

Patents Granted

Following are the patents granted to this University:

1. Multiplex PCR Assay for authentication of processed *Portunus pelagicus* and *Portunus sanguinolentus* (No.384288, dated 14.12.2021- Inventors: Dr. G. Jeyasekaran, Mr. Dineshkumar and Dr. R. JeyaShakila)
2. Designing of genus specific primer for *Lutjanus* from 16S rRNA mitochondrial region for authentication of snapper products by single step PCR (No. 373138, dated 29.07.2021 - Inventors: Dr. G. Jeyasekaran, Dr. B. Sivaraman and Dr. R. JeyaShakila)
3. Designing and fabrication of Inland raceways for intensive rearing of ornamental fishes (No. 362943, dated 24.03.2021 - Inventor: Dr. S. Felix)
4. Method of preparing Anti-oxidative Edible Film from Carp Gelatin and Fucoidan (No. 342498, dated 27.07.2020 - Inventors: Dr. R. JeyaShakila, Mr. G. Raghu and Dr. G. Jeyasekaran)
5. Development of Primers for detection of Hepatopancreatic parvovirus (HPV) in shrimp by polymerase chain reaction (No.300445, dated 29.08.2018 - Inventor: Dr.A.Uma)
6. Development of PCR Primers for white spot syndrome virus (WSSV) in shrimp (No.275411, dated 02.09.2016 - Inventor: Dr.A.Uma)

Patents Published

1. Multiplex polymerase chain reaction (MPCR) kit for the simultaneous detection of *Salmonella*, *Vibrio cholerae* and *Escherichia coli* from seafood products (No. 201641003818, dated 25.03.2016)

Patents Filed:

1. Designing and fabrication Technology of floating Lobster rearing marine FRP cage for Lobster fattening (Fibre reinforced plastic) (No.1094/CHE/2013, dated 14.03.2013)
2. Designing and lubrication of multi shaped (adjustable) floating FRP cage for Inland Aquaculture (No.1097/CHE/2013, dated 14.03.2013)

3. Configuration of intensive advanced culture system for Aerobic microbial floc driven super intensive nursery raceways Technology for *Litopenaeus vannamei* (No.201641014450, dated 26.04.2016)
4. Use of MF-CEED as carbon source in Aerobic Microbial Floc (AMF) driven Nursery Raceway Technology for *Litopenaeus vannamei* (No.201641014451, dated 26.04.2016).

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