

Tab: Completed projects funded by external agencies

Project Title: Establishment of herbal garden for mass education and wide spread cultivation by raising herbal nursery

Funding Agency: National Medicinal Plants Board, Govt. of India

Period: 2014-19

Funding Amount: Rs. 2.5 lakhs

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Orientation programme on advances and avenues in science for school students

Funding Agency: The Kerala State Council for Science, Technology and Environment (KSCSTE)

Period: 2017-2019

Funding Amount: Rs. 2 lakhs

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Environmental education workshop on biodiversity for school students

Funding Agency: The Kerala State Council for Science, Technology and Environment (KSCSTE)

Period: 2016-17

Funding Amount: Rs. 2 lakhs

Principal Investigator: Dr. S. Seeni

Project Title: Antiarthritic, antioxidant and anti-inflammatory properties of marine algae of Southern India

Funding Agency: Department of Science & Technology, Govt. of India

Period: 2012-15

Funding Amount: Rs. 27 lakhs

Principal Investigator: Dr. Maya Subramoni

Project Title: Medicinal macrofungi: Their nutritional value and medicinal properties

Funding Agency: Department of Science & Technology, Govt. of India

Period: 2012-15

Funding Amount: Rs. 25 lakhs

Principal Investigator: Dr. C. Balagopalan

Project Title: Fish collagen from underutilized marine resources of Kerala

Funding Agency: The Kerala State Council for Science, Technology and Environment (KSCSTE)

Period: 2009-12

Funding Amount: Rs. 10.42 lakhs

Principal Investigator: Dr Maya Raman

Co-PI: Dr. Jose Joseph

Project Title: Development of optical fiber biosensors based on ATP-bioluminescence assay for rapid hygiene monitoring in hospitals for effective deterrence of nosocomial infections

Funding Agency: Department of Science & Technology, Govt. of India

Period: 2008-11

Funding Amount: Rs. 21.3 lakhs

Principal Investigator: Mr. Hareesh R.

Project Title: Integrated technology for the development of reinforced bioplastics with celluloses of plant origin

Funding Agency: Department of Biotechnology, Govt. of India

Period: 2008-11

Funding Amount: Rs. 30 lakhs

Principal Investigator: Dr. C. Balagopalan

Project Title: Algal resources of South-West coast of India – Systematic study and evaluation as food and nutritional supplements

Funding Agency: Department of Science & Technology, Govt. of India

Period: 2007-10

Funding Amount: Rs. 14.88 lakhs

Principal Investigator: Dr. Maya Subramoni

Project Title: Equipping food processing pilot plant and incubation centre

Funding Agency: Ministry of Food Processing Industry, Govt. of India

Period: 2007-10

Funding Amount: Rs. 28 lakhs

Principal Investigator: Principal, MACFAST

Project Title: Protocol development of micropropagation of Nutmeg (*Myristica fragrance*)

Funding Agency: The Kerala State Council for Science, Technology and Environment (KSCSTE)

Period: 2005-08

Funding Amount: Rs. 6.38 lakhs

Principal Investigator: Dr. V. Raghurajan

Student projects funded by external agencies

Project Title: Production of callus from *Indigofera tinctoria* Lin., as an alternate source for the production of natural hair dyes

Funding Agency: The Kerala State Council for Science, Technology and Environment (KSCSTE)

Period: 2017-18

Funding Amount: Rs. 11,000

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Induction of multiple shoots from the cotyledonary node of *Aegle marmelose* (L.) Corr

Funding Agency: The Kerala State Council for Science, Technology and Environment (KSCSTE)

Period: 2015-16

Funding Amount: Rs. 11,000

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Initiation of somatic embryos from the leaves of *Coleus vettiveroides* Jacob

Funding Agency: KSCSTE

Period: 2015-16

Funding Amount: Rs. 11,000

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Development of Food toxin portal

Funding Agency: KSCSTE

Period: 2015-16

Principal Investigator: Ms. Betsy M. Baby

Project Title: *In vitro* culture of *Gloriosa superba* L., an endangered medicinal plant

Funding Agency: KSCSTE

Period: 2014-15

Funding Amount: Rs. 13,000

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Callus initiation from the immature flower buds of *Ensete superbum* Roxb

Funding Agency: KSCSTE

Period: 2012-13

Funding Amount: Rs. 13,000

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Developing a protocol for *in vitro* propagation of screw pines

Funding Agency: KSCSTE

Period: 2012-13

Funding Amount: Rs. 13,000

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Development of an *in vitro* protocol for rapid multiplication of *Rhizophora mucronata*, a vulnerable plant

Funding Agency: KSCSTE

Period: 2010-11

Funding Amount: Rs. 13,000

Principal Investigator: Mr. Biju Dharmapalan

Project Title: Studies on the prevalence of pathogenic bacteria in the Vembanad Lake

Funding Agency: Asoka Trust for Research in Ecology and Environment (ATREE)

Funding Amount: Rs. 15,000

Principal Investigator: Mr. Jayachandran V.P.