

Projects Sanctioned under Science Research Scheme			
2003-2004			
Sl No	Name & Address of PI	Title of the Project	Duration
1	Dr. D. Girija Assistant Professor Centre for Plant Biotechnology College of Horticulture, Vellanikkara	Genomic library construction and cloning of gene (s) for PR proteins in black pepper (<i>Piper nigrum</i> L.)	3 Years
2	Dr. Rema Menon Associate Professor Banana Research Station, Thrissur	Characterization and classification of banana varieties	3 Years
3	Dr. C.R. Elsy Assistant Professor Dept. of Plant Breeding & Genetics CoH, KAU, Vellanikkara	Participatory plant breeding for the development of rice varieties suited for specific agro-ecological situations of Kerala	3 Years
4	Dr. K.S. Shylaraj Associate Professor, RRS, Vyttila	Rice varietal improvement under a stress	3 Years
5	Smt. Omana Pavunny Dept. of Processing Technology College of Fisheries, Panangad, Kochi	Survey on the knowledge and practice of fish processing technologies by women folk in Ernakulam & Alleppey Districts	3 Years
6	K. Karthikeyan Division of Entomology, RARS Pattambi	Bionomics and integrated pest management of rice blue, <i>Leptispa pygmaea</i> baly (Chrysomelidae: coleoptera)	3 Years
7	Dr. M. Govindan Associate Professor Regional Agricultural Research Station Pilicode	Evaluation of acid tolerant strains of cyanobacteria for growth and yield of paddy in Kerala	3 Years
8	Dr. Roy Stephen Assistant Professor, College of Agriculture, Vellayani, TVM	Screening for water stress tolerance in coconut through pollen selection	3 Years
9	Dr. Mary Ukkru Associate Professor Department of Home Science KAU, Vellayani, TVM	Viable technology for developing value added food products incorporating coconut	2 Years
10	Dr. N P Kumari Sushama Associate Professor, Agricultural Extension, College of Agriculture, Vellayani	Promotion of organics in vegetable cultivation in Kerala	3 Years
11	Dr. D Wilson Associate Professor Dept. of Plant Breeding and Genetics College of Agriculture, Vellayani	Evaluation, morphological and molecular characterization, cataloguing and genetic improvement Ivy Gourd	3 Years
12	Dr. C.R. Sudharmai Devi KAU, Vellayani	Impact of partial substitution of muriate of potash by common salt in a coconut based agro- ecosystem	3 Years

13	Dr. Vijayaraghava Kumar Professor and Head Dept. of Agricultural Statistics College of Agriculture, Vellayani, TVM	Information management on agricultural research in Kerala	3 Years
14	Dr. K Sreekumar Associate Professor , Sugar cane Research Station, Thiruvalla, Pathanamthitta	Conservation and utilization of biodiversity in <i>Erianthus</i> and <i>Saccharum spontaneum</i> in Kerala for the genetic improvement of sugarcane.	3 Years
15	Dr. Sosamma Cheriyan Associate Professor KAUSugarcane Research Station Kallumkal P.O, Thiruvalla.	Product diversification and value added products in sugarcane – production and preservation forms of jaggery.	3 Years
16	Dr. Vanaja T Assistant Professor Dept. of Plant Breeding & Genetics Pepper Research Station, Panniyur	Breeding for Phytophthora foot rot resistance in black pepper (<i>Piper nigrum</i>)	3 Years
17	Smt.Aneykutty Joseph (Mohanakumaran Nair) Assistant Professor, College of Fisheries KAU, Panangad, Kochi	Captive development of brood stock of giant freshwater prawn, <i>Macrobrachium rosenbergii</i> for year round production of quality seed inhatcheries.	3 Years
18	Dr.V.A.Celine Professor , Department of Olericulture College of Agriculture, Vellayani, TVM	Evaluation of vegetable amaranth (<i>Amaranthus</i> sp.) with high yield, quality and resistance to leaf blight caused by <i>Rhizoctonia solani</i>	3 Years
19	Dr. R.V Manju & K B Soni Assistant Professor, Dept. of Plant Physiology, CoA, Vellayani, TVM	Molecular and physiological analysis of Banana clones	3 Years
20	Dr. V. V Radhakrishnan Associate Professor Dept. of Plant Breeding & Genetics College of Horticulture, Thrissur	Influence on microclimate on the production of coconut based cropping system	3 Years
21	Dr.K.Sudharma Associate Professor Dept. of Entomology, KAU, Vellayani	Biointensive integrated pest management in vegetable cowpea	3 Years
22	Dr. Arya K Assistant Professor Department of Plant Breeding and Genetics, College of Horticulture, Vellanikkara, Thrissur	Evaluation of popular black pepper cultivars of North and South Kerala for growing as Bush pepper	3 Years
23	Sri. Anoop E V Assistant Professor, College of Forestry KAU, Vellanikkara, Thrissur	Development of an anatomical key for the identification of important timbers of Kerala	3 Years
24	Dr. Mini Abraham Assistant Professor Agronomic Research Station, KAU Chalakydy , Thrissur	Nutrition management and processing qualities of Vanilla	3 Years
25	Dr. G.S Narayanan Associate Professor, RCIRC, KAU Vellimadukunnu, Kozhikode	Assessment of the fishery resources of Kadalundy estuary and impact of stake nets on its ecology	3 Years

26	Dr. T.Pradeepkumar Assistant Professor College of Agriculture, Padannakkad Kasaragod	Induction of variability in Vanilla through in vitro culture and on farm evaluation of Vanilla tissue culture plants in Northern Kerala	3 Years
27	Dr. M. R. Shylaja Associate Professor Dept. of Plantation Crops and Spices College of Horticulture, KAU, Thrissur	Enhancing yield and quality of Vanilla	3 Years
28	Dr. Sarah T George Associate Professor College of Horticulture, KAU Vellanikkara, Thrissur	Investigation on variability, vegetative propagation and post – harvest handling of breadfruit (<i>Artocarpus altilis</i>)	3 Years
29	Dr. K. M Abdul Khader Associate Professor Plant Breeding and Genetics, College of Agriculture, Vallayani, TVM	Breeding leaf curl virus resistant chilli through interspecific hybridisation	3 Years
30	Dr. K.D Prathapan Assistant Professor, Department of Entomology, KAU, TVM	Systematic studies of Flea beetles (Coleoptera: chrysomelide: Alticinae) infesting piperacea in Kerala	2 Years
31	Dr. K. M Sreekumar Assistant Professor COA Padannakkad, Kasaragod	Utilization of entomopathogenic fungi for the biological control of coconut root grub <i>Leucopholis coneophora</i> Burmeister	3 Years
32	Dr. Noble Abraham Assistant Professor, Soil Conservation Research Station, Konni	Soil and water conservation aspects of zero tillage cultivation practices in hillslopes of humid tropics	3 Years
33	Dr. R. Krishnakumar Asst. Professor, Dept. Agricultural Entomology, KAU, Vallayani, TVM	Sterile insect technique in the management of Banana pseudostem weevil, <i>Odoiporus longicollis</i>	3 Years
34	Dr.N.K.Narayan Dept. of Information Science and Technology, Kannur University Palayad, Thalassery	Neuro- fuzzy networks for computer reorganization of Malayalam documents	3 Years
35	Dr.K.Prabhakaran Nair Professor, Dept. of Mechanical Engineering, NITC-Kozhikode	Investigation on the mechanical properties of composite materials based on iron and aluminium alloy	3 Years
36	Dr. E.M Elango Research Scientist, Department of Molecular Biology, AIMS, Kochi	Analysis of mutations in cationic trypsinogen and spink1 genes in chronic pancreatitis patients in Kerala population.	2 Years
37	Dr. M. Shylaja Reader & Head, Dept. of Botany Providence Women's College, Kozhikode	Pharmacognostic and chemical studies on Sida species used as balain ayurveda	3 Years
38	Dr. V.T Antony Reader, Dept. of Botany, S.B College Changanacherry	Studies on eco-geography and conservation of the genus <i>Momodica</i> L. in Western Ghats	2 Years
39	Dr. Santhosh Namby Lecturer, Senior Grade, Department of Botany, St. Joseph's College, Devagiri Kozhikode	Comparative morphology and systematics of the genus <i>Crotalaria</i> (Fabaceae) in South India	3 Years

40	Dr.M. Padmaja ENT Specialist , NISH, Palace Road Poojappura, TVM	Prevalence of immunity to rubella in the antenatal women	3 Years
41	Dr. M. Unnikrishnan Additional Professor, Division of Vascular Surgery, SCTIMST, TVM.	Femoropopliteal bypass graft with reversed saphenous vein – A retrospective study of 110 patients operated upon over 10 years	1 Year
42	Dr. Kalavathy Lecturer Cancer Epidemiology, RCC, TVM	Pre Cancer & Cancer registry and follow up of pre cancer and cancer cases registered in early cancer detection center, Palakkad	1 Year
43	Dr Annamma Mathai Junior Scientific Officer Dept. of Pathology, SCTIMST, TVM.	Immunological evaluation in <i>Mysthenia gravis</i>	2 Years
44	Dr. P. R. Geetha Reader, Dept. of Zoology, M G College, TVM	Utilization of certain common indigenous plants in pest control	3 Years
45	Dr. P. A Sebastian PG & Research Dept. of Zoology Division of Arachnology, SH College Thevara, Kochi	A qualitative study on the biodiversity of spider fauna in Eranakulam District, Kerala State	3 Years
46	Dr. S. Anilkumar Dept. of Chemistry N S S College, Palappuram P.O Ottappalam, Palakkad	Design and development of poly ethylene-vinyl acetate membranes for diffusion, pervaporation, vapour permeation and gas permeation	3 Years
47	Dr. Anil John Senior Specialist AIMS, Elamakkara, Kochi	Seroprevalance of HAV antibodies in patients with chronic Liver disease	1 Year
48	Dr. C.S Paulose Head of the Department of Biotechnology, CUSAT, Kochi	Effect of principle components from medicinal plants on insulin gene expression in the pancreatic islets	3 Years
49	Dr. Sanil George Scientist, RGCB, TVM	Measurement of biological diversity at species level – A molecular approach	2 Years
50	Dr. P.G.Jayaprakash, Additional Professor in Radiation Oncology, RCC, TVM	Development of an in vitro cellular model to predict tumor response to traditional therapy	3 Years
51	Dr. M S Binoj Kumar Sr. Lecturer, Dept. of Botany, S D College Alappuzha	Floristic diversity of Kerala- the family of Euphorbiaceae	3 Years
52	Dr. Sudheendra Ghosh Prof. and Head, Dept. of Respiratory Medicine, Medical College, TVM	Respiratory and social morbidity among patients treated under RNTCP in TVM district- Kerala	2 Years
53	Dr. N. Sasidharan Division of Non-Wood forest Products KFRI, Peechi, Thrissur	Checklist of flowering plants of Kerala	2 Years
54	Dr. Annie John Division of Implant Biology Biomedical Technology Wing (BMT) SCTIMST, Poojappura, TVM	Ultrastructural study of the interface between bone and bioactive ceramics – a pre-clinical evaluation	3 Years

55	Dr. K Madhavan Nampoothiri Biotechnology Division, RRL, TVM	Molecular cloning, over expression and biochemical characterization of β -lactamases of <i>Mycobacterium tuberculosis</i> .	3 Years
56	Dr. Raghu Ram K. Nair Professor & Head, Divn. of Radiation Physics, RCC, TVM	Cytogenetic effects of radiotherapy in patients with carcinoma of uterine cervix	3 Years
57	Dr. T. Ganga Devi Principal, Govt. College for Women TVM	Biogeochemical studies of water locked ecosystem in TVM district with special reference to associated flora.	3 Years
58	Dr. S Kannan Associate Professor, Division of Cancer Research, RCC, TVM.	Characterization of molecular alteration in p53 and cyclin D1 gene loci of oral carcinoma.	3 Years
59	Dr. D. Muraleedharan Emeritus Professor, Santhigiri Research Foundation, Santhigiri, TVM	Characterization and activity pattern of Bug Juvenile hormone during post-embryonic development	3 Years
60	Dr. Ananth. N. Rao Amritha Institute of Medical Science Amritha Lane, Elamakkara P.O, Kochi	New born mass screening program for inborn errors of metabolism in Kerala	3 Years
61	Dr. Suma Maheswary Thankachi Reader and Guide Department of Botany, NSS College for Women, Kaimanam, TVM	Introduction, domestication and the beneficial value assessment of stevia, the sweetener of choice for the future.	3 Years
62	Dr. P.V Ramanarayanan Medical Superintendent, SCTIMST Dr. Krishna Manohar	Pilot study for home graft harvesting	1 Year
63	Dr. Jayasree .K Associate Professor Dept. of Cytopathology, RCC, TVM	Tumour suppressor genes in nasopharyngeal carcinoma- an evaluation	3 Years
64	Dr. K Sobhana Kumar Deputy GM Kerala State Co-operative Federation for Fisheries Development Ltd, TVM	Standardization of an adaptive technology for artificial maturation in <i>Penaeus monodon</i>	3 Years
65	Dr. S.R Narahari Director, Institute of Applied Dermatology, I.C Bhandary Road, Kasaragod.	Integrated outpatient clinic for the palliative care & support of chronic dermatological diseases.	1 Year
66	Dr.B. Shyamala Lecturer, Vaidyanrathnam Ayurveda College, Thrissur	Evaluation of efficiency of an indigenous drug in abnormal uterine bleeding	3 Years
67	Dr. M. Radhakrishnapillai Director Rajiv Gandhi Centre for Biotechnology Poojappura, TVM.	The nutri genomics of cervical cancer	3 Years
68	Ms. Marthakutty Joseph Sel. Grade Lecturer in Chemistry Nirmala College, Muvattupuzha Ernakulam	Characterization and biochemical studies of some transition metal complexes of NNS donors	3 Years

