	0	50000	9	7237	National conference on foresight and Technology futures	0
0	0	35000	9	7238	National workshop on Human Rights Dimensions of Intellectual Property Right	0
0	0	50000	9	7239	Biomonitoring of Veli - Akkulam lake using aquatic insects	0
0	0	700000	9	7240	Baseline survey of Knowledge,Attitude and Practices(KAP) of the Citizens of Kerala	0
<b>26700967</b>	<b>31894900</b>	<b>36979300</b>		<b>Total of :80 A GRANTS FROM STATE GOVERNMENT</b>		<b>31762000</b>
<b>MH : 80 B : GRANTS FROM THE UGC</b>						
49034072	75000000	75000000	9	7301	U.G.C Research Fellowships	85000000
0	100000	100000	9	7302	U.G.C Research Fellowship in Humanities	100000
0	50000	50000	9	7303	U.G.C National Fellowship	50000
0	500000	500000	9	7305	U.G.C Research Associateships	500000
3067000	3800000	100	9	7306	Selection of U.G.C Research fellows/National Eligibility Test	100
0	30000	30000	9	7309	UGC Visiting Associateship	30000
0	100000	100000	9	7310	UGC Research Fellowship/Associateship/ Assistance to Departments	100000
0	1200000	1200000	9	7312	Emeritus Fellowship	100
0	200000	200000	9	7313	Visiting Professors	200000
5411101	7000000	7000000	9	7314	UGC Research Award	7000000
724075	10000000	2500000	9	7315	Rajiv Gandhi National fellowship for SC candidates	10000000
0	300000	300000	9	7316	Rajiv Gandhi National fellowship for ST candidates	300000
0	400000	400000	9	7317	Post Doctoral Fellowship for SC / ST candidates	400000
0	100	100	9	7318	Dr.D.S.Kothari Postdoctoral Fellowship	100
0	1000000	200000	9	7319	Indira Gandhi PG Scholarships for single girl child	100
0	200000	50000	9	7320	PG merit Scholarship for University Rank Holders	100
2650532	3000000	3000000	9	7321	UGC Research Fellowship in Sciences to Meritorious Students	3500000
741200	3500000	1000000	9	7322	Maulana Azad National fellowship for minority students	3500000
623512	660000	660000	9	7323	Faculty fellowship scheme	100
6320184	0	0	9	7324	Raman Post Doctoral fellowship	0

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
239750	900000	900000	9	7325	PG Diploma in knowledge management under innovative programme Teaching and Research in Inter disciplinary and emerging areas during XI Plan	900000
0	0	0	9	7358	College Development Council	100
330000	100	100	9	7369	Centre for Women's Studies	100
2394503	2500000	2500000	9	7371	UGC Award of Research Scientists	2500000
1451199	1500000	1500000	9	7372	Refund of unspent balance on grants sponsored by UGC	1500000
0	100	100	9	7409	UGC Team Visit	100
0	100	100	9	7437	Characterisation of insect corazonin and CDNA cloning of the gene	100
0	0	0	9	7438	Financial assistance to the Dept. of Bio-Chemistry (SAP)	100
0	100	100	9	7439	A comparative study of existentialism and Indian System of thought	100
0	100	100	9	7442	Nutrient and pesticides influx into surface and ground water, soil and sediments in parts of Palakkad District - Bharathapuzha Basin - Kerala	100
0	100	100	9	7443	Bio monitoring microbial pathogens and indicators in potable water of Tvpm Corporation, Kerala, India	100
0	100	100	9	7444	History and evaluation of traditional medicinal systems of Kerala with special reference to Ayurveda	100
0	100	100	9	7448	Identification of molecular markers for the analysis somaclonal variants in Musaacuminata C V Red	100
0	100	100	9	7450	Mechanism of stress tolerance in fishes living in Coconut husk retting ground : Role of Thyroid and internal hormones	100
375000	0	0	9	7451	Establishment of Nehru Study Centre	0
0	100	100	9	7453	International conference cum workshop on regeneration of Adult continuing Education & Extension in 21st Century	100
0	0	1400000	9	7454	Financial assistance to the Dept. of Aquatic Biology & Fisheries (SAP)	1400000
0	800000	800000	9	7457	Financial Assistance to the Dept. of Maths (SAP)	0
0	500000	500000	9	7458	Financial Assistance to the Dept. of Geology (SAP)	0
0	0	0	9	7459	Extension of SC/ST cell	100
0	0	1180000	9	7460	Financial Assistance to the Department of Zoology (SAP)	1180000
640000	0	0	9	7463	Financial Assistance to the Dept. of Economics(SAP)	640000



