

Chancellor's Award Information-2018-19

Name of University: **KERALA UNIVERSITY OF FISHERIES AND OCEAN STUDIES**

Details of the person whom to contact: **DR. T.V. SANKAR**

1. Question No 1:

Grade Awarded by NAAC/ICAR/VCI/MCI-

Certificate of Accreditation of ICAR and AICTE uploaded URL

http://kufos.ac.in/wp-content/uploads/2018/09/ICAR_accreditation.pdf

http://kufos.ac.in/wp-content/uploads/2019/05/Letter_of_Approval-2019-20.pdf

Question No.2

Ranking by National Institute Ranking Framework (NIRF) : **NIRF ranking not received**

2. Question No.4

Number of books published by faculty through reputed publishers (ISBN) [Number of Books/Total No. of Faculty] **Authored (4/30)**

Sl No	Name of Department	Title	Author	ISBN
1	Aquatic Environment Management	General and Analytical Chemistry	Dr Anu Gopinath	978-81-934025-2-8.
2	Aquatic Environment Management	Environmental studies	Dr Anu Gopinath	978-93-87015-85-2.
3	Aquatic Environment Management	Environment Ecology and Human Rights	Dr Anu Gopinath	978-93-89292-02-2.
4.	Aquatic Environment Management	Effect of climate change on behavioral adaptation of fishes	Dr SM Raffi	978-81-935344-1-0.

3. Question No. 5

Number of books published by faculty through reputed publishers (ISBN) [Number of Books/Total No. of Faculty] **Edited (3/30)**

Sl No	Name of Department	Title	Author	ISBN
1	Aquatic Environment Management	General and Analytical Chemistry	Dr Anu Gopinath	978-81-934025-2-8.

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2	Aquatic Environment Management	Environmental studies	Dr Anu Gopinath	978-93-87015-85-2.
3	Aquatic Environment Management	Environment Ecology and Human Rights	Dr Anu Gopinath	978-93-89292-02-2.

4. Question No.6

Number of research papers published in peer reviewed Journals **with impact factor**

<http://kufos.ac.in/wp-content/uploads/2019/11/Journals-with-Impact-factor-min-min.pdf>

1. Abish B. and Arun K. (2019), Resolving the weakening of orographic rainfall over India using a regional climate model RegCM 4.5, Atmospheric Research, 102, 581-592.
2. Anand Jain Kottekkatu P. Krishnan Archana Singh Femi Anna Thomas Nazira Begum Manish Tiwari Bhaskar Parli Venkateswaran Anu Gopinath (2019) Biochemical composition of particles shape particle-attached bacterial