69	Shri. M.M Paulose Assistant Professor Mechanical Engineering Department Mar Athanesious College of Engg. Kothamangalam	Fluidised bed drying and its applications in agricultural products	3 Years
70	Dr. K. Rajendra Babu Lecturer, M G College , TVM	Growth and characterization of non linear optical crystals for device applications	2 Years
71	Smt. S. Sheela Professor, Department of Civil Engineering, CET, TVM	Studies on strength and behaviour of polymer modified Ferrocement structural elements	3 Years
72	Prof. Dr. Sabu Thomas School of Chemical Sciences, M G University, Kottayam	Nylon/Polystyrene compatibilized blends for high performance engineering applications	3 Years
73	Dr. Manoj Rama Varma Scientist E1, Ceramics Technology Division, RRL, CSIR, TVM	Synthesis and characterization of rare earths and Titania based Ceramic Dielectric Resonators for Microwave telecommunication Systems	3 Years
74	Prof. K P Vijayakumar Department of Physics CUSAT, Kochi	Design and fabrication of automated Spray Pyrolysis unit to deposit thin films of compound semiconductors for solar cell application	1 Year
75	Dr. E. M. Mohammed Dept. of Physics, Maharajas College Ernakulam	Fiber optic magnetostriction sensor	1 Year
76	Shaji Varghese Department of Physics St. Thomas College, Kozhencherry	The photoacoustic, optical and electrical studies on solid semiconductor thin films.	3 Years
77	Dr. Susamma A.P Chemistry Dept. Maharaja's College, Ernakulam	New vulcanisation ingredients for rubber product manufacture	3 Years
78	Dr. A Muraleedharan Reader in Chemistry, Nehru Arts and Science College, Kassargod	Synthesis of some ibuprofen pro-drugs as possible anti- inflammatory agents	3 Years
79	Dr. S. Jayalekshmi Reader, Dept. of Physics CUSAT, Kochi	Pulsed laser deposition and characterization of cathode–electrolyte bi- layers for solid state, thin film, lithium ion battery applications	3 Years
80	Dr. Ruby Abraham & Dr. P. V. Indira Assistant Professor, Dept of Civil Engineering, College of Engineering, Trivandrum	Strength and ductility of high performance concrete flexural members for seismic resisting structures	3 Years
81	Dr. T.R Santhosh Kumar Scientist, Dept. of Cancer Biology, RGCB , Tvm	Studies on the expression of heat shock proteins in cancer cell lines	3 Years
82	Dr. Suparna Senguptha Scientist – C, RGCB, Tvm	Identification, purification and characterization of γ - tubulin complex from Indian toad and its involvement in microtubule nucleation	3 Years

83	Dr. K.P Aravindan Assistant Professor Dept. of Pathology Medical College, Calicut	Immunopathology of acute appendicitis	1 Year
84	Dr. Usha Mathew Assistant Professor, Soil Science and Agricultural Chemistry, College of Agriculture, Vellayani, TVM	Assessment of micronutrients in the soils of Kerala	3 Years
85	Dr. R. Vijayan Associate Professor, Dept. of Animal Husbandry CoA, Vellayani, TVM	Efficacy of Ethno veterinary medicinal plant formulation in the management of udder disorders of cattle	3 Years
86	Dr. K. G. Sreekumar Senior Research Officer Pharmacognosy Unit, Ayurveda Research Institute , Poojappura, TVM	Survey conservation and documentation of the practice of single drug remedies by the local traditional Vaidyas of the State	3 Years
87	Dr.K.S. Beena & Dr. Jayasree P. K Reader in Civil Engineering, School of Engineering, CUSAT, Cochin.	Study on Rock Waste Filling in Gabion retaining Walls	2 Years
88	Dr. S Sampath Scientist –F, CESS, TVM	Assessment of noise pollution in Kerala	1 Year
89	Dr.P.K. Sundara Raj Prof. & Head, Dept. of Orthopaedics, Govt. Co-operative Medical College, Kochi.	Improved bone impregnated hip screw for management of fracture neck of femur in adults	3 Years
2004-2005			
1	Dr. P. Suseela Assistant Professor KAU, Chalkkudi, Thrissur	Design, construction and performance evaluation of low cost naturally ventilated greenhouse suitable for humid tropical climate	3 Years
2	Dr. C.A Rosamma Associate Professor, Plant Breeding and Genetics, Agricultural Research Station Thrissur	Breeding for value addition on rice (<i>Oryza sativa</i> L.)	3 Years
3	Dr. K.Surendra Gopal Assistant Professor, (Microbiology) Dept. of Plant Pathology, COH, KAU Vellanikkara, Thrissur.	Development of plant growth promoting microorganisms consortia technology for ex vitro establishment of micropropogated vanilla (<i>Vanilla planifolia</i> Andr.) and ginger (<i>Zingiber officinale</i> Rosc.)	3 Years
4	Dr. Gracy Mathew Associate Professor and Head Aromatic and Medicinal plants research stationm Odakkali, Asamannoor Ernakulam	Development of agro techniques in selected medicinal trees of Kerala	3 Years
5	Dr.Jayalekshmi V.G Assistant Professor, KAU, TVM.	Cataloguing of cashew germplasm of Kerala with molecular markers and digitizing the morphological data	3 Years
6	Dr.C.Lekha Rani Assistant Professor, Dept of Plant Breeding, CoA, Vellayani, TVM	Breeding for novel varieties in monopodial orchids	3 Years
7	Dr.B.Madhusoodana Kurup School of Industrial Fisheries, CUSAT Kochi	Development of database on the fish germplasm, capture fisheries and biodiversity threats of the rivers of Kerala	3 Years

8	Shri.B. Ramesha Assistant Professor College of Agriculture, Padannakkad Kasaragod	Use of Parapheromones and kairomones in different types of traps for the management of cucurbit fruit fly <i>Bactrocera cucurbitae</i> coquillett.	3 Years
9	Dr.G Byju Scientist, CTCRI, Sreekaryam, TVM.	Real time nitrogen management in cassava based on leaf colour chart and chlorophyll meter	3 Years
10	Dr. V. S. Devadas Associate Director of Research KAU, Vellanikkara, Thrissur	Need based farmer participatory research in Jasmine	3 Years
11	Dr. A. Naseema Associate Professor Dept. of Plant Pathology, College of Agriculture, Vellayani, TVM	Water hyacinth - <i>Eichhornia crassipes</i> control through integrated management strategy	3 Years
12	Dr. B.T. Krishnaprasad Asst. Professor Dept. of Agriculture, Vellayani, TVM.	Carbon isotope discrimination as a signature for shade tolerance in black pepper (<i>Piper nigrum</i> L.)	3 Years
13	Dr. K.N Anith Assistant Professor (Microbiology) Department of Plant Pathology, Vellayani, TVM	Exploitation of the endosymbiotic fungus <i>Piriformospora indica</i> for biotic and abiotic stress manage	3 Years
14	Dr. (Mrs.) Santha V Pillai Principal Scientist, CTCRI, Sreekaryam TVM	DNA analysis to study genetic diversity in the land varieties of tapioca in Kerala	3 Years
15	Dr.KB.Sheela Associate Professor,(Hort.) Dept. of Processing Technology College of Agriculture, Vellanikkara Thrissur	Standardization of minimal processing techniques for selected fruits and vegetables	3 Years
16	Dr. B Pushpalatha Assistant Professor Dept of Processing Technology, College of Horticulture, KAU, Thrissur	Process optimisation for production of value added products from snapmelon (<i>Cucumis melo</i> var.momordica) and watermelon (<i>Citrullis lanatus</i>)	3 Years
17	Dr.P.K.Asokan Associate Professor, Dept. of Tree Physiology and breeding, College of forestry, KAU, Vellanikkara, Thrissur	Potentials of growing sandal on (<i>Santalum album</i>) farm lands – hemi-parasitic interactions of sandal with crop plants ad selected host plants	3 Years
18	Dr. Sally K Mathew Associate Professor, Dept. of Plant Pathology, College of Horticulture Vellanikkara, Thrissur	Bio control consortium for the management of bacterial wilt of chilli and phytophthora rot of black pepper and vanilla.	3 Years
19	Dr.V.Raghu Rajan Professor & Head Dept. of Plant Biotechnology Mar Athanasios College for advanced studies, Thiruvalla.	Protocol development for microporopogation of nutmeg(<i>Myristica fragrans</i>)	3 Years
20	Dr. B. Narayanan Nair Professor Lourdes Matha College of Science and Technology, Kuttichal, TVM	Development of software for Malayalam speech recognition.	3 Years

21	Dr.Santhosh G. Thampy Assistant Professor, NIT Campus Kozhikode	Analytical and experimental investigations on two phase flow in pipelines	
22	Dr. K.Radhakrishnan Professor & Head Dept. of Neurology, SCTIMST TVM.	Pilot study for comprehensive stroke care program	3 Years
23	Dr. Mabel Legori Professor and Head of Microbiology AIMS, Amala Nagar, Thrissur	Establishment of Diagnostic Service at a Primary Care Centre	1 Year
24	Dr. Maya C Nair Lecture in Botany Govt. Victoria College Palakkad	Collection and evaluation of medicinal rice land races of Kerala	3 Years
25	Dr. K Sujathan Senior Cytotechnologist RCC, TVM.	Study of GALECTIN –1 , Galectin – 3, T Antigen and BCL-2 expression in breast cancer	3 Years
26	Dr.Sabu K Thomas Selection Grade Lecturer PG and Research Dept. of Zoology St.Joseph's College, Devagiri Kozhikode.	Studies on the biology and rubber litter substrate quality influence on the dynamics of Luprops Beetles.	3 Years
27	Dr.G.Prasad Lecturer Dept.of Zoology University of Kerala TVM	Population characteristics bionomics and standardization of captive breeding technology of two species of endangered bagrid catfishes, <i>Horabagrus brachysoma</i> (Gunther) and <i>H.nigricollaris</i>	3 Years
28	Dr. Sanjeev V. Thomas Additional Professor Neurology, SCTIMST, TVM	Oxidative stress in women with epilepsy and its relationship to fetal malformations.	3 Years
29	Dr.Paul Sebastain Head, Surgical Oncology, RCC, TVM	Molecular analysis of surgical margins in oral carcinoma	3 Years
30	Dr. K.Ramadas Additional Professor Dept. of Radiation Oncology, RCC Medical College Campus, TVM.	Efficacy of Varanadi ghritha as a biological response modifier in controlling the recurrence of treated head and neck cancers –a randomized Pilot study	3 Years
31	Dr. Geetha S. Pillai Scientist B Centre for Medicinal Plants Research Arya Vaidya Sala, Chenguvetty Kottakkal, Malappuram	Micro propagation and invitroconservation of <i>Operculina turpethum</i> and genetic fidelity analysis	3 Years
32	Dr.C.C Kartha Professor & Head Division of Cellular and Molecular Cardiology, SCTIMST, TVM.	Modulation of high glucose induced monocyte chemo attractant protein –1 (MCP-1) gene expression in aortic endothelial cells.	3 Years
33	Dr. BalaNambisan Principal Scientist (Biochemistry) CTCRI, Srekariyam, TVM.	Biochemical evaluation of starchy curcuma species	3 Years
34	Dr. Priya Srinivas RGCB, Poojappura, TVM	Selective gene expression by plumbagin in BRCA1 blocked ovarian cancer cells: an analysis by subtractive hybridisation.	3 Years

35	Dr.V.Balakrishnan Professor and Head Dept. of gastroentology, AIMS, Kochi	How common is essential amino acid deficiency in tropical pancreatitis?	2 Years
36	Dr. P.Ambily Reader in Botany, S.N. College, Kollam	Taxonomy of the marine algae of Kerala	3 Years
37	Dr. M.T. Sebastian RRL, Pappanamcode TVM	Microwave ceramic dielectric resonators based on AO-La ₂ O ₃ -TiO ₂ [A=Ca, Ba,Sr] for applications in wireless communication	3 Years
38	Prof. P. Mohanan Dept. of Electronics, CUSAT, Kochi	Compact dual band dielectric mobile phone antenna with reduced radiation	3 Years
39	Dr. K.N Madhusoodanan Reader and Head Dept of Instrumentation, CUSAT, Kochi.	Development of Gas sensors based on semiconductor chalcogenide glasses	3 Years
40	Dr. M.R. Anantharaman Reader Dept. of Physics, CUSAT, Kochi.	Development of a microwave absorber based on natural rubber and ferrites.	2 Years
41	Dr. M. Junaid Bushiri Technical Assistant University of Kerala, Kariavattom, TVM	Synthesis and characterization of Zinc based nano- materials for optoelectronic applications	2 Years
42	Dr. Thomas Kuruvila Bishop more college , Mavelikkara	Harnessing chaos in semi conductor laser	2 Years
43	Dr.Kurian Thomas K Dept. of Chemistry Bishop Moore College, Mavelikara.	Synthesis and characterisation of 5-heteroyl – 3 – substituted amino –1,2,4 – thiadiazoles and their bioactivity studies	3 Years
44	Dr. M.Jayakannan Scientist Polymer Sciences Division, RRI, TVM.	Design and development of novel p conjugated materials from renewable resources	3 Years
45	Dr.T.Prasada Rao Deputy Director and Head Ultra care analysis group, RRL, TVM	Design and development of molecularly imprinted polymeric materials for the detection and control of organic pollutants in natural wastes	3 Years
46	Dr. Sam Solomon Lecturer Dept of Physics St. Johns College, Anchal, Kollam	Rare earth titanium niobate and tantalite dielectric resonators for communication systems.	3 Years
47	Dr.M. Abdul Khadar Professor, Dept.of Physics University of Kerala, Kariavattom P.O TVM	Deposition of nanostructured TiO ₂ films by RF Magnetron sputtering and their characterization.	3 Years
48	Dr. P.P.Pradyumnan Lecturer (Sr.Scale) Dept.of Physics, University of Calicut	Studies on the thermoelectric properties ion incorporated semiconductor-metal thin films	1 Year
49	Dr. B Pradeep Reader Dept of Physics, CUSAT, Kochi.	A comparative study of optical and electrical characterization of silver selenide thin films and silver selenide thin films doped with rare earth metals, for the fabrication of solar cells	3 Years

50	Dr. Vincent Mathew Post Graduate and Research Department of Physics, St. Thomas Collage, Palai	On wave propagation in super conducting multilayers and wave guide structure	3 Years
51	Dr.V.P Mahadevan Pillai Reader and Head Dept. of Optoelectronics University of Kerala, Kariavattom, TVM	Synthesis and characterization of silicon nanomaterials for optoelectronic applications.	3 Years
52	Dr.K.G. Gopchandran Lecturer, Department of Optoelectronics University of Kerala, Kariavattom, TVM	Preparation and characterization of nano crystalline Nickel Oxide films by pulsed laser deposition.	3 Years
53	Dr. C.A Mary Associate Professor, Dept. of Plant Pathology, College of Agriculture, Vellayani, Thiruvananthapuram	Etiology and management of important diseases in anthurium	3 Years
54	Dr. K.Vasantha Kumar Associate Professor and Head, Cardom Research Station, Pambadumpara, Idukki	In-vitro production of anticancer secondary plant metabolites camptothecin and related alkaloids	3 Years
55	Dr. M Indira Dept. of Biochemistry, University of Kerala, TVM	Studies on the effect of administration of cassava rich diet and alcohol	3 Years
56	Dr. N.V Radhakrishnan Assistant Professor, RARS, Ambalavayal, Wayanad	Evolving an antagonistic microbial mixture formulation for integrated management of multiple diseases (Rhizome rot & Bacterial Wilt)	3 Years
57	Dr. B Pushpalatha Assistant Professor, Dept of Processing Technology, College of Horticulture, KAU P.O, Thrissur	Process optimisation for production of value added products from snapmelon (<i>Cucumis melo</i> var.momordica) and watermelon (<i>Citrullis lanatus</i>)	3 Years
2005-2006			
1	Dr. A.C. Mathew Scientist, CPCRI Kasargodu	Comparative efficiency of different systems of irrigation in coconut and arecanut gardens in Kasaragod district – a critical study	3 Years
2	Dr. P. Indira Devi Assistant Professor (SS) College of Horticulture, KAU, Thrissur	Pesticide use and crop productivity on food crops of Kerala	3 Years
3	Anitha S Assistant Professor, (Agronomy) Campus Development KAU,Vellanikkara, Thrissur	System of rice intensification : A Pilot study.	3 Years
4	Dr. Jacob John Assistant Professor (Agronomy) Cropping System Research Station College of Agriculture, Karamana, TVM	Investigation on the allelopathic interactions and potential threat of soil sickness due to multipurpose trees in home gardens of Kerala.	3 Years
5	Dr.V.P Potty Principal Scientist Crop Production Division, CTCRI, TVM	Standardization of procedure for mass production of siderophorees from plant growth promoting Rhizobacteria (PGPR)	3 Years