**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
188516	0	0 9	7464	Financial Assistance to the Dept. of Political Science (SAP)	1200000
0	1035000	1035000 9	7469	Innovative programme teaching and research in Interdisciplinary & Emerging areas - Centre for Geo Information Science & Technology	0
0	1255300	1255300 9	7470	Dept. of Psychology - Innovative Programmes Teaching & Research in Tnterdisciplinary and Emerging areas	0
0	100	100 9	7472	Synthesis and characterisation of Gold Nanoparticles for Plasmonic Applications	100
0	100	100 9	7473	Trophic Modeling and Biodiversity Assessment of Fresh Water Lakes in Kerala for Conservation and Sustainable Management	100
0	100	100 9	7475	The Genus Abelmoschus Medic (Malvaceae) in peninsular India: Its distribution, inter-and-specific diversity and relationships	100
0	22500	22500 9	7476	Generalisation of confluent hypo-geometric distribution	22500
0	0	0 9	7478	Disabled population and the issue of sustainable livelihood	100
0	34200	34200 9	7479	Study of cultural and architectural expression of public spaces	6000
5822	100	100 9	7480	Technobiographics, representation of the other in Dalit autobiographics	100
0	100	100 9	7481	Sanskrit-Malayalam dictionary	100
0	0	0 9	7482	A study on foreign trade in principal agricultural products under WTO regime with special reference to kerala	100
0	100	100 9	7485	Environmental degradation assessment of fresh water lake in kerala, southwest india with special reference to conservation and management	100
0	100	100 9	7486	Habitat preference and documentation of fish diversity of vellayani lake,tvpm dist, kerala	100
0	100	100 9	7487	Impact of Fundamentalism on Muslim youth in kerala-role of islamic organisation	100
0	100	100 9	7488	Influence of humanism in the theatrical world of P.J. Thomas and G.Sankara pillai	100
0	186000	186000 9	7489	Design and development of a multimedia resource for teaching and learning of ready reference/sources in english	82000
0	100	100 9	7490	Contribution of Kerala to vedanta darsana	100
109005	100	100 9	7491	Sociolinguistics study of malayalis in Delhi	100

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	196000	196000	9	7492	Legal regulation of hospitals in the private health care sector(study with reference to kerala)	196000
0	0	0	9	7493	PG degree course under the scheme of Human rights education under the Dept of Law	100
500000	100	100	9	7494	Centre for canadian studies - Area studies programme	100
0	0	0	9	7495	Financial Assistance to Commerce(SAP)	100
0	0	1780000	9	7497	Financial Assistance to Institute of English(SAP)	1780000
0	0	0	9	7498	Financial Assistance to the Department of Law for seminar under the Scheme of Human Rights Education	100
0	12500	12500	9	7500	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	100
0	11000	11000	9	7500A	Taxonomy, diversity & seasonal variation of aquatic insects of Kallar stream in Western ghats, Kerala	11000
0	49800	49800	9	7500B	Global economic crisis,return,emigration & economic consequences in Kerala	49800
0	100	100	9	7500C	Privatisation of Education & Empowerment of Minority communities - A case study of Muslim community in Kerala	100
0	183500	183500	9	7500D	Creation and Maintenance of a lexical resource for Malayalam language	183500
0	100	100	9	7500E	Impact of EVR Periyar and Narayana Guru on life, literature and society	100
0	146100	146100	9	7500F	A study to formulate steps to improve the credibility of Indian Journals	100
0	232100	232100	9	7500G	Synthesis and characterisation of reactive graft co-polymers of densified cellulose with functional ligands for use as supports in enzyme immobilisation and metal ions update	232100
0	20000	20000	9	7500H	Environmental constraints faced by adolescents belonging go Outlier community of Kerala - an analysis	100
0	0	83300	9	7500J	Capacity building for women Managers in Higher Education	100
67354	100	100	9	7500L	Bridging the digital divide in India through the Human rights development: problems and prospects	100
0	0	0	9	7500M	National interdisciplinary seminar on realisation of Socio-Economic rights	100
0	100	100	9	7500N	Evaluation propagation and inveteoproduction of antheaequinones from rubia cordifoliaL	100