6	Dr.K.G.Padmakumar Associate Professor RARS, Kumarakom	Fish culture in cage enclosures in tidal wetlands development of a participatory farming model in Andhakaranazhy , Cherthala, Kerala	3 Years
7	Dr. Maicykutty P Mathew Associat Professor Department of Entamology, College of Horticulture, KAU, Thrissur.	Biology and management of root mealy bug on banana cultivars.	3 Years
8	Dr.Shaji James P Assistant Professor Department of Farm Power, Machinery and Energy, Kelappaji College of Engineering and Technology, KAU Tavanur	Development of technology for the use of agricultural byproducts as matrix in high rate methane bioreactors.	3 Years
9	Dr. A. Sobhana Assistant Professor All India Co-ordinated Floriculture Improvement Project, College of Horticulture KAU, Thrissur	Standardization of planting material and regulation of flowering in bush jasmine (<i>Jasminum sambac</i> L).	3 Years
10	Dr. C.A. Jayaprakas Senior Scientist Central Tuber Crops Research Institute Sreekariyam, TVM	Olfacto-response of <i>Sitophilus oryzae</i> and <i>Rhyzopertha dominica</i> to semiochemicals isolated from stored products	1 Year
11	Dr. Ancy Joseph Assistant Professor (Horticulture) Aromatic & Medicinal Plants Research Station, Odakkali, Asamannoor P.O Ernakulam.	Investigations on under exploited medicinal plants with anti-ulcerative properties	3 Years
12	Dr. G Padmaja Principal Scientist (Biochemistry) & Head, Division of Crop Utilization Central Tuber Crops Research Institute Sreekariyam, TVM.	Developing technology for fried cassava chips and nutritionally fortified pappada and rings from cassava and sweet potato.	1 Year
13	Dr. P. Vinod Lecturer College of Engineering TVM	Studies on improving the engineering behaviour of Kuttanad clay using preloading technique	
14	Dr.K.Padmakumar Dept.of Aquatic Biology and Fisheries University of Kerla, TVM.	Biodiversity, bioactivity and chemical ecology of marine sponges around Kerala and adjacent coasts	3 Years
15	Dr M. C. Subhash Peter Reader Department of Zoology, University of Kerala, Kariavattom, TVM	Identification of physiological mechanism of bioaccumulation	3 Years
16	Dr. Manoj Pandey Associate Professor, RCC, TVM	Psycho sexual problems of the spouses of patients with breast cancer.	3 Years
17	Dr.M.S Jisha Lecturer, School of Biosciences M.GUniversity, KTM	Bioremediation of synthetic detergents	3 Years

18	Dr.A Helan, Lecturer Dept. of Biochemistry, University of Kerala, TVM	Studies on the anti inflammatory effects of <i>Bacopa</i>	3 Years
19	Dr. R. Krishna Kumar Consultant Chief Pediatric Cardiologist, AIMS Kochi.	Nutritional recovery following corrective surgery for children with congenital heart disease	3 Years
20	Dr. S.Kannan Associate Professor Division of Cancer Research, RCC TVM	Characterization of pathways involved in the upregulation of cyclin D1 expression in oral carcinoma ,	2 Years
21	Dr.Dilip Panikar Professor and HOD, Dept. of Neurology AIMS, Elamakkara, Kochi.	Molecular genetics analysis of Von Hippel Lindau Syndrome in KeralaState	1 Year
22	Dr. P.S Girija Devi Associate Professor of Ophthalmology Regional Institute of Ophthalmology Govt. Ophthalmic Hospital, TVM.	Clinical profile and visual outcome of bacterial keratitis vs fungal keratitis in a tertiary eye care centre in South Kerala	3 Years
23	Dr. R Renuka Nair Scientist G Division of Cellular and Molecular Cardiology, SCTIMST, TVM.	Determination of genetic component in hypertension and cardiac hypertrophy.	3 Years
24	Dr. K K Janardhanan Professor Amala Cancer Research Centre, Thrissur	Bioprospecting of <i>Phellinus rimosus</i> , a polypore macrofungus growing on jackfruit tree trunk in Kerala for novel anti- inflammatory and anticancer molecules.	3 Years
25	Dr. S. Sreeja Scientist B, Division of Molecular Endocrinology, Rajiv Gandhi Centre for Biotechnology, TVM	Search for selective estrogen receptor modulators from <i>Punica granatum</i> for breast cancer therapy using an ideal bioassay system	1 Year
26	Dr. Lakshmi S Lecturer, Division of Molecular Medicine, RCC, TVM	Validation of P16INK4a expression as a marker for oncogenic HPV infection in the uterine cervix.	2 Years
27	Dr. Elsamma Thomas Lecturer Senior Grade in Chemistry AlphonsaCollege, Pala	Traditional medicinal herbs as sources to compact microbial infections.	3 Years
28	Dr. S.V Pradeep Lecturer, Department of Botany S.V.R.N.S.S.College, T.P Puram P.O Vazhoor, Kottayam	Studies on the legume flora of Kerala State.	3 Years
29	Dr.G.Pushparajan Senior scale Lecturer in Botany Sree krisha College Guruvayoor	Collection, conservation and development of data base on species of <i>Abelmoschus medic</i> of Kerala with special reference to cytogenetical aspects	3 Years
30	Dr. A Gangaprasad Dept of Botany, University of Kerala	Micropropagation and reintroduction of selected rare and exquisite orchids of Agasthyamala.	3 Years

31	Dr. Moni Abraham Kuriakose Profesor and Chairman Head and neck Institute, AIMS Elamakkara, Kochi	Lymphoscintigraphy for the evaluation of nodal metastasis of head and neck squamous cell carcinoma.	3 Years
32	Dr. D. M Vasudevan Principal and Professor Biochemistry, Amritha , Institute of Medical Sciences, Elamakkara, Kochi	Effects of ethanol on functional and structural aspects of liver and role in angiogenesis.	3 Years
33	Dr. A Maya Nandakumar Division of Microbiology Bio Medical Technology Wing SCTIMST, TVM.	Delineating mechanisms of biofilm formation in urinary catheters: Characterization of role of <i>E.coli</i> secretory proteins and influence of environmental signals	3 Years
34	Dr. Arun A Rauf Lecturer Department of Biochemistry University of Kerala, Kariavattom, TVM	Diabetic heart and its relationship with cardiac hypertrophy specific serum protein of molecular weight 182 kDa.	3 Years
35	Mr. Leon Ittiachen Senior Lecturer Department of Biotechnology Sahrdaya College of Engineering & Technology, Thrissur	Nisin as a biopreservative in traditional ayurvedic medicines.	2 Years
36	Dr. Prabha Balaram Professor Division of Cancer Research, RCC, TVM	Immunomodulation of T-cell signal transduction by exosomes from oral cancer patients	2 Years
37	Dr. M. Indira Lecturer Department of Biochemistry University of Kerala	Purification, characterization, possible cloning and expression of protein showing antifertility effects in male rats from <i>Achyranthes aspera</i> and <i>Ricinus communis</i>	3 Years
38	Dr. Prakash Kammath Consultant Cardiologist Department of Cardiology Amritha Institute of Medical Sciecnes.	Coconut oil in the etiology and progression of atherosclerosis, effects on the DNA & role in oxidative stress.	2 Years
39	Dr.S N Sarbadhikari Associate Professor of Biomedical Engineering, Amrita Vishwa Vidyapeetham, Amritapuri, Kollam.	Modelling the effects of decreased levels of GABA and accumulation of GHB on GABA receptors and its effects on pediatric/neonatal seizures.	3 Years
40	Dr. T T Sreelekha Assistant Professor, Division of Cancer Research, Regional Cancer Centre, Thiruvananthapuram – 695011	Polysaccharides from <i>Tamarindus indica</i> as inhibitors of mitotic progression in malignant cell lines- Elucidation of the target protein.	2 Years
41	Dr.Sarasu T.N Selection Grade Lecturer Department of Zoology, Govt.Victoria College, Palakkad.	Biology and control of the insect <i>Asura conferta</i> Walker.	2 Years

42	Dr. A.B Rema Shree Scientist B & Head Pharmacognosy Division Centre for Medicinal Plants Research, Arya Vaidya Sala, Chenguvetty, Kottakkal, Malappuram	Pharmacognostic & Phytochemical studies for developing markers for standardization and quality control of certain Ayurvedic raw drugs.	3 Years
43	Dr. K Dhevendran Professor and Head Department of Aquatic Biology and Fisheries, University of Kerala Kariavattom, TVM	Bacteria and streptomycetes as biofertilizers in aquaculture ponds and integrated farming	3 Years
44	Dr. C. Mohan Das Principal Scientist CTCRI, Sreekariyam, TVM	Antineoplastic molecules associated with bacteria from entomopathogenic nematodes.	3 Years
45	Dr. R. Ansari Managing Director Malabar Botanical Garden G.A. College Post, Kozhikode	Floristic bioprospecting of the aquatic situations of Kerala and its strategic conservation	3 Years
46	Dr.E V Soniya Scientist C Plant Molecular Biology, RGCB, Poojappura TVM.	Isolation and full length cloning of abiotic stress induced CDPK gene and its promoter.	3 Years
47	Dr. K Santhosh Kumar Scientist Rajiv Gandhi Centre for Biotchnology Poojappura, TVM.	Studies on the biologically active peptides from frog skin secretions.	3 Years
48	Dr. A. Jayalekshmy Deputy Director & Scientist F Natural Products (Organic Chemistry Section), Chemical Sciences Division, RRL ,TVM.	Chemical prospecting and invitro activity evaluation of the bioactive compounds of 'Njavara' (<i>Oryza sativa</i>), the medicinal rice strain indigenous to Kerala, with special emphasis on the antioxidant, radical scavenging and anti inflammatory effects	3 Years
49	Dr. Sabu Thomas, Scientist B, Division of Molecular Microbiology, RGCB, Thycaud P.O, TVM	Molecular monitoring of <i>Vibrio cholerae</i> in the epidemic prone aquatic environment of TVM District in Kerala.	3 Years
50	Dr.C. Pavithran RRL, Thiruvananthapuram	Low loss ceramic – polymer composites for DDD microelectronic packaging applications	3 Years
51	Dr.S.Sugunan Professor, Department of Applied Chemistry, CUSAT, Kochi	Pillared clay catalysed green route oxidation of phenol in aqueous media.	3 Years
52	Dr. K Rajiv Kumar Lecturer Department of Instrumentation CUSAT, Kochi	Preparation of high –K dielectric coatings using plasma enhanced atomic layer deposition and their characterization	3 Years

53	Dr. Roy Joseph (Dr. A Jayakrishnan) Scientist G and Head Polymer Chemistry Division, SCTIMST Biomedical Technology Wing, Poojapura, TVM	Synthesis and characterization of radiopaque polyurethanes for medical applications	3 Years
54	Dr. A.R.R. Menon Scientist – E11 Chemical Sciences Division, Regional Research Laboratory (CSIR), Thiruvananthapuram – 19.	Studies on development of pressure sensitive adhesives based on polychloroprene rubber and natural rubber modified with phosphorylated cashew nut shell liquid prepolymer	3 Years
55	Dr.K.R Haridas Reader, School of Chemical Sciences Kannur University, Payyanur	Synthesis and characterization of arylamines for application in solar cells	3 Years
56	Dr. K.P Vijayakumar Professor Department of Physics, CUSAT, Kochi.	Standardization of automated spray pyrolysis unit for the fabrication of all sprayed thin film solar cell.	3 Years
57	Dr. M.R Prathapachandra Kurup Professor & Head Department of Applied Chemistry CUSAT, Kochi	Investigations of structural aspects of transition metal complexes of some arylhydrazones	3 Years
58	Dr. Peter Koshy Department of Electron Microscopy Regional Laboratory (CSIR), TVM	Studies on novel rare earth based phosphates phosphor and dielectric applications.	3 Years
59	Dr. Vinoy Thomas Lecturer Christian College, Chengannur	Synthesis of ultra-fine magnetic particles for application in high frequency magnetic cores and magnetic thin film sensors.	3 Years
60	Dr. Thayal Singh Elias Associate Professor Division of Radiation Physics, RCC TVM.	Technology development of cancer treatment gadgets.	1 Year
61	Dr. Asha S.K Scientist C Polymer Science Division RRL, TVM.	Design and development of novel hydrogen bonding resins for UV-curable application	3 Years
62	Dr. Laly A Pothen Selection Grade Lecturer Department of Chemistry Bishop Moore College, Mavelikkara	Development of chemically modified bio fibre composites and their applications	3 Years
63	D.G Jayakumar Department of Chemistry, M.G College TVM	Bio and radiation induced transformations in meliaceous triterpenes with a view to synthesis bioactive molecules	3 Years
64	Dr. V.L Geethakumari Associate Professor, College of Agriculture, Vellayani	Eco friendly techniques for enhancing productivity of vegetables	2 Years
65	Dr.A.S.Anil Kumar Assistant Professor, (Agronomy), KAU, Vellayani, Tvm.	Sustainable techniques for domestication and commercial cultivation of selected medicinal plants in the humid tropics	3 Years
66	Dr. Marykutty Abraham St. Joseph's College for Women, Alappuzha	Studies on secondary metabolite production in callus cultures derived from Colchicine treated seeds of sida species.	1 Year

67	Dr. Ruby John Anto Scientist , RGCB,Tvm.	Synergistic effect of Curcumin and taxol including apoptosis of cancer cells	3 Years
68	Dr.L.Geetha Senir Scale Lecturer, Dept. of Botany, M.G.College, Tvm.	In vitro management of <i>Cassia angustifolia</i> and <i>Cassia mimosoides</i>	3 Years
2006-2007			
1	Dr. Swapna Alex Assistant Professor (Biotechnology) Dept. of Plant Biotechnology, CoA Vellayani, TVM.	Induction of invitro flowering in Dendrobium	3 Years
2	Dr. T. Girija Assistant Professor, AICRP on Weed Control, College of Horticulture, KAU. P.O, Thrissur	Evaluation of phenology, growth pattern and phyto chemistry of <i>Loranthus</i> spp (<i>Dendrophthoe falcata</i> .L) of Kerala in relation to host specificity and control	3 Years
3	Dr. T. Srinivas Scientist, Section of Soil Sciences, CTCRI Sreekariyam, TVM	An economic analysis of yield gaps and constraints in tuber crops production in Kerala	3 Years
4	Dr. Vimi Louis Assistant Professor Division of Plant Pathology, RARS MelePattambi, Palakkad	Evaluation of resistance inducing substances for management of Bitter gourd mosaic	3 Years
5	Dr. G. Sivakumar (Dr. Dhanya M. K) Assistant Professor Cardamom Research Station Pampadumpara, Idukki	Developing consortia of bio control agents for the management of capsule rot and clump rot disease of cardamom	3 Years
6	Dr. Reghu Ravindran Assistant Professor Department of Veterinary Parasitology College of Veterinary and Animal Sciences, Pookot, Wayand	Investigation on the role of dogs in the transmission of Brugian filarial infection to humans and molecular epidemiology of filarial infections	3 Years
7	Dr. N. Mini Raj Assistant Professor (Hort.) College of Horticulture, KAU, Thrissur .	Domestication studies on 'Jeevakom (<i>Seidenfia rheedii</i> Sw.Szkch)- Part II	3 Years
8	Dr.P.A. Valsala Associate Professor KAU, Thrissur	Evaluation of Vanilla (<i>Vanilla planifolia</i> Andrews) hybrids through intraspecific and interspecific and inter specific hybridisation and embryo culture	3 Years
9	Dr.A.K.Beena Assistant Professor College of Dairy Science & Technology, KAU Thrissur.	Utilisation of microbial enzymes of dairy origin for quality assurance in dairy industry	3 Years
10	Dr. J. Letha Professor Dept of Civil Engineering College of Engineering, TVM	Optimal design of water distribution network using multi-objective genetic algorithm	3 Years

11	Dr. A.P. Shashikala Assistant Professor Dept of Civil engineering, National Institute of Technology, Kozhikode	Experimental investigations on use of scrap tyre shreds in place of mineral particles in cement concrete	3 years
12	Dr. P. Mythili Senior Lecturer Division of Electronics, School of Engineering CUSAT, Kochi	Design optimisation and development of compact microstrip antenna configurations using Genetic Algorithm	3 years
13	Dr. Chitrathara Associate Professor Department of Surgical Oncology AIMS, Kochi.	Prostate cancer screening in Kerala.	2 Years
14	Dr. R. Luxmi Varma Scientist E1, Electron Microscopy Department, RRL, TVM	Microanalytical investigations of urinary Stones: FTIR Spectroscopy vs SEM EDAX	3 Years
15	Dr. D.K Vijayakumar Additional Clinical Professor & Head Department of Surgical Oncology, AIMS Kochi	A pilot study to assess the feasibility of evaluation of markers of response to chemotherapy within 24 hours & at 21 days after first cycle of chemotherapy in carcinoma of breast	1 Year
16	Dr. Moinak Banerjee Scientist E1, RGCB, Poojappura, TVM	Genetic profiling of a cohort of areca-nut associated oral submucous fibrosis: An analysis of their hla haplotypic linkage and tgf- beta polymorphism.	2 Years
17	Dr. JemPrabhakar Associate Professor of Surgical Oncology, RCC, TVM.	Differential gene expression on tumor tissue at different stages of menstrual cycle	3 Years
18	Dr. K.E. Elizabeth Associate Professor Dept. of Pediatrics, SAT Hospital Medical College, TVM	Nutri-genomics of congenital heart disease	2 Years
19	Dr. C.K.K. Nair Professor, Amala Cancer Research Centre, Amala Nagar, Thrissur	Search for herbal radioprotectors for therapeutic use: Modification of cellular radiosensitivity by phytopharmaceuticals	2 Years
20	Dr. Jakson James Scientist C Stem Cell Biology, Department of Neuro Biology, RGCB, TVM	Isolation characterization of human stem (ES) cell line	2 Years
21	Dr. A.A. Mohamed Hatha Reader, Department of Marine Biology Microbiology & Biochemistry School of Marine Sciences, CUSAT Kochi	Risk assessment of bivalve shellfish from Kumarakom estuary and development of a closed water depuration system with biofilter to remove the pathogenic bacteria from the shellfish	3 Years
22	Dr. Sanil George Scientist B RGCB, TVM	DNA barcoding of selected Ranid frogs of Kerala	3 Years
23	Dr. P.M.Radhamany Lecturer (Sl. Grade) Department of Botany, University of Kerala, TVM, Kerala - 69581	Studies on conservation of <i>Thottea barberi</i> (Gamble) Ding Hou: Reproductive biology and molecular characterization	3 Years

24	Dr. R.V. Omkumar, Scientist E1 Rajiv Gandhi Centre for Biotechnology Thycaud P.O, TVM – 14	Brain proteome analysis of rats treated with extracts of plants with cognition enhancing properties	2 Years
25	Dr. John Thomas K Reader in Zoology Department of Zoology, Christ College Irinjalakuda	Development of strategies for seed production and enhancement of larval survival of <i>Amblypharyngodon</i> sps and the threatened cat fish <i>Ompok malabaricus</i>	3 Years
26	Dr. D. Sheela Professor & HOD Department of Prasoothitantra & Streeroga, Vaidyaratnam Ayurveda College, Ollur, Thaikkattussery, Thrissur	Randomised controlled trial to evaluate the efficacy of vidari (<i>Ipomea paniculata</i>) and Aswaganda (<i>Withania somnifera</i>) in the treatment of Garbhasosham (Intra Uterine Growth Retardation)	3 Years
27	Dr.C.Kesavadas Associate Professor of Imaging & Interventional Radiology, SCTIMST TVM	Multymodality neuroimaging in presurgical work up of patients with temporal lobe epilepsy (TLE)	3 Years
28	Dr. K. Sreekumar Reader CUSAT, Kochi	Nanostructured conjugated polymeric Ink for Printable chemical sensors	3 Years
29	Dr. C. Sudha Kartha Reader, CUSAT, Kochi	Study on eosin dye sensitized polymers for holographic applications	3 Years
30	Dr. Paulson Mathew Senior Grade Lecturer Department of Chemistry, St. Thomas College, Thrissur	Studies on the total synthesis if some bioactive marine natural products and their biological evaluation	3 Years
31	Dr. E. Purushothaman Professor Department of Chemistry, University of Calicut, Kozhikode	Reinforcement of natural rubber using natural resource fillers	3 Years
32	Dr. Shiny Palaty Selection Grade Lecturer Department of Chemistry, Bharata Mata College, Thrikkakara, Kochi	Low temperature vulcanisation system for NR latex pre vulcanisation and production of antistatic sheets	3 Years
33	Shri. Saban K.V Selection Grade Lecturer Department of Physics, St. Berchmans College, Changanassery	Design and characterization of magnetocaloric ceramic rare – earth compounds for eco-friendly refrigeration	3 Years
34	Dr. Abraham Joseph Reader in Chemistry University of Calicut	Studies on substituted triazine and triazole derivatives as corrosion inhibitors for mild steel, copper, brass and aluminium in acids solutions	3 Years
35	Dr.T.V.Kumari SCTIMST, Tvm	Development of an invitro co-culture system of hepatocytes and endothelial cells for bio artificial liver	3 Years
36	Dr.P.S Mathuranath Dept. of Neurology, SCTIMST, Tvm	Evaluation of the sub types of dementia in the cognitively impaired elderly subjects in urban Kerala	3 Years

37	Dr. C.G. Sudha Scientist, TBGRI,Tvm	Induction and phytochemical investigation of normal and hairy root cultures of <i>decalepis aryalpathra</i> , a critically endangered medicinal plant	3 Years
38	Dr. Mercy George Professor, College of Horticulture, Vellanikkara, Thrissur	Yellow leaf of arecanut and its agronomic management	3 Years
39	Dr.K.Usha Kumari Assistant Professor, Department of Soil Sciences, College of Agriculture, Vellayani, Thiruvananthapuram	Studies on standardization of organic farming for soil health and sustainable crop production.	3 Years
40	Dr. Sabina George Associate Professor, KAU, Vellayani, Thiruvananthapuram	Standardization of techniques for quality enhanced production and value added post harvest handling in Anthurium.	3 Years
2007-2008			
1	Dr.V.S.Sujatha Assistant Professor (Hort) College of Horticulture, KAU Vellanikkara, Thrissur.	Exploitation of bisexual variants for developing high yealding varites in <i>Piper longum L.</i>	3 Years
2	Dr.T.Radha Associate Professor(Hort) Department of Pomology & Floriculture Colloge of Horticulture, KAU, Thrissur	Regulation of Cropping in Mango	3 Years
3	Dr. K. Susan John Senior Scientist (Soil Science) Division of Crop production, CTCRI Sreekariyam, TVM	Interrated Nutrient manangement Strategy for Tannia (<i>Xanthosoma sagittifolium L</i>) with special emphasis on diagnosis of nutritional disorders	3 Years
4	Dr. Bini Sam Assistant Professor Farming Systems Research Station Sadanandapuram	An investigation on ergonomic evaluation and improvement of selected rice farming implements for women.	3 Years
5	Dr. Mini Abraham Assistant Professor (Agronomy) Agronomic Research Station KAU, Chalakudy	Diagnosis and recommendation of micronutrient fertilization in banana	3 Years
6	Dr. George Thomas Scientist C RGCB, TVM	Cicrumscrition of medicinal rice 'njavaara' from other traditional rice strains in Kerala following microsatellite assisted fingerprinting	3 Years
7	Dr. E. Sreekumar Scientist B Dept. of Molecular Microbiology RGCB, TVM	A molecular drug screen for Hepatitis C: Development of a cell-culture based reporter assay for identifying potential NS3/4A protease inhibitors from medicinalplants	2 Years
8	Prof. Philip Mathew Principal Investigator Centre for Heritage Studies Thripunithura, Ernakulam	Collection and ex-situ conservation of plant species described in Van Rheedee's Hortus malabaricus	3 Years

9	Dr. Hari Krishnan. K Scientist B Molecular Microbiology Division RGCB, Poojappura, TVM	Generation of metagenomic libraries for screening novel bioactive compounds	1 Year
10	Dr.Pradeep Kumar G RGCB, Thycaud, TVM.	Charecterisation of testis-specific Tyramine-receptor-like protein (TRLP)	3 Years
11	Dr. G. Anilkumar School of Biotechnology Amrita Vishwa Vidyapeetham, Kollam	Screening for the GLUT4 transporter modulators from anti-diabetic plants	3 Years
12	Dr.S.R. Narahari Director, Institute of Applied Dermatology, Kasaragod	Vitiligo: Developing software as prognostic tool to assess the quality and quantity of repigmentation.	2 Years
13	Dr. K. R. Chandramohanan Nair Senior Scientific Officer Department of Anatomy, Medical College, TVM	Localization of Ghrelin cells in the Gastrointestinal Tract of Sub-mammalian Vertebrates	2 Years
14	Bipin.T.Vargese Associate Professor Division of Surgical Oncology, RCC TVM, Kerala, India.	Development of a strategy for comprehensive postlaryngectomy rehabilitation - A Kerala perspective	3 Years
15	Dr. P.S. Udayan Senior Scientist Centre for Medicinal Plants Research, Arya Vaidya Sala, Changuvetty, Kottakkal Malappuram	Taxonomic studies, propagation and characterization of the anti-diabetic drug plants of the genus Salacia occurring in Kerala	2 Years
16	Dr. Sudha J.D. (Dr. T. Emilia Abraham) NIIST, CSIR TVM	Studies on the development of modified starch micro and nanoparticles and edible films from unique starch resources of Kerala.	3 Years
17	Dr.K.C.George Reader, Department of Physics, St Berchman's College, Changanassery	Synthesis of ID nanostructured metrials and study of their optical and electrical properties	3 Years
18	Dr.P.R.Sobhana Wariar Reader in Physics University College, TVM	Development of nanoparticles of (Ba.Sr.)TiO ₃ and their combinatorial ceramic oxides through a novel modified combustion process, for their advanced electronic applications	3 Years
19	Dr.V. Prasannakumar Head, Dept. of Geology University of Kerala, TVM	Setting up of excellence in Geoinformation Science & Technology.	3 Years
2008-2009			
1	Dr.Sheeba Rebecca Isaac Assistant Professor (Agronomy) Krishi Vigyan Kendra Sadanandapuram, Kottarakkara	Standardisation of quality vegetable seed production techniques for South Kerala and promotion through group approach	3 Years
2	Dr. T. N. Jagadeesh Kumar Professor Dept. of Agronomy, Krishi Vigyan Kendra, Thrissur	Low cost technologies for small scale silage making in rural homesteads of Kerala	3 Years

3	Dr.T.Pradeep Kumar Associate Professor (Horticulture) Dept. of Olericulture, College of Horticulture, Vellanikkara, Thrissur	Developing seedless watermelon suitable to kerala through polyploidy and mutation breeding	3 Years
4	Dr. A. Latha Assistant Professor College of Horticulture, KAU, Vellanikkara Thrissur.	Homestead herbal farming and value addition in plants	3 Years
5	Shri. K. D. Prathapan Assistant Professor Dept. of Entomology, College of Agriculture, KAU, Vellayani, TVM	Studies on host plants of flea beetles (Coleoptera: Chrysomelide: Alticinae) in South India	3 Years
6	Dr. C. A. Jayaprakas Principal Scientist & Head Dept. of Entomology, CTCRI Sreekaryam, TVM	Identification and formulation of insecticidal active principles of Cassava seeds	3 Years
7	Dr. C. Thamban Sr. Scientist CPCRI, Kasaragod	Field level utilisation of microirrigation technology in Northe Kerala - An innovation system analysis	2 Years
8	Dr.Jiji Joseph Associatet professor College of Horticulture, Vellanikkara, Thrissur	Development of black gram varieties suitable for central zone of Kerala	3 Years
9	Dr.Latha Bastine.C Associate Professor College of Agriculture, Kasaragod	Competitiveness and trade security in Indian Pepper – A Policy Analysis Matrix (PMN) approach	2 Years
10	Dr. T. S. Chellammal Associate Professor, Dept. of Home Science, College of Agriculture, TVM	Impact of nutritional counselling and lifestyle intervention on obese adults	2 Years
11	Dr.Gigi Thomas Assistant Professor Division of Community Oncology RCC, TVM	Search for predictive genitic markers of high risk malignant transformation potential in oral leukoplakia patients	3 Years
12	Dr. E.A.Siril Lecture, Department of Botany, University of Kerala, Karyavattom	Evaluation and propagation of Annatto (<i>Bixa orellana</i> L.)- A food dye yielding plant	3 Years
13	Dr.M.C.Kalavathy Lecturer, RCC, TVM	Role of Cervical HP V infection in progression or regression of other cervical infections and cervical cancers or precancers	3 Years
14	Dr.T.Priya Kumari Associate Professor Paediatric Oncology, RCC, TVM	Molecular genetics of paediatric acute lymphoblastic leukaema in Kerala	3 Years
15	Dr.Maya Raman (New PI- Jose Joseph) Lecturer, Mar Athanasios College for Advanced Studies, Thiruvalla	Fish collagen from underutilized marine fishery resorces of Kerala	3 Years