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100	100	9	7500O	Identification of Cell Matrix interaction during chloride cell migration in fish gills	100
0	100	100	9	7500P	Estimation of inequality in the power model	100
25000	25000	25000	9	7500Q	Relevance of women characters of Bhasa in Modern Age	100
0	17500	17500	9	7500R	Moving extreme ranked ser sampling and its application in parametric estimation	17500
0	86400	86400	9	8751	The Study of mountain landscape and tribal lore of Kerala and it's correlation with Tamil Sangam Classics	86400
56600	100	100	9	8753	Contribution of theatre schools to theatre in Kerala, Karnataka and Tamilnadu with special reference to Malayalam Theatre	100
0	30300	30300	9	8754	Communication problems of the mentally challenged children	30300
0	100	100	9	8756	Hindi-English-Malayalam Dictionary(in print,digital & online)	100
0	42500	42500	9	8758	Resistance literature against Portuguese Colonialism: Contribution of the Makhdums of Kerala	42500
564611	522000	522000	9	8760	Studies on the molecular mechanism of antiinflammatory activity of the active principle of Oryza Sativa Linn(njavara) Tricin on various inflammatory models	100
0	489000	489000	9	8762	Modulation of reverse cholesterol transport by Butea monosperma bark extract in diabetes mediated atherosclerosis	489000
0	489300	489300	9	8763	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	226900
234400	364000	364000	9	8764	Eco and Ethno aesthetics of the folk literature and performance of Kerala	129600
286400	293000	293000	9	8765	Nutrient influx and phytoplankton dynamics on Meenachil river and their impact on productivity of Vembanad lake, Kerala, India.	6600
0	394000	394000	9	8766	Women enterprenership for poverty Alleviation in Kerala - Study an Evaluation of Kudumbasree and Janasree Units	100
0	17500	17500	9	8767	Perceived social distance and interpersonal relationships of Dalit students in Kerala State	17500
0	344000	344000	9	8768	Linguistics and cultural exchange between UAE and Kerala	344000
0	343000	343000	9	8769	Social cost of development - A case study of displaced women in Kerala	343000