16	Dr. A.Bijukumar Lecturer, Dept. of Aquatic Biology and Fisheries, University of Kerala.	Marine biodiversity informatics for Kerala	3 Years
17	Dr.M.S Latha Professor School of Biosciences, M G University Kottayam	Protective effect of <i>Elephantopus scaber</i> – A traditional medicinal plant on hepatic fibrosis and hepatocellular carcinoma	3 Years
18	Dr.K. Murugan Sel.Gr.Lectuer in Botany University College, TVM	Ecophysiological and biochemical adaptations of Bryophytes	3 Years
19	Dr.P.R.HarikrishnaVarma Scientist-in-charge Bioceramics Laboratory, Biomedical Technology Wing, SCTIMST, TVM	Pulsed laser coating of bioactive ceramic composite on titanium bone implants	3 Years
20	Dr.Nisha.A.R Assistant Professor, College of Veterinary& Animal Sciences Pookot.	Toxicological effects of agrochemical and antibiotic residues in cattle of Northern Kerala	3 Years
21	Dr.Sudha Devi.A.R Sr.Lecturer, Department of Zoology Mary Matha Arts & Science College, Vemom PO, Mananthavady	Biology and reproductive physiology of the land crab, <i>Barytelphusa cunicularis</i>	3 Years
22	Dr.Sabu K Thomas Selection Grade Lecturer Dept. of Zoology St.Joseph's College, Devagiri Kozhikode.	Biocontrol of Mupli beetles (Luprops: Tenebrionidae) by identification of aggregation pheromones and control of premature leaf fall in rubber plantations.	3 Years
23	Dr.S.Bijoy Nandan Reader in Marine Biology School of Marine Sciences, Lake Side Campus,CUSAT, Kochi	Ecology and fish production potential of the Kodungallur- Azhikode back water ecosystem	3 Years
24	Dr.P.Remani Associate Professor Regional Cancer Centre, TVM	Evaluation of the antitumour and immunomodulating properties of <i>Elephantopus scaber</i>	3 Years
25	Dr.Harikrishnan.S Associate Professor in Cardiology SCTIMST, Medical College PO, TVM.	Coronary artery disease in the young	3 Years
26	Dr.Chitra.V Sr.Lecturer Dept. of Biochemistry, Pushpagiri Institute of Medical Sciences & research Centre, Thiruvalla	A study on cytogenetical and molecular mechanism of resistance to Imatinib Mesyloid Leukemia (CML)	3 Years
27	Dr.Aleyamma Mathew RCC, TVM	Risk factors of bladder and kidney cancers in kerala	3 Years
28	Dr. K. Mahadevan Prof. of Ophthalmology Regional Institute of Ophthalmology (Govt. Ophthalmic Hospital),TVM	Metabolic status and post laser visual prognosis in diabetic retinopathy	3 Years
29	Dr. V.P. Joseph Reader, Dept. of Physics, Christ College Irinjalakuda	Study and development of liquid dielectric filled tunable metamaterials	3 Years

30	C. Yohannan Panicker Lecturer Selection Grade Dept. of Physics, TKM, College of Arts and Science, Kollam	Spectroscopic investigations of sulfanilic acid sodium salt adsorbed on silver colloid	1 Year
31	Dr. Mercy Iype Lecturer Selection Grade Department of Chemistry, Mar Thoma College, Thiruvalla, Kerala	Fabrication of organic-inorganic multilayer thin films for solar energy related applications and effect of annealing on their properties	3 Years
32	Dr.S.Anirudhan Department of Geology University of Kerala, Karyavattam,TVM	Structure and composition of Garnet minerals in beach placers of Kerala and parts of Tamilnadu	3 Years
33	Dr. Sujatha C. H Lecturer, Department of Chemical Oceanography, School of Marine Sciences, CUSAT, Kochi	Hydro geochemical quality assessment of ground waters in selected districts of Kerala	3 Years
34	T.K. Manoj Kumar Assistant Professor, Computational Chemistry, IIITMK, Technopark, TVM	Benzoquinones clusters as potential molecular switches: A Theoretical search	3 Years
35	Dr.Jijimon K Thomas, Associate Professor Department of Physics, Mar Ivanios College, TVM	Study on the effect of addition of nano-particles of ceramic oxides on the critical current densities of YBa ₂ Cu ₃ O _{7-d} superconducting thick films	3 Years
36	Dr.Achamma Kurian (New PI- Soosen Samuel) Reader, Dept. of Physics Catholicate College, Pathanamthitta	Investigations on Application of photothermal effect in material science & biophotonics	3 Years
37	Dr.T. L. Remadevi Sel. Gr. Lecturer Department of Physics, Pazhassi Raja N.S.S College, Mattanur, Kannur	Optical and electrical characterization of wide band gap semiconducting thin films prepared from novel photochemical deposition method	3 Years
38	Dr. K. Joy Sl.Gr. Lecturer, Dept. of Physics Mar Ivanios College, TVM	Preparation of Terbium and Erbium doped nano particle Zirconium oxide thin films for photoluminescence applications by sol-gel method and their characterization	3 Years
39	Dr.Lisa Sreejith Senior Lecturer, Department of Science & Humanities NITC, Kozhikode.	Mesophase formation and characterisation of organised assemblies	3 Years
40	Dr. Rachel Reena Philip Lecturer, Dept. of Physics, U C College Aluva	Thin Film preparation and valence band splitting studies of I-III-VI compounds and solar cell device fabrication	3 Years
41	Dr. Annamma John Reader, Department of Physics St. Johns College, Anchal	Synthesis and Characterization of Materials for Dielectric Resonators and Solid Oxide Fuel Cells	3 Years
42	Dr.Sabu Thomas School of Chemical Sciences MG University, Kottayam	Development of thermoplastic vulcanizates (TPVs) from natural rubber and polypropylene blends for the fabrication of automotive parts and shoe soles	3 Years

43	Dr. Susan Joseph Dept. of Chemistry, St. Stephen's college, Pathanapuram	Design and development of high performance thermoplastic elastomers from polystyrene/polybutadiene blends	3 Years
2009-2010			
1	Dr. K. A. Bindu Associate Professor College of Veterinary and Animal Science, KAU, Mannuthy, Trissur	Genetic analysis and marker assisted selection in Malabari goats using micro satellite markers	3 Years
2	Dr. P. B. Pushpalatha Professor Dept. of Processing Technology, College of Horticulture, Vellanikara, Trissur	Process standardisation for developing novel products based on select tropical fruits	3 Years
3	Dr. Mini C Associate Professor Dept. of Processing Technology, College of Agriculture, Vellayani, TVM	Osmotic dehydration of cashew apple for development of 'ready to eat' value added food, preserving its natural qualities	3 Years
4	Dr. Suma B Associate Professor College of Horticulture, Thrissur	Characterization and identification of superior genotype of Thippali (<i>Piper longum</i> L.)	3 Years
5	Dr. S. Regeena (New PI - Dr. Jesy Thomas) Professor & Head Farming Systems Research Station KAU, Kottarakkara Kollam	Impact of agricultural research on productivity - a case study of research in vegetables	3 Years
6	Dr. Jayalekshmy V G Associate Professor Dept. of Plant breeding & Genetics College of Agriculture, Vellayani, TVM	Locating resist gene donors to major pests and diseases in traditional rice varieties of Kerala using marker assisted selection	3 Years
7	Dr. M. T. Kanakamany Professor Agricultural Research Station Mannuthy, Thrissur	Corrective breeding of rice variety Jyothy to incorporate panicle shattering	3 Years
8	Dr. N.A. Aleykutty, Principal, Dept. of Pharmaceutical Science MG University, Kottayam	Design, development and biopharmaceutical & pharmacokinetic evaluation of chronotherapeutic drug delivery system	2 Years
9	Dr. S. Kannan Additional Professor, Division of Cancer Research, RCC, TVM	Knockdown studies to elucidate the mechanism of cyclin D1 overexpression and exploration of its therapeutic implications in oral carcinoma	3 Years
10	Dr. C. Sadasivan Reader, Dept. of Biotechnology & Microbiology Kannur University, Thalassery Campus	Development of antifungal agents against <i>Aspergillus flavus</i> with alpha amylase as the target	3 Years
11	Dr. Sudha. K Reader, Dept. of Zoology & Research Centre, SN College, Kannur	Studies on parasitic crustaceans infesting on fishes	3 Years
12	Dr. Santhosh Nampy, Reader, Dept. of Botany, St. Joseph's	Taxonomic revision of the genus <i>Murdanniaroyle</i> (Commelinaceae) in	3 Years

	College, Devagiri, Kozhikode	India	
13	Dr.Anitha Mathews Additional Professor Division of Pathology, RCC, TVM	Classification of breast carcinoma based on immunohistochemical profile and its correlation with histomorphological features and clinical outcome	3 Years
14	Dr. Lakshmi. S Lecturer, RCC, TVM	Role of EGFR down stream signalling molecules in breast cancer	3 Years
15	Dr. V.V. Radhakrishnan Professor & Head, Department of Pathology, SCTIMST, TVM	Evaluation of cord factor of M tuberculosis as a prognostic marker in patients with pulmonary tuberculosis	2 Years
16	Dr. M.S. Jisha Reader, School of Biosciences, MG University, Kottayam	Molecular basis of sodium dodecyl sulphate (SDS) bioremediation & bioreactor designing	3 Years
17	Dr. Sailas Benjamin Reader Enzyme Technology Laboratory Dept. of Botany, University of Calicut	Prospecting industrially significant lignocellulolytic microorganisms from the wood- yards in Kallai river	3 Years
18	Dr. Renuka N.K Lecturer Dept. of Chemistry, University of Calicut, Malappuram	Studies on the catalytic activity of mesoporous metal oxides for automotive exhaust gas purification	3 Years
19	Dr. K. Girish Kumar Department of Applied Chemistry CUSAT, Kochi	Development of Novel Mecrocyclics based electrochemical sensors for metals	3 Years
20	Dr. N.V. Unnikrishnan Professor School of Pure & Applied Physics, MG University, Kottayam	Preperation of novel planar optical waveguides via Ion- exchange / sol - gel route and their charectrization.	3 Years
21	Dr. Sheenu Thomas Lecturer, Centre of Excellence in Lasers and Optoelectronic Science, CUSAT	Optical properties of rare earth doped chalcogenide glasses	3 Years
2010-2011			
1	Dr. Roy Stephan Assisstant Professor Dept. of Plant Physiology, College of Agriculture, Vellayani, TVM	Development of water stress tolerant black pepper hybrids through pollen selection and selective fertilization	3 Years
2	Dr. V.S Santhosh Mithra Scientist- SG CTCRI, Sreekariyam, TVM	Participatory development of a web based user friendly cassava expert system	3 Years
3	Dr. K M Sreekumar Associate Professor College of Agriculture, Pattanakkad Kasargod	Utilization of Red ant (<i>Oecophylla smaragdina</i> F.) for pest management in vegetables.	3 Years
4	Dr. P Indira Devi Professor, College of Horticulture, KAU Vellanikara, Thrissur	Supply side analysis of pesticide marketing in Kerala – Evidence from retail traders.	3 Years
5	Dr. Ally. K Associate Professor College of Veterinary & Animal Sciences, Mannuthy, Thrissur	Effect of supplementation of energy and undegradable protein on milk production in crossbred dairy cattle.	3 Years

6	Dr. Ashalatha Associate Professor Dept. of Neurology, SCTIMST, TVM	Improving location in lesion negative focal epilepsy: Can EEG- fMRI predict the epileptogenic zone and the likelihood of post-operative seizure freedom	3 Years
7	Dr. K.Sujathan Assistant Professor Molecular Pathology Laboratory Division of Pathology, RCC, TVM.	Study of the DNA replication licensing proteins as markers of cervical cancer	2 Years
8	Dr.Geetha. N Additional Professor Division of Medical Oncology, RCC, TVM	Cytogenetic and molecular response studies of Imatinib mesylate therapy in patients with Chronic Myeloid Leukemia (CML)	3 Years
9	Dr.P.K.K.Nair Director Environmental Resources Reserch Centre, Peroorkada, TVM	Palinological Investigation of tropical spices crops and their wild allies	3 Years
10	Dr. M. V. Nadaraja Panikkar (New PI- Dr. P Ampili) Honorary Director of Research Department of Botany, S.N.College for Women, Kollam	Algal biodiversity of the Silent vally and the adjoining areas of Kerala	3 Years
11	Dr. Lizymol P.P Scientist, Dental Products Laboratory, BMT Wing, SCTIMST, TVM	Development of smart dental composites consist of calcium containing resins and fillers	3 Years
12	Dr. T.T.Sreelekha Scientific Officer, Division of Cancer Research, RCC, TVM	Preparation and characterization of nanoparticles from antitumor polysaccharide pst001 and elucidation of its pharmacokinetics	3 Years
13	Dr. N. Chandramohanakumar Director, School of Marine Science, CUSAT	Sterols and hoponoids as organic matter biomarkers in mangrove ecosystems along Kerala coast	3 Years
14	Dr. C. Mohandas CTCRI, Sreekariyam, TVM	Novel molecules produced by unique bacteria and their bioactivity	3 Years
15	Dr. S.V.Pradeep Selection Grade Lecturer Dept. of Botany, SVR NSS College, Vazhoor, Kottayam	Floristic studies on the vembanad wet lands with reference to pathiramanal island, Kumarakom K.T.D.C complex and adjoining areas.	3 Years
16	Dr. Jose T. Puthur Lecturer Dept. of Botany, University of Calicut Kozhikode	Effect of GABA/BABA-priming on drought tolerance potential of pepper (Piper nigrum L): A less defense investment process	3 Years
17	Dr. Anoopkumar Thekkuveetil Division of Molecular Medicine SCTIMST, TVM	Role of Transformation growth factor - alpha in neuronal growth and regeneration	3 Years
18	Dr. R. Renuka Nair Scientist- G Division of Cellular and Molecular Cardiology, SCTIMST, TVM.	Autocrine and paracrine mechanisms in human resident cardiac stem cell signaling following hypoxic injury	3 Years

19	Dr. Simon George Department of Ophthalmology Medical College, Regional Institute of Ophthalmology, Vanchiyoor, TVM	Prevalence and risk factors of dry eye among patients attending a tertiary eye care hospital in Kerala State	2 Years
20	Dr.K. P. Vijayakumar Professor Dept. of Physics, CUSAT, Kochi	Development of Tin based p-n junctions deposited using the indigenously fabricated automated spray coating machine for thin film solar cells.	3 Years
21	Dr. C. T. Aravindakumar Professor & Director School of Environmental Sciences M G University, Kottayam	Sonochemical degradation of some organic water pollutants	3 Years
22	Dr. Jini Thomas Dept. of Physics Kuriakose Elias College, Kottayam.	Development of rare-earth containing ceramic perovskites with colossal dielectric constant	3 Years
23	Dr.K. C. Ajithprasad Dept. of Physics, M G College, TVM.	Laser induced photothermal studies on rare earth based nano composites	1 Year
24	Dr. Raghavan. P Scientist-G, Head PE&ET Division, NIIST Pappanamcode, TVM.	Development of modern and eco-friendly beneficiation process and flow sheet for Kasaragod and Kannur China Clay	3 Years
25	Dr. Lovely Mathew Selection Grade Lecturer Department of Chemistry, Newman College, Thodupuzha, Kerala	Development of isora micro fibrils by a novel enzymatic method and its utilization as reinforcement for the manufacture of value added rubber products.	3 Years
26	Dr. K. P. Subash Chandran Reader, Research & P.G. Dept.of Chemistry, Sri Vyasa N.S.S. College, Wadakanchery, Thrissur	Development of cross linked, beaded form of Agarose (Polysaccharide polymer material) for affinity chromatography Column.	3 Years
2011-2012			
1	Dr.P. P. Moossa Assistant Professor Regional Agricultural Research Station Pattambi	Utilisation of nutrient specific phytoextractors/ accumulators for enriched compost production in organic farming	3 Years
2	Dr.Rose Mary Francies Associate Professor College of Horticulture, Vellanikkara P.O Thrissur	Donor identification for tolerance to iron toxicity in rice (<i>Oryza sativa</i> L.)	3 Years
3	Dr. Minimol.J.S. Assistant Professor Horticulture,vellanikara, Thrissur	Phenological synchrony of flowering,fruit set,fruit development and yield of selected Cocoa clones and hybrids	3 Years
4	Dr. P. P. Joy Associate Professor&Head Pineapple Research Station,Vazhakulam Muvattupuzha, Ernakulam	Evaluation of passion fruit types for commercial cultivation in Kerala	3 Years

5	Dr.P .Raji Associate Professor Regional Agricultural Research Station Pattambi	Molecular characterization and virulence analysis of <i>Pyricularia grisea</i> and <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> , the blast and bacterial blight pathogens of rice in Kerala	3 Years
6	Dr. Uma Maheswaran Professor Dept. of Plant Pathology, College of Agriculture, KAU, Vellayni, TVM	Molecular diagnosis of banana viruses and production of disease free planting materials	3 Years
7	Dr.Sally K Mathew Professor & Head Department of Plant Pathology, College of Horticulture, Vellanikkara, Thrissur	Development of Microbial Consortium for rapid Composting of Ligno – Phenolic agrowastes	3 Years
8	Dr. Linu Mathew Lecturer, School of Biosciences, M G University Kottayam	Barcoding and genetic diversity analysis of <i>Clarias</i> spp. In Kerala	3 Years
9	Dr. M. Padmaja ENT Consultant (Hon.) NISH, TVM	Understanding the DFNB mutation map in Autosomal recessive Non Syndrome Deafness from Kerala	3 Years
10	Dr. C.K.Pradeep Scientific Assistant TBGRI, Palode, TVM	Inventory, documentation and development of cultivation protocol for the lesser known wild edible mushrooms of Kerala	3 Years
11	Dr. Prakash Kumar B Reader, School of Biosciences M G University,Kottayam	Evaluation of methanolic extracts <i>Elephantopus scaber</i> for inhibitors of 5-lipoxygenase (5-LOX) and cyclooxygenase-2 (COX-2)	3 Years
12	Dr. C. Latha Associate Professor Dept. of Veterinary Public Health College of Veterinary and Animal Sciences, Thrissur	Development of a Multiplex PCR method for the simultaneous detection of four common food pathogens in meat and meat products	3 Years
13	Dr.E. Jayadevi Variyar Lecturer Dept. of Biotechnology and Microbiology Kannur University	Immuno-modulatory bio-molecules from medicinal plants	3 Years
14	Dr. Hariharan S Lecturer Division of Cancer research, RCC, TVM	A study on cytogenetical and molecular mechanism of resistance to Imatinib Mesyloid Leukemia (CML)	3 Years
15	Dr.Thayal Singh Elias Associate Professor Division of Radiation Physics, RCC TVM	Development of Bbeam direction devices and radiotherapy management & calculation software	1 Year
16	Dr. K. Rajeevkumar Lecturer Department of Instrumentation, CUSAT	Investigations on the preperation of multi layers of highmaterials by atomic layer deposition and their characterization.	3 Years
17	Dr. Jayakumari Isac, Associate Professor, Department of Physics, CMS College Kottayam New PI-Sam Rajan	Ceramic polymer composites	1 Year

18	Dr. M. Junaid Bushiri Reader, Department of Physics, CUSAT Kochi	Growth and characterization of tin oxide materials for optoelectronic applications.	3 Years
19	Dr. Thomas Varghese Associate Professor Dept. of Physics, Nirmala College Muvattipuzha	Synthesis, sharacterization and applications of nanocrystalline metal oxides.	3 Years
20	Dr. Suja Haridas Assistant professor Dept. of Chemistry, N.S.S College Nemmara	Dye encapsulated mesoporous meterials-photophysical and photochemical evaluation	3 Years
2012-2013			
1	Dr.S.Maya Associate Professor, Dept. of Veterinary Anatomy and Histology College of Veterinary and Animal Sciences, KAU, Pookot, Wayanad	Studies on the anomalies of embroyos causing low hatchability in chicken	2 Years
2	Dr.Reji Rani O.P Assistant Professor Dept. of Entomology, College of Agriculture, Vellayani, TVM	Management of sucking pest complex in the vegetable ecosystem using entomogeneous fungus <i>Lecanicillium lecanii</i>	3 Years
3	Dr.V.S. Sujatha Professor, Dept. of Plantation Crops & Spices, College of Horticulture, KAU Vellanikkara, Thrissur	Exploitation of bisexual variants for developing high yielding varieties in Piper longum L.Part II	3 Years
4	Dr. K.M. Durga Devi Associate Professor, College of Horticulture, Thrissur	Persistence of glyphosate and POEA (surfactant) in soil and water-bioaccumulation of residues in fish.	3 Years
5	Dr. Asha K. Raj Assistant Professor College of Forestry, KAU, Thrissur	Silvopasture strategies for fodder self sufficiency through homestead cultivation	3 Years
6	Dr. M Shareefa Scientist Division of Crop Improvement CPCRI, Kayamkulam, Alapuzha	Generation and Analysis of Expressed Sequence Tags(ESTs) with reference to Root (Wilt) disease of Coconut	3 Years
7	Dr.T.K.Kunhamu Associate Professor Dept.Of silviculture & Agroforestry College of Forestry, KAU, Thrissur	Understorey productivity of selected medicinal herbs in major land management systems of Kerala.	3 Years
8	Dr. B. Aparna Assistant Professor College of Agriculture Vellayani, TVM	A comparative study on soil chemical and biological regimes under coconut in red loam and laterite soils of TVM District – a farmer participatory active research	3 Years
9	Dr. B. Ramesha Assistant Professor Department of Entomology, College of Agriculture KAU, Nileshwaram	Taxonomic revision of Ceutorhynchinae (Coleoptera, Curculionidae) from India	3 Years

10	Dr .A. K .Beena Assistant Professor College of Dairy Science & Technology Mannuthy, Thrissur	Fermented milk products for cardiovascular benefits	3 Years
11	Dr. Mahesh Mohan Assistant Professor School of Environmental Sciences M G University, Kottayam	Accumulation of mercury and cadmium in benthic food web of cochin estuary – a stable isotope approach	2. ½ Years
12	Dr. C. Anilkumar Scientist C, Seed Bank PGR Division, TBGRI, Palode, TVM	Ex situ and In situ Conservation of <i>Garcinia imberti</i> bourd. – an endangered and endemic tree of teh Sounthern Western Ghats	3 Years
13	Dr. Sanil George Scientist C RGCBC, TVM	Antimicrobial peptides from the skin secretion of Fungoid frog <i>Hylarana malabarica</i> of Western Ghats, India	3 Years
14	Dr. C.R. Lalitha Associate Professor Dept. Of Botany, S N College, Kannur	Biology of the relationship between the <i>Auriculoscypha anacardiicola</i> and <i>Kuwanina zeylanica</i> on <i>Anacardium occidentale</i>	3 Years
15	Dr. Subramaniyan S Assistant Professor Dept. of Botany and Research Centre, University College, TVM	Use of microorganisms harbouring cellulose and xylanase genes for the treatment of lignocellulosic wastes	2 Years
16	Dr. Sebastian C.D Assistant Professor Dept. of Zoology, University of Calicut Malappuram	Biodiversity analysis and molecular barcoding of the order odonata (Arthropoda:insecta) of northern Kerala	3 Years
17	Dr. Shiburaj Sugathan Scientist – C Molecular Phylogenetics Lab. PS & ES Division, JNTBGRI, Palode, TVM	Cloning and expression of small heat shock proteins from <i>Streptomyces</i> spp. and exploration of its industrial applications	3 Years
18	Dr. A. Helen Sr. Lecturer Dept. of Biochemistry, University of Kerala	An investigation of the effects of natural anti-inflammatory agents on Tolol like Receptors (TLRs) signalling pathway in oxLDL activated human monocytes	3 Years
19	Dr. Annie John Division of Implant Biology SCTIMST, TVM	Regeneration of intervertebral discs - A tissue engineering approach	3 Years
20	Dr. Sanjeev V. Thomas Professor of Neurology Dept. of Neurology, SCTIMST, TVM	Estimation of autoantibodies to voltage gated potassium channels and associated proteins in persons with epilepsy	1 Year
21	Dr. Maneesh Mailankot Manager, Technical (Molecular Diagnosis),Agappe Hills, Pattimattom	Role of indoleamine 2,3 dioxygenase in inflammatory cytokines and high glucose induced apoptosis of pancreatic islet B – Cells – potential therapeutival target for type -1 diabetes mellitus	2 Years
22	Dr. Suresh Nair Professor and Head Department of Neurosurgery SCTIMST, TVM	Image processing for improving diagnostic accuracy in gliomas by Magnetic resonance Imaging (MRI) and histopathology	2 Years

23	Dr. Ramsekhar Menon Asst. Professor Neurology SCTIMST TVM	The influence of sleep architecture on the severity of memory disruption in amnesic mild cognitive impairment	3 Years
24	Dr. C. Kesavadas Additional Professor Dept. of Imaging and Interventional Radiology, SCTIMST, TVM	Haemodynamic imaging of intracranial aneurysms using computational fluid dynamics	1 Years
25	Dr. Vani Syamala Assistant Professor Pushpagiri Institute of Medical Sciences and Research Centre-Thiruvalla	Screening of mutations in BRCA genes and prediction of cancer susceptibility and genetic risk assessment in general population	3 Years
26	Dr. Meenu Hariharan Director and CEO Indian Institute of diabetics, Pulayanarkotta, TVM	Effect of multilateral efforts on metabolic profile among prediabetetics	3 Years
27	Dr. Priya Srinivas Scientist E1, Integrated Cancer research programme, RGCB, TVM	BHCG and BRCA1 in gestational trophoblastic Diseases	3 Years
28	Dr. S Sreeja Scientist C Cancer research RGCB, Jagathy, TVM	An in vitro investigation on the role of estrogen and reactive oxygen species in the invasion of thyroid cancer cells with emphasis in MTA-1 and TGF beta signaling	3 Years
29	Dr. Benely George Sr. Lecturer Pushpagiri College of Dental Sciences Medicity, Thiruvalla	Oral Health Status and Treatment Needs of 5, 12 and 15 year old school children in Tiruvalla Municipality, Kerala	1 Year
30	Dr. Anuja Sathar Assistant Professor Regional Institute of Ophthalmology Govt. Medical College TVM	Risk factors, measures to prevent blindness and outcome in retinopathy of prematurity	3 Years
31	Dr. P Rajeevan Associate Professor Regional Institute of Ophthalmology Govt. Ophthalmic Hospital, Medical College, TVM	Efficacy of voriconazole in the treatment of mycotic keratitis a randomized clinical trial to compare the efficacy of voriconazole v/s natamycin in the treatment of mycotic keratitis	3 Years
32	Dr. V. S. Prasad Senior Technical Officer NIIST-CSIR, TVM	Development of biodegradable composites	3 Years
33	Dr. K.B. Rameshkumar Scientist B, Phytochemistry and phytopharmacology Division TBGRI, Palode, TVM	Biflavonoids from Garcinia species-chemical, molecular and pharmacological evaluation	3 Years
34	Dr. Abdul Khalam L Associate Professor Department of Physics, Iqbal College Peringmmala, TVM	Tuning the electrical properties of magnesium niobates (by Solid solution method) as dielectric resonators/substrates in wireless microwave communications.	3 Years
35	Dr. R. Raveendran Associate Professor Dept. of Physics, S N College, Kollam	Polymer – metal oxide nanocomposites for solar cells	3 Years

36	Dr. Tomlal Jose E Assistant Professor Department of Chemistry, St. Berchmans College, Changanassery, Kerala	Natural fibre reinforced ecofriendly and recyclable commingled composite systems	3 Years
37	Ms. Jeeva Jose Assistant Professor Dept. of Computer Applications BPC College, Piravom	Web usage mining: discovery and analysis of user behaviour from web logs	3 Years
38	Dr.P. Predeep Professor Dept.of Physics, NIT, Kozhikode.	Development of low cost polymer electrolyte membranes from cis 1,4,polyisoprene (natural rubber) for energy storage applications.	2 Years
39	Dr.Sindhu S Assistant Professor, Dept. of Nanoscience & Technology, Univetsity of Calicut, Thenhipalam	Optimization of quantum dot sensitization over TiO ₂ photoelectrode for quantum Dot Sensitized Solar Cells (QDSSC)	3 Years
40	Dr. N.K. Deepak Assistant Professor, Dept. Of Physics, School of Pure & Applied Physics, Kannur University, Payyanur	Fabrication and Characterization studies of Copper Indium Gallium Selenide based thin film solar cells.	3 Years
41	Dr. Sujith Athiyathil Assistant Professor Dept. of Chemistry, NITC, Kozhikode	Low density polyethylene/nanochitosan biodegradable films for food packaging applications	3 Years
42	Dr. Sam Solamon Associate Professor, Dept. of Physics St. John's College, Anchal	Developement and Charactrerization of Zirconia and Hafnia Derived Materials for High- k Gate Dielectrics	3 Years
43	Dr. Manoj Raama Varma Scientist EII Materials Division, NIIST-CSIR, TVM	Development of Rare Earth-based Double Perovskites, A ₂ FeReO ₆ (A=Sr,Ba,Ca, Ce,La&Nd) multilayer's for Spintronics applications.	3 Years
44	Dr. G. Anilkumar Assistant Professor School of Chemical Sciences M G University, Kottayam	Copper-catalyzed C-C, C-o and C-S bond formations using N and O containing bidentate ligands	3 Years
45	Dr. Reeja George Assistant Professor Department of Veterinary and Animal Sciences, KAU, Mannuthy, Trissur	Social analysis of smallholder dairy farmingsystems and strengthening of milk security in Kerala	3 Years
2013-2014			
1	Dr.S.Anoop Assistant Professor, Dept. of Surgery and Radiology, College of Veterinary and Animal sciences, Mannuthy, Thrissur	Clinical applications of porcine derived collagen grafts in Veterinary practice	3 Years
2	Dr. Vandana Venugopal Associate Professor Regional Agricultural Research Station Kumarakom N, Kottayam	Productivity enhancement in rice through promoting zinc nutrition using mycorrhizal symbiosis in Kuttanad soils	3 Years