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	316500	316500	9	8770	Deterministic modeling of the underlying dynamics of surface wind speed fluctuations with applications to Grid connected wind power generation	316500
0	540000	540000	9	8771	A study of Eco- Aesthetics and culture depicted in the contemporary Hindi & Malayalam Poetry	540000
1800000	100	1800100	9	8772	UGC BSR Research startup Grant for newly recruited faculty at Asst. Professor level in Science department	100
600000	0	0	9	8773	PG Diploma course under the scheme of Human Rights Education under plan	0
0	0	1711500	9	8774	UGC faculty Recharge Programme	2000000
0	0	471600	9	8775	Maritime Security of India :The coastal security challenges and policy options	0
0	0	544600	9	8776	Issues of marginalisation and Role of the State : A study of the marine fisher -folk of kerala	0
0	0	464600	9	8777	Economics of Higher Education in Kerala: A focus on expansion Efficiency and equity	0
<b>78439836</b>	<b>120941200</b>	<b>115626900</b>		<b>Total of :80 B GRANTS FROM THE UGC</b>		<b>127158000</b>
<b>MH : 80 C : GRANTS FROM GOVERNMENT OF INDIA</b>						
0	100	100	9	7501	Government of India Scholarships	100
3202909	5000000	4000000	9	7502	Inspire Fellowships	5000000
13856598	20960000	22500000	9	7551	Comprehensive Scheme on study of the cost of Cultivation of Principal Crops in Kerala	25700000
7091269	12500000	12500000	9	7553	Population Research Centre	13500000
526437	1200000	1300000	9	7558	Refund of unspent balances of grants on schemes sponsored by Government of India	1200000
0	100	100	9	7610	Screening/Isolation and Characterisation of anti-cancer compounds	100
0	550000	550000	9	7615	Improvement of S & T infrastructure in the Dept. of Zoology under DST-FIST programme	550000
0	100	100	9	7616	Consensus strategies on graph	100
0	465000	465000	9	7622	Antifouling strategies of Marine organisms & potential of Marine derived antifouling compounds	465000
0	100	100	9	7630	Financial assistance to the Dept.of Geology	100
0	100	100	9	7631	Financial assistance to the Dept.of Mathematics (DST / FIST)	100
0	100	100	9	7633	Taxonomy capacity bldg for research on Diptera	100
0	250000	250000	9	7634	Library grant for the Dept. of Maths NBHM	250000
246728	250000	250000	9	7638	Financial assistance to Dept. of Bio-Chemistry	250000

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100	100	9	7640	Financial assistance to Dept. of Physics	100
0	100	100	9	7641	Cytological and molecular characterisations of six species of lamiaceae used in Ayurveda and their photochemical screening for the bio-active triterpenoids ursolic and leanolic acids	100
0	77000	77000	9	7645	Monitoring harmful algal bloom and phycotoxins along South-west coast of India	77000
0	1000000	1000000	9	7645A	Monitoring harmful algal bloom in the EEZ	1000000
0	0	0	9	7646	Effectiveness of credit utilisation of scheduled castes extended by financial institutions and commercial banks in reducing their dependence on primary sector in Kerala	100
0	100	100	9	7649	Utilisation of river basin for sustainable development - A case study of Karamana River Basin	100
0	6412000	6412000	9	7650	Taxonomy and biodiversity of soft corals in India	6412000
0	100	100	9	7651	Gastro-Intestinal nutritional grouping of microbes integrated with carotenoid pigments on growth kinetics and colouration of ornamental fishes	100
0	83200	83200	9	7654	Conservation strategies Pharmacological evaluation of <i>Utreria Salicifolia</i> Hook. F. and endangered ethnomedicinal plant of Western Ghats	83200
0	235400	235400	9	7656	Trophic relationship of Polychaetes with Microbes along Trivandrum Coast	100
0	1300000	1300000	9	7657	Financial assistance to Department of Computer Science	1300000
0	400000	400000	9	7659	Safe & Effective Water Harvesting site selection model based on critical slope analysis using remote sensing	400000
0	100	100	9	7661	Establishment of Entrepreneurship Development Cell	100
0	100	621100	9	7662	Establishment of Bio-Informatics infrastructure facility for the promotion of Biology teaching through Bio-informatics	700000
0	804000	804000	9	7663	Discovering antimaterials from marine organisms	804000
0	100	100	9	7664	CGRex - An open source Bio Sequence Tool	100
0	700000	700000	9	7667	Financial Assistance to the Department of Botany	700000
0	100	100	9	7668	Metric Graph Theory and Application (DST)	100
0	100	100	9	7671	Temporal Relations of dykes in the shear zones of Kerala and their Tectonic implications (DST)	100