3	Dr. Sreekala .G. S Assistant Professor, Dept. of Processing Technology College of Agriculture, Vellayani, TVM	Protocol development for white pepper production	1 Year
4	Dr. Swapna Alex Associate Professor Dept. of Plant Biotechnology College of Agriculture, Vellayani, TVM	Molecular characterisation of spike branching trait in black pepper (<i>Piper nigrum</i> L.)	3 Years
5	Dr. Sreeja P Assistant Professor AINPO, College of Horticulture Vellanikkara, Thrissur	Development and validation of integrated pest management for major polyhouse vegetables	3 Years
6	Dr. Sainamole Kurian Asst. Professor College of Horticulture, KAU Vellanikkara, Thrissur	Base line studies on vegetable crops under protected cultivation in Kerala as a prelude to precise disease management	3 Years
7	Dr. P. C. Jessykutty Associate Professor Dept. of Plantation Crops and Spices College of Agriculture, Vellayani, TVM	Standardization of market oriented production technology in aloe (<i>Aloe vera</i> Burm.f.) and promotion of micro-entrepreneurship through value addition	3 Years
8	Dr. K. Sudharma Professor Dept. of Entomology, College of Agriculture, Vellayani, TVM	Identification and molecular characterisation of species and isolates of entomopathogenic fungi <i>Metarhizium</i> and <i>Beauveria</i> and evaluation of their infectivity to crop pests.	3 Years
9	Dr. A. Gangaprasad Assistant Professor Dept. of Botany, University of Kerala Kariavattom, TVM	Conservation strategies and invitro production of anthraquinones in <i>Gynochthodes umbellate</i> (L.) Razafirm & B. Bremer (Rubiaceae) – a potential dye yielding plant	3 Years
10	Dr. Kannan V.M Associate Professor Dept. of Zoology, University of Calicut.	Identification and characterization of ecdysone analogue-responsive proteins from the larval hemolymph/tissue of <i>Spodoptera mauritia</i> Bois (Lepidoptera; Noctuidae)	3 Years
11	Dr. Anu Augustine Assistant Professor Dept. of Biotechnology and Microbiology, Kannur University Kannur	Molecular cloning and functional characterization of glyoxalase encoding gene (s) of mangrove genus <i>Rhizophora mucronata</i> L.	3 Years
12	Dr. K. C. Chitra Assistant Professor, Dept. of Zoology, University of Calicut Malappuram	Evaluation of the environmental estrogens in the freshwater fish, <i>Oreochromis mossambicus</i>	3 Years
13	Dr. Sudhikumar A V Assistant Professor PG & Research Dept. of Zoology Christ College, Irinjalakuda	Bioecology of spiders in the paddy fields of Muriyad kol wetlands, Kerala	3 Years

14	Dr. C. C. Harilal Assistant Professor Dept. of Botany, University of Calicut Malappuram	Eco-restoration of eroded shoreline regions of Malappuram District using riley encasement method of mangrove afforestation	3 Years
15	Dr. Sibichen M. Thomas Associate Professor Dept. Of Botany, St. Joseph's College Devagiri, Kozhikode	Taxonomic revision of the genus <i>Osbeckia</i> L. (Melastomataceae) in India	3 Years
16	Dr. Tajo Abraham Assistant Professor, Dept. of Botany Sir Syed College, Karimbam P O, Talimaramba, Kannur	Improvement of <i>Stevia rebaudiana</i> by in vitro mutagenesis and allele mining	3 Years
17	Dr. D.A Evans Associate Professor, Dept. of Zoology University College, TVM.	Biomolecular mechanism in relation to pest resistance of <i>Musa</i> cultivars against <i>Odoiporus longicollis</i> Oliv.	3 Years
18	Dr. Sathish Mundayoor Scientist G Mycobacteria Research Group RGCB, Thycaud P.O, TVM	Identification of mycobacterial genes involved in downregulation of macrophage receptors, viz complement, Fcy and Mannose receptors	3 Years
19	Dr. Suja K.P Junior Scientist Corporate R&D Centre, HLL Lifecare Limited, Akkulam, Sreekariam P.O	Development of antifungal formulation from medicinal plants	3 Years
20	Dr. Nevin K.G Assistant Professor School of Biosciences, M G University Priyadarsini Hills P.O, Kottayam	Molecular studies on the hepatoprotective activity of <i>Aerva lanata</i>	3 Years
21	Dr. Sailas Benjamin Enzyme Technology Laboratory, Dept. of Botany, University of Calicut	Biodiesel from rubber seed oil by lipase-mediated trans-esterification	3 Years
22	Dr Reshma M.V Scientist, Agro Processing and Natural Products Division, CSIR- NIIST, TVM	Can enrichment of palm neera syrup cause immunomodulation	3 Years
23	Dr.T.S.Preetha Assistant Professor University College, TVM	Conservation, sustainable utilization and molecular profiling of three unexplored medicinal plants viz. <i>Baliospermum montanum</i> , <i>Cissampelos pareira</i> , <i>Clinacanthus nutans</i> in Southern Western Ghats	2 Years
24	Dr. Aneesh E M Assistant Professor Department of Zoology, St. Josephs College, Thrissur	Study of herbal insecticides as means to overcome the development of resistance in <i>Aedes aegypti</i> , a dengue fever vector to conventional insecticide	3 Years
25	Dr. V.K Sreenivas Assistant Professor Dept. of Botany, Sri Vyasa N.S.S College, Vyasagiri, Thrissur	Studies on the pteridophytic flora of Peechi- Vazhani wildlife sanctuary in Kerala	3 Years

26	Dr.Dileep Kumar B.S Principal Scientist Agroprocessing and Natural Products Division, NIIST- CSIR, TVM	Endophytic bacterial flora of the rice plants from the acidic soils of Kuttanad and their exploitation in improved paddy cultivation	3 Years
27	Dr. Geetha Kumar Associate Professor Amrita School of Biotechnology Amrita Viswa Vidyapeetham,Kollam	Anarcardic acid and its derivatives as a novel template for cancer therapy	3 Years
28	Dr. Reshmi G Research Scientist 1 Viral Disease Biology Program (ICMR) RGCB, TVM	Developing mathematical models to forecast outbreak of infectious diseases in Kerala: creating a freely accessible web resource	3 Years
29	Dr. Manoj Kumar S.P Rehabilitation Psychologist ICCONS, Shoranur, Palakkad	Would an intervention with the sensory processing tools of Dunn benefit children with Learning Disability	1 Year
30	Dr. Achuthan C. Raghavamenon Assistant Professor Dept. of Biochemistry, Amala Cancer Research Centre, Thrissur	Effect of <i>Baliospermum montanum</i> on inflammation and oxidative injury: an in- vitro study	2 Years
31	Dr. Anugya Bhatt Scientist C, Thrombosis Research Unit, BMT Wing SCTIMST, TVM	Do platelets in patients with type II diabetes release protein which can active aortic endothelial cells?	3 Years
32	Dr. Sarita G. Bhat Associate Professor & Head, Dept. of Biotechnology, CUSAT,Kochi – 682	Salmonella lytic bacteriophage for application as biocontrol agents	3 Years
33	Dr. Harikrishnan. K Scientist C, Dept. of Molecular Microbiology, RGCB, Poojappura, TVM	Metagenomic analysis of gut microbiome from type 2 diabetic subjects in Kerala-a preliminary study	3 Years
34	Dr. Vijayan T.K Lecturer, Dept. of Anatomy, Govt. Homoepathic Medical College, TVM	Randomized controlled trial to compare the efficacy of Homoeopathic constitutional reportorial treatment over homoepathic mother tincture treatment in moderate severe bronchial asthma	3 Years
35	Dr. P.N.Jayasingh Assistant Professor Mannam Ayurveda Co-operative Medical College, Mannam Pathanamthitta	Efficacy of neuromuscular therapy in patients with chronic low back pain: a randomized, controlled clinical trial	2 Years
36	Dr. Jackson James Scientist-E1 Neuro-Biology Division, RGCB Thycaud P.O, Poojappura, TVM	Transcriptional regulation of Tlx3 by Pax6 and its role on excitatory neural fate specification in vitro and in vivo	2 Years
37	Dr. Girish B. N Assistant Professor Department of Physiology, Amrita Institute of Medical sciences and Research Centre, Kochi	The role of folate supplementation on progression of chronic pancreatitis in experimental animals	1 Years

38	Dr. P. Kusumakumary Professor and Head Division of Pediatric Oncology RCC, TVM	Multiplex profiling of chromosomal translocations, mutations and MDR in pediatric Leukemia cells and development of biomarkers for targeted personalised medicine	3 Years
39	Dr. Mohammed Shahin Thayyil Associate Professor Dept. of Physics, University of Calicut	Critical study of relaxation processes in organic glass formers using broadband dielectric spectroscopy	3 Years
40	Dr. Manju Kurian Assistant Professor Dept. of Chemistry, Mar Athanasius College, Kothamangalam	Wet oxidation processes over nanoceria based catalysts as green route for water pollution remediation	3 Years
41	Dr. J. D. Sudha Sr. Technical Officer CSTD, NIIST, CSIR, TVM	Silver- starch hydrogel hybrid nanocomposite for antimicrobial wound healing applications	3 Years
42	Dr. L. Ravi Shankar Scientist Agro Processing and National Products Division, NIIST-CSIR, TVM	Synthetic utility of Dienaminodioxide for synthesis of 1,2-Dihydropyridines and its resulting derivatives for evaluation of their antimicrobial, antituberculosis and antimalarial potential	3 Years
43	Dr. K. E. Abraham Dept. of Physics St. Berchmann's College, Changanassery	A study on the structural and electro optical properties of iron oxide and copper oxide nanostructures	2 Years
44	Dr. Resmi M. R Assistant Professor Department of Chemistry, Sree Neelakanta Govt. Sanskrit College Mele Pattambi, Palakkad	Graphene-titanium dioxide nanocomposites: Preparation and application as photocatalysts for hydrogen via water splitting	3 Years
45	Dr. P. Raveendran Associate Professor Dept. of Chemistry, University of Calicut	Utilization of liquid and supercritical CO ₂ as media for making novel drug excipient system based on CO ₂ -philic excipient systems for pharmaceutical applications	3 Years
46	Dr. Preema C. Thomas Assistant Professor Department of Physics, CMS College Kottayam	Synthesis and characterization of zinc oxide nanoparticle and its application to inhibit microbial action	3 Years
2014-2015			
1	Dr. C Thamban Principal Scientist (Agr. Extension) CPCRI, Kasaragod	Organic farming in Kasaragod District – An analysis of field level scenario and Stakeholders 'perspectives	2 Years
2	Dr. A.N Jyothi Senior Scientist Division of Crop production, CTCRI Sreekaryam-TVM	Development of evaluation of starch based functional polymers for controlled plant nutrient delivery	3 Years
3	Dr. Sujith S Assistant Professor Dept. of Pharmacology & Toxicology College of Veterinary & Animal Sciences, Pookode	Identification of mechanisms of anthelmintic resistance in gastrointestinal nematodes of ruminants of northern Kerala and effect of phytochemicals in resistant nematodes	2 Years

4	Dr. Viji M.O Assistant Professor. Department of Biotechnology, St. Joseph's College, Thrissur	Identification and isolation of novel secondary metabolites form in vitro roots of <i>Withania coagulance</i> and <i>Withania somnifera</i>	3 Years
5	Dr. K. Murugan Associate Professor Dept. of Botany, University College TVM	Taxonomic survey of dye yielding plants from the Kannur and Kasaragod districts of Kerala and establishment of cell suspension culture for the production of Anthocyanin	3 Years
6	Dr. K. Sudha Assistant Prof. & Head Dept. of Biotechnology St. Peter's College, Kolenchery Ernakulam	Prevalence and distribution of shiga-like toxin genes (stx genes) and the clonal relatedness among strains of e-coli isolated from beef, organic vegetables and bovine environments of Kerala, South India	3 Years
7	Dr. Koshy John Associate Professor Dept of Veterinary Microbiology College of Veterinary and Animal Sciences, Pookode, Wayanad	Comparison of PCR with conventional methods for the diagnosis of leptospirosis in animal hosts and humans in wayanad	3 Years
8	Dr. M. Harikrishnan Associate Professor School of Industrial fisheries, Lake Side Campus, CUSAT	Temporal and spatial distribution of larval forms of macrobrachium spp in Vembanad lake with special reference to changes in lacustrine ecology	3 Years
9	Dr. Radhakrishnan E.K Assistant Professor School of Biosciences, M G University Kottayam	Studies on molecular and chemical basis of plant growth promoting and antiphytopathogenic properties of rhizosphere microorganisms	3 Years
10	Dr. E. V. Soniya Scientist EII RGC, Poojappura, TVM	Characterization of key structural genes involved in flavonoid synthesis in Indian Gooseberry (<i>Emblica officinalis</i> Gaertn)	3 Years
11	Dr. Dennis Thomas Assistant Professor St. Thomas College, Pala	Hairy root culture of <i>Gymnema sylvestre</i> and <i>Tylophora indica</i> for enhanced production of pharmaceutical compounds	3 Years
12	Dr. Bipin Thomas Varghese Additional Professor Division of Surgical oncology RCC, TVM	Development of an indigenous voice prosthesis for rehabilitation of laryngectomies	3 Years
13	Dr. P.K. Prasad Associate Professor Department of Zoology and Research Centre, Mary Matha Arts & Science College, Mananthavady	Digenetic Trematodes infecting frogs of Western Ghats, Wayanad region and their role as indicators of animal diversity	2 Years
14	Dr. M. Sabu Professor, Department of Botany, University of Calicut	Pollination Ecology of Selected Taxa of South Indian Zingiberaceae	3 Years
15	Dr. J. G. Ray Professor & Director School of Biosciences M G University, Kottayam	Collection, identification and screening of green algae from bloomed water bodies of Kerala for quality and quantity of lipids.	3 Years

16	Dr. Sajeevan T.P Assistant Professor National Centre for Aquatic Animal Health, CUSAT, Kochi	Bioactive peptides and Depsipeptides with potential anticancer activity from marine sponges and tunicates of Indian Ocean	3 Years
17	Dr. A. Santhiagu Associate Professor School of Biotechnology, NITC Kozhikode	Development of a recombinant <i>Sphingomonas paucimobilis</i> for gellan gum production: characterization and application of recombinant gellan gum in nanoparticle based drug delivery systems	3 Years
18	Dr. K. Madhavan Nampoothiri Principal Scientist Biotechnology Division, CSIR-NIIST TVM	Molecular approach to enhance folate production in probiotic lactic acid bacteria	3 Years
19	Dr.S.Kannan Professor Division of cancer research, RCC, TVM	Biology of NFkB and STAT3 transcription factors in oral carcinogenesis	3 Years
20	Dr. Thara Somanathan Additional Professor Division of Pathology, RCC, TVM	Galectin-3mediated stem cell regulation in Triple Negative Breast cancers.	3 Years
21	Dr. Vari Sivaji Reddy Assistant Professor Dept. of Physics, NITC, Kozhikode	Development of Organic Solar Cells based on Transition Metal Oxide Anode Buffer Layers	3 Years
22	Dr.M. K.Jayaraj Professor Department of Physics, CUSAT, Kochi	Growth of carbon nano tubes for transparent electronics applications	3 Years
23	Dr. Chandrasekharan K Associate Professor Dept. of Physics, NITC, Kozhikode	Enhancement of third – order optical nonlinearity in photonic crystal cavity for optical switching	3 Years
24	Dr. S. M. A. Shibli Department of Chemistry University of Kerala, Kariavattom, TVM	Design and Development of Catalytic Electrodes for Electrochemical and Biochemical Generation of Hydrogen and Electricity	3 Years
25	Dr. Sheenu Thomas International School of Photonics CUSAT, Kochi	Chalcogenide nano materials for Photonic device applications	3 Years
26	Dr.D. Sajan Assistant Professor Dept. of physics, Bishop Moore College Mavelikara	Growth, optical studies and vibrational spectral investigations of certain novel semi organic NLO crystals for laser applications	3 Years
27	Dr. Nandakumar Kalarikkal Associate Professor School of Pure and Applied Physics M G University, Kottayam	Development of one dimensional multiferroic nanocomposites for device applications	1 Years
28	Dr. T.O. Varghese Assistant Professor & head Centre for Biopolymer Science and Technology Udyogamandal, Kochi	Synthesis of biopolyurthenae from vegetable oil and their biofiber/nanoclay reinforced green composites for foam application	2 Years
29	Dr. N. Sandhyarani Associate Professor School of Nano Science and Technology, NITC, Kozhikode	Synthesis of novel electrocatalytic nanoparticles and nano composites for fuel cell application	3 Years

30	Dr. C. Rajesh Assistant Professor Dept. of Chemistry, MES Keveeyam College Valanchery, Malappuram	Chemically and thermally modified chicken feathers as reinforcements for rubber based biocomposites	3 Years
31	Dr. K. S. Sreelatha Asst. Professor, Dept. of Physics, Govt. College Nattakam, Kottayam	Natural dyes – a promising sensitizer for Dye Sensitized Solar Cells	3 Years
2015-2016			
1	Dr. Joy M Assistant Professor Dept. of Plant Pathology, College of Agriculture, KAU	Synergism in defense and growth: Exploration of a root endophytic fungus <i>Piriformospora indica</i> for the management of fusarium wilt in banana with enhanced crop production	3 Years
2	Dr. M.S Jisha Associate Professor, School of Biosciences, M G University Kottayam	Bioremediation of Chlorpyrifos by autochthonous bacterial consortia	3 Years
3	Dr. A. Yusuf Assistant Professor Dept. of Botany, University of Calicut	How does redox homeostasis and antioxidative system contribute to salt tolerance in rice varieties from different agro-ecological zones in Kerala?	3 Years
4	Dr. Kesavan Rajasekharan Nayar Chief Fellow Santhigiri Social Research Institute Pothencode, TVM	Environmental health and Livelihood in Kuttanad: Evolving a community enabled monitoring tool	1 Years
5	Dr. Ruby John Anto Division of Cancer Research RGCB, Thycaud, TVM	Mechanistic evaluation and in vivo validation of the anticancer principle isolated from <i>chromolaena odorata</i> against cervical cancer.	3 Years
6	Dr. M. S. Latha Professor School of Biosciences, M G University Kottayam	Investigating the mechanism behind the protective effect of the anticancer compounds isolated from <i>woodfordia fruticosa</i> kurzflowers against hepatocellular carcinoma	3 Years
7	Dr. Thomas V. P Assistant Professor Dept. of Botany, Catholicate College Makkankunnu, Pathanamthitta	Ethnobotanical studies on Zingiberaceae of Kerala	3 Years
8	Dr. Binoy T. Thomas Assistant Professor, Dept. of Botany Catholicate College, Makkankunnu Pathanamthitta	The systematic and ecology of epiphyllous algae on different trees of Pathanamthita District, Kerala	3 Years
9	Dr. Smitha V B Assistant Professor Dept. of Biotechnology, University of Calicut, Malappuram	Isolation, identification and characterisation of the anticancer principle from the medicinal plant, <i>Corallocarpus epigaeus</i>	3 Years
10	Dr. Sanilkumar M. G Assistant Professor, Dept. of Botany, SNM College Maliankara, Ernakulam	Investigations on fresh water algal blooms in central Kerala	3 Years

11	Dr. A. R. Sudha Devi Associate Professor Dept. of Zoology & Research Centre Mary Matha Arts & Science College Mananthavady, Wayanad	Role of ecdysteroids and methhyl farnesoate in the regulation of growth and reproduction in the freshwater crab <i>Travancoriana suchirnerae</i> .	3 Years
12	Dr. Rajanikant G. K Associate Professor School of Biotechnology, NITC, Kozhikode	Micro RNA-9 regulation of neurogeneration : a potential therapeutic strategy for ischemic stroke	3 Years
13	Dr. Manju C. Nair Assistant Professor PG Dept. & Research Centre of Botany The Zamorin's Guruvayurappan College Kozhikode	Systematic studies on the bryophytes of peechi-Vazhani wildlife sanctuary in Thrissur district, Kerala	3 Years
14	Dr. Santhosh Nampy Professor Dept. of Botany, University of Calicut Thenhipalam-Malappuram	Angiosperm diversity of Idukki District, Kerala	3 Years
15	Dr. C. N. Dinesh Assistant Professor, College of Veterinary & Animal Sciences, Pookode, Wayanad	Identification of the causative genes and mutations conferring resistance against tick infestation in cattle	3 Years
16	Dr. Chintu Ravishankar Assistant Professor College of Veterinary and Animal Sciences, Pookode,Wayanad	Detection and molecular characterization of emerging viral pathogens of pigs	3 Years
17	Dr. Lizymol P. P Scientist D Dental Products Laboratory, BMT Wing, SCTIMST, Poojappura, TVM	Development of bioactive bone cement based on novel inorganic-organic hybrid resins	3 Years
18	Dr. Lakshmi S Associate Professor, Division of Cancer Research, RCC TVM	Mutation analysis of EGFR, KRAS and braf genes in non-small cell lung Cancer in Indian population	3 Years
19	Dr. E. Sreekumar Scientist E1 Molecular Virology Laboratory, RGCB Thycaud, TVM	Identification of cellular pathways differentially modulated in human microvascular endothelial cells upon dengue virus infection	3 Years
20	Dr. G. Sathish Kumar Additional Professor Dept. of Urology Medical College, Kottayam	Effect of dietary modifications on the morphology of calcium oxalate crystals and correspoding changes in the optical density of urine of patients with calcium oxalate stones in the urinary tracts.	3 Years
21	Dr. Pradeep Kumar G Scientist G RGCB, Thycaud, TVM	nter-relation between polymorphisms in four obesity genes, their expression and its correlation with infertility and obesity in subjects from Kerala	3 Years
22	Dr. Abdul Jaleel Scientist E-II Dept. of Cardiovascular Disease Biology, RGCB, Thycaud, TVM	Identification of metabolic alterations in sub-clinical vitamin B12 deficiency by mass spectrometry based metabolomics	3 Years

23	Dr. R. Jayakrishnan Assistant Professor, Dept. of Physics, Christian College Angadical, Chengannur	Bulk – nano Junctions for photovoltaic device applications	3 Years
24	Dr. Raji V Assistant Professor International and Inter University Centre for Nanoscience and Nanotechnology MG University, Kottayam	AuNP/Irh core shell nanoparticles a novel multifunctional candidate for combinatorial cancer therapy	2 Years
25	Dr. K. Girish Kumar Professor, Dept. of Applied Chemistry CUSAT Kochi	Development of fluorescent sensors for pharmaceutical and clinical analysis	3 Years
26	Dr. Sreekala M. S Assistant Professor Post Graduate Department of Chemistry Sree Sankara College, Kalady	A comparative study on the properties of reinforcing phenol formaldehyde nanocomposites with carbon nano tube (CNT) and cellulose nano fibre (CNF)	3 Years
27	Dr. Reshmi. R Assistant Professor Dept. of Physics, U C College, Aluva	Synthesus and characterization of molybdenum oxide nanowires for integrated nanoscale devices	3 Years
28	Dr. A. Sobha Assistant Professor Dept. of Physics, Providence Women's College, Kozhikode	Development of advanced multifunctional capacitors for electronic packaging	3 Years
29	Dr. M. K. Ravi Varma Associate Professor Dept. of Physics, NITC, Kozhikode	A Multi-wavelength integrating nephelometer for characterizing tropospheric aerosol	3 Years
30	Dr. Baiju K. V Scientist C Centre for Materials for Electronics Technology(C-MET), Athani, Thrissur	Development of titania photoanode on metal substrates for low cost solar cell applications	3 Years
31	Dr. Tania Francis Assistant Professor, St. Joseph's College, Devagiri, Kozhikode	Preparation and characrisation of HDPE/Nanochitosan/nanohydroxyapatite biocomposites	3 Years
32	Dr. Libu K. Alexander Assistant Professor Dept. of Physics, University of Calicut Malappuram	Study and development of graphene based composites and magnetically recoverable composites for water purification by photocatalysis	3 Years
2017-2018			
1	Dr. Susha S Thara Asst. Professor, Farming Systems Research Station, Kottarakkara	Development of biocontrol technology for the management of postharvest crown rot of banana	3 Years
2	Dr. E. A. Siril Assistant Professor Dept. of Botany, University of Kerala Kariavattom, TVM	Collection, characterization and propagation of <i>Garcinia gummi-gutta</i> (L) Robs.	3 Years
3	Dr. Jos T. Puthur Reader, Plant Physiology & Biochemistry Division, Dept. of Botany, University of Calicut	Ecophysiological studies of Mangroves in Kadalundi-Vallikunnu community reserve with special reference to <i>Acanthus ilicifolius</i> L	3 Years

4	Dr. Radhika G Assistant Professor College of Veterinary & Animals Sciences, Mannuthy, Thrissur	Genetic diversity analysis among cattle and dog genetics groups of Kerala using microsatellite markers	3 Years
5	Dr. Sreedevi N. K Assistant Professor Dept. of Zoology, NSS College Ottapalam, Palakkad	Development of microbial consortia as bioremediations from the mangroves of Northern Kerala	3 Years
6	Dr. Jacob Thomas Assistant Professor Dept. of Botany, Mar Thoma College Thiruvalla, Pathanamthitta	Identification, documentation and molecular characterisation of leaf and bark inhabiting fungi in Thattekad bird sanctuary in Ernakulam District, Kerala	3 Years
7	Dr. Stephen Sequeira Assistant Professor Government College Chittur, Palakkad	Taxonomic assessment and conservation of lichen of Kerala, India	3 Years
8	Dr. Sudha K Associate Professor PG Dept. of Zoology & Research Centre, Sree Narayana College, Kannur	Studies on occurrence, sexuality, growth and reproduction of cymothoids parasitizing commercially important marine fishes of Malabar Coast	3 Years
9	Dr. V. C. Manoj Associate Professor Dept. of Neonatology, Jubilee Mission Medical College & Research Institute Thrissur	Randomized controlled trial of the effect of milking of umbilical cord versus standard care on neonatal morbidity pattern and neuro-developmental outcome up to one year of corrected age in very preterm infants.	3 Years
10	Dr. T. T. Sreelekha Assistant Professor Division of Cancer Research, RCC TVM	Preparation and biological evaluation of galactoxyloglucal based scaffolds for stem cell differentiation and tumor reduction	3 Years
11	Dr. Anitha Ayyappan Pillai Associate Professor & HOD Dept. of Genetics, Institute for Communicate & Cognitive Neurosciences, Kavalappara, Palakkad	Targeted exon sequencing to identify NOVEL, Rare and/or common functional genetic variants in Autism: A comprehensive Twin-family study of autism in Kerala	3 Years
12	Dr. Shaiju V. S Assistant Professor Radiation Physics Division, RCC, TVM	Design and fabrication of head phantom for dosimetric evaluation of radiotherapy treatment plans	3 Years
13	Dr. Philip Mathew Assistant Professor Dept. of Community Medicine Pushpagiri Institute of Medical Sciences & Research Centre Thiruvalla	Study to find out the prevalence of anemia among adolescent girls of urban, semi-urban and rural schools of a district in south Kerala and to explore its association with emotional health	3 Years
14	Dr. Hariharan S Associate Professor Laboratory of Cytogenetics & Molecular Diagnostics, Division of Cancer Research, RCC, TVM	Clinical relevance of molecular and gene expression signatures in aml patients with normal cytogenetics for a prognostically prioritized molecular classification	3 Years

15	Dr. C. T. Aravindakumar Professor & Director, School of Environmental Sciences, Mahatma Gandhi University, Kottayam	Identification and quantification of pharmaceuticals and personal care products (PPCPs) in water and sediments in Vembanad Lake	3 Years
16	Dr. Subodh G Assistant Professor, Dept. of Physics, University of Kerala, Kariavattom, TVM	Functional Magneto-dielectric materials for microwave applications	3 Years
17	Dr. M. T. Ramesan Assistant Professor Dept. of Chemistry, University of Calicut, Malappuram	Flexible and electrically conductive polymers based on chemically modified natural rubber reinforced with heterocyclic monomers and nano fillers	3 Years
18	Dr. K. Sreekumar Professor, Dept. of Applied Chemistry CUSAT, Kochi	Catalysis by polymer supported dendrimers, their metal complexes and nanoparticles conjugates	3 Years
19	Dr. Jinu George Assistant Professor PG & Research Dept. of Chemistry Sacred Heart College, Thevara, Kochi	Novel formulations to enhance the efficacy of existing drugs and expand their therapeutic spectrum	3 Years
20	Dr. Rachel Reena Philip Assistant Professor Dept. of Physics, Union Christian College, UC College P.O, Aluva	Cu-based and Ag-based delafossites for transparent electronics, photovoltaic and capacitance electrode applications	3 Years
21	Dr. P. G. Sankaran Professor, Dept. of Statistics, CUSAT Kochi	Modelling and analysis of lifetime data using quantile function	3 Years
22	Dr. Sreekala M. Nair Professor & Head, Dept. of Philosophy Sree Sankaracharya University of Sanskrit, Kalady	On Indian scientific rationality: Exploring the elements of scientific method in classical Indian epistemology	3 Years