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	1000000	1000000	9	7674	Bio conjugation of Nano materials and their application in Cancer Therapy	1000000
0	50000	50000	9	7676	Advanced level training course on Arthropod Endocrine Research	50000
618451	1000000	1000000	9	7679	Molecular characterisation & proteomic expression of insect JHAMT GENE	1000000
0	100	100	9	7680	Grand-in-aid to V.K.Krishnamenon study centre for international relations	100
0	100	100	9	7682	Rapid appraisal of certain critical interventions of National Rural Health Mission (NRHM)	100
0	100	100	9	7684	Development of a facilitator mechanism and seed bank facility for sea weed farming through empowerment of self help groups from coastal communities in Kerala	100
0	100	100	9	7685	Organisation of Skill Development training programme through Science and Technology	100
0	100	100	9	7686	Development of pb-free glass-ceramic composite for barrier rib of plasma display panel	100
0	100	100	9	7687	Financial assistance for organizing 9th meeting of the PAMC-DCS at Dept. of Geology, Kariavattom Campus	100
0	100	100	9	7688	Structure-Function studies of Diaminotiazoles-A new class of potential anticancer agents	100
0	100000	100000	9	7689	Gamma radiation impact assessment at proteomic and genomic level in representative arthropod fauna	100000
0	500000	500000	9	7690	HUB Centre-A Web server to predict hub proteins with an associated secondary database of interacting proteins - Funds from GOI	500000
0	100	100	9	7693	International conference of manufacturing Engineering & Engineering management	100
0	400000	400000	9	7694	Value added biopolymer from shrimp waste	100
0	100	100	9	7695	Grants for 97th session of Indian Science Congress	100
0	100	100	9	7696	Science camp under INSPIRE Internship component of INSPIRE programme	100
0	100	100	9	7697	Geo-Environmental analysis of Vellayani lake Kerala, S.W. India with special reference to conservation and management	100
0	100	100	9	7698	Award of travel grant	100
0	400000	400000	9	7699	Financial assistance to Department of Statistics(DST)	400000
0	0	0	9	7700	Financial assistance for organizing International conference on Groupoids, Semigroups & Automata(DST)	100

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	350000	350000	9 7700B	On 4 graphs and the remoteness function on 4 graphs (DAE)	350000
0	100	100	9 7700C	Investigation on the role of Aerosol, cloud and water vapour on the precipitation characteristics of Indian summer monsoon	100
0	200000	200000	9 7700D	Cytogenetic, molecular & Chemical characterization of Wild & Cultural species of Momordica L. from Kerala (Cucurbitaceae)	100
0	300000	300000	9 7700E	Metric graph theory and graphs products	300000
0	3000000	2750000	9 9251	PURSE programme	2000000
0	100000	100000	9 9253	Design and development of low repetition rate and high pulse energy fibre laser based on large mode area fibre and photonic crystal fibre for laser cleaning application	100000
0	400000	400000	9 9254	Cue from chemical defense of Indian Echinoderms to derive anticancer and immunomodulatory molecules	400000
417000	700000	700000	9 9255	Biodiversity, DNA barcoding & Phylogeny of commercially valuable marine molluscs of India	700000
0	0	0	9 9256	Excavation work at Vizhinjam, Trivandrum(Dist)	100
686576	600000	600000	9 9257	Biocomposite based orthopedic implants from shrimp waste and marine algae	100
0	100	100	9 9258	Emerging trends in Indian Aqua culture etia 2013	100
0	100	100	9 9259	Indo Slovenia conference on Graph theory and Applications	100
0	1000000	500000	9 9260	Centre of excellence for Training and Research in Area of Science and Technology	1000000
0	0	0	9 9261	Symposium on sustainable management of Biodiversity using Science and Technology	100
150000	0	0	9 9262	Publication of Heritage journal of multidisciplinary studies in Archaeology	150000
675000	0	100100	9 9263	International seminar on India's foreign Policy strategies through the 21st century	0
0	0	422700	9 9264	Transit functions Betweenness and community structure	400000
0	0	1025200	9 9265	Enhanced degradation of synthetic textiles dyer in constructed wetland system using Aquatic weeds	100
0	0	1724200	9 9266	Role of Nitric oxide in the stress response of fish	1500000
<b>27470968</b>	<b>98289600</b>	<b>95322800</b>	<b>Total of :80 C GRANTS FROM GOVERNMENT OF INDIA</b>		<b>95345000</b>

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
<b>MH : 80 D : GRANTS FROM OTHER AGENCIES</b>					
2021440	4500000	4500000 9	7701	CSIR Scholarships and Researchfellowships	4500000
1285600	1000000	1000000 9	7703	ICSSR Fellowships	1000000
0	300000	300000 9	7705	ICHR Fellowships	300000
0	50000	50000 9	7707	Rashtriya Sanskrit Samsthan Scholarships	50000
62600	350000	350000 9	7709	ICMR Fellowships	500000
0	200000	200000 9	7713	Emeritus Scientistships (CSIR)	200000
0	7000000	7000000 9	7715	AICTE Scholarships	500000
0	200000	200000 9	7717	ICPR Fellowships	200000
0	300000	300000 9	7718	BINC Fellowships	300000
2480000	150000000	120000000 9	7751	Lumpsum provision for new Research Schemes	100000000
0	0	0 9	7759	Centre for Canadian Studies	100
676485	1500000	1971600 9	7776	Refund of unspent balance of grants sponsored by other agencies	1500000
3094241	0	3000000 9	7828	CACEE funds	0
0	27500	27500 9	7848	A study on abortions in Kerala - A qualitative assessment	27500
0	329000	329000 9	7853	An evaluation of Women ICT based projects in Kerala and its viability in other states of India	329000
0	100	100 9	7855	Second Research co-ordination meeting of the FAO/IAEA co-ordinator(IAEA)	100
0	600000	600000 9	7862	Molecular Endocrine model mechanism of insect metamorphosis and JH acid as the key regulator	600000
0	100	100 9	7865	External evalutaion of Virudhunagar District	100
0	0	0 9	7865A	University of Kerala - SSA collaborative programme ( Certificate course in Communicative English for Primary school Teachers)	100
0	100	100 9	7868	International workshop on Stress Physiology and Endocrinology (ICMR)	100
0	100	100 9	7871	International Seminar on Democratic and Secular Education	100
0	100	100 9	7875	Including the Excluded - A need analysis to identify the infrastructural and technological aspects to make higher education in kerala disabled friendly	100
101925	100	100 9	7876	Erasmus mundus - External co-operation window - LOT 15 (LUND University)	100
0	500000	500000 9	7878	Studies on the regression of alcohol induced toxicity(ICMR)	500000
0	100	100 9	7879	Orientation progams/Workshops on semesterisation of Undergraduate program	100



**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
284162	500000	500000	9	7880	Scholar in residence program under Erudite scheme	500000
0	0	0	9	7882	Problems of children and parents who have undergone DNA test(Kerala Women's Commission)	100
0	50000	50000	9	7884	Preparation of a field guide on Marine Animals of Kerala Coast(Kerala state bio-diversity board)	50000
0	0	0	9	7886	Development grant for IDE(IGNOU)	100
0	100000	100000	9	7887	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	100	100	9	7888	Environmental degradation of Cherthala-Aroor-Edakochi Coastal belt due to sea food processing and it's environmental management (Environment management agency Kerala)	100
0	600000	600000	9	7889	Water quality assessment of fresh water aquatic systems in Kerala state using Benthic Macro invertebrates (Central pollution control board)	100
0	100	100	9	7891	Awareness cum training camp on environment enrichment - Haritha Chethana	100
0	100	100	9	7892	Imparting coaching for SC students for various competitive examinations	100
0	100	100	9	7893	Finishing school for SC students undergoing courses in the University and Colleges	100
1603728	200000	200000	9	7894	Computer lab in Competency Training Centre	200000
0	100	100	9	7895	Coaching of SC/ST Youth for certificate in Library and Information Science	100
0	100	100	9	7896	Rejuvenation of Chenkal Valiyakulam in Neyyantinkara (NSS)	100
0	100	100	9	7897	Conduct of Workshop(CBCSS)	100
60000	100	100	9	7898	Inculcate Science Propogation Programme	100
0	100000	100000	9	7899	Development of monoclonal antibodies and polyclonal antibodies for tumor antigen AFP for development of ELISA based indigenous immunodiagnostic kits	100000
0	0	0	9	7900	Employment oriented continuing education courses	100
0	100000	100000	9	7901	Development of a musically adapted multimedia package to foster improvement in the social skills of trainable mentally challenged persons	100000

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	0	0 9	7905	Symposium on sustainable management of Biodiversity using Science and Technology	100000
0	0	0 9	7906	Comparitive endocrinology and stress physiology	100
107620	100	100 9	7911	Travel Grant	100
0	0	0 9	7912	Biomonitoring of specific pathogen in selected water resources in Trivandrum city	100
10000	0	0 9	7913	Assessment of pollution stress on the physio-biological characteristics of Mangrove species in veli lake in Trivandrum District	0
10000	0	0 9	7914	Biomonitoring of pollution status of the lower reaches of Karamana river basins in Trivandrum using selected riparian plants	100
12000	0	0 9	7915	Assesment of microclimatic variability in Eravikulam National Park and its implication on spatio-temporal distribution of the endangered Nilgiri Tahr	0
12000	0	0 9	7916	Diversity of sulphur reducing bacteria and hydrogen sulphide production in polluted estuaries of Trivandrum District	100
0	0	0 9	7917	User awareness programme	100
25000	0	0 9	7919	Vakkam Muhammed Abdul Khadar maulavi memorial lecture	100
43275	100000	100000 9	7920	Implication of Development induces displacement:Experience from Kerala	100000
0	100	100 9	7921	Setting up workstation for Research on Micro data from Census	100
0	25000	25000 9	7922	Bioinformatics National Certificate Examination(BINC)	25000
0	100	100 9	7923	Teaching of Sangam classics in UG & PG level	100
10000	100	100 9	7924	Research methodology course for Ph.D students	100
0	0	0 9	7925	Number theory and Ramanujan's contribution	100
0	0	0 9	7926	Impact of Tholkapiyam on the traditional grammar of Malayalam	100
700000	1000000	1000000 9	7927	Bio systematic and Ecology of sub family Chloropinac (Diptera: Chloropidac of India and Study of Species and Genetic complexes using Molecular Techniques)	1000000
0	100	100 9	7929	Emerging trends in Indian Aqua culture - Etia 2013	100
0	100	100 9	7930	Effect of Music on embryonic development - A study on avian model	100
0	100000	100000 9	7931	Entrepreneurship Development cell	100000

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	100	100 9	7932	Three day workshop for receiving the scheme and syllabi of BA Arabic( Private and JDE)	100	
0	100	100 9	7933	Financial assistance to department of Environmental Sciences	1000000	
0	550000	550000 9	7934	Synthesis of a library of 2,3 - dihydrofuran derivatives - potential candidates for showing antimy cobacterial activity	550000	
900000	2100000	2100000 9	7936	Identification and Functional analysis of acid base regulations during stress response in a fresh water air- breathing fish Anabas test udineus	1200000	
0	100	100 9	7937	Research Methodology in Social Sciences	100	
0	100	100 9	7938	All India Survey on Higher Education	100	
0	100	100 9	7939	Indo - Slovenia Conference on Graph Theory and applications	100	
0	100	100 9	7940	Modern Kerala - Readings in Socio- Cultural and Politico- Economic History	100	
0	100	100 9	7941	16th all India conference of cytology and genetics and National Symposium on Gene, Environment and Health	100	
0	100	100 9	7942	Eco system, conservation, climate change and sustainable Development (ECOCASD 2013)	100	
0	800000	800000 9	7943	Spaces of Political protests in India, competition, Conflict and Co-oration between party and non party organizations	500000	
360000	360000	360000 9	7944	Evaluation study of MGNREGS	360000	
0	100	100 9	7945	Implementation of Prof. B. Hridayakumari Committee Report (CBCSS)	100	
30000	100	100 9	7946	Harappan & Regional chalcolithic culture of greater India region - An International conference on Indus civilisation	100	
0	100	100 9	7947	SAARC international workshop on online newspaper archiving	100	
0	100	100 9	7948	Enhancing International programmes & Activities	100	
25000	50000	50000 9	7949	Gender disparities in Academic opportunities	50000	
0	100	55100 9	7950	Research methodology course for Ph.D Course	100	
0	100	100 9	7951	Workshop on research methodology	100	
0	100	100 9	7952	Semester India Programme	100	
0	600000	600000 9	7953	Studies on the impact of repeated pesticide application on soil microbial activity and screening of organo phosphorus pesticide degrading bacteria	400000	

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>		<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
116718	200000	200000	9	7954	Feedback study on VICTER - Tele Education Network at Kerala	200000
30000	100	100	9	7955	Retentions of Sangam traditions in Malayalam language and literature	100
0	100	100	9	7956	International Conference on Eco system, Conservation, climate change and sustainable development (ECOCASD 2013)	100
3500000	2000000	2000000	9	7957	Synthesis and reaction of Vicinel Tricarbonyl Compounds and Related System	2000000
14968	100	15100	9	7958	Career award for Young teachers( CAYT)	15000
150000	100	100	9	7959	Grammatical Theories in Tamil and Malayalam : Tradition to Modern	100
40000	100	100	9	7960	National Seminars on Asian Rebalancing and changing dimensions of Indo- US Relations	100
800000	1000000	1050000	9	7962	Micro RNAs in essential Hypertension: Understanding the role of SNPs in miRNA binding sites in 3 UTRs of target candidate genes influencing blood pressure	800000
47822	100	100	9	7963	Protection and promotion of human rights in India	100
0	700000	700000	9	7964	Designing inexpensive transition metal catalysts for C-Z (Z=S, Se and Te ) boad formation using atom economy addition reaction : A Computational Investigation	800000
50000	100	100	9	7966	XXXVI Annual Conference of Indian Association for the study of Population	100
3650000	100	100	9	7967	Advanced photon flux density measurements for photonic info- energy transfer detection	1500000
180000	0	20000	9	7968	36th Intenational Conference of Linguistic Society of India	100
180000	0	0	9	7969	36th Annual Conference of the Indian Association for the study of population (IASP)on Population, Health and Development	0
400000	0	0	9	7969 A	National Seminar on Indian Polotics "India State of the Nation 2014 General election and After"	0
0	0	1440000	9	7970	Seed bank and conservation of plant diversity and wild crop diversity	100
0	0	1000000	9	7971	Dietary fat related histone modifications relevant to inflammation	0
0	0	1400000	9	7972	Laboratory for Earth Resource information system (LERIS)	100
0	0	40000	9	7973	Green Campus	0
0	0	150000	9	7974	Classical aspects of Tamil and Malayalam Languages	0
0	0	150000	9	7975	International Conference on Statistics for Twenty first Century -2015 (ICSTC-2015)	0

**PART :III EARMARKED FUNDS - DETAILED ESTIMATES OF EXPENDITURE 2016-2017**

<b>Accounts 2014-2015</b>	<b>Budget Estimates 2015-2016</b>	<b>Revised Estimates 2015-2016</b>	<b>E-Code</b>	<b>Detailed Heads</b>	<b>Budget Estimates 2016-2017</b>
0	0	50000	9 7976	Gender gap to Innovation and Disparity in STEM Education: An Enquiry into their Linkages in University of Kerala	0
0	0	270000	9 7977	International seminar on decolonizing theories of emotions	0
0	0	33300	9 7978	Novel inorganic double perovskites	0
<b>23074584</b>	<b>178095900</b>	<b>156240800</b>	<b>Total of :80 D GRANTS FROM OTHER AGENCIES</b>		<b>122262300</b>
<b>155686355</b>	<b>429221600</b>	<b>404169800</b>	<b>TOTAL OF III : EARMARKED FUNDS</b>		<b>376527300</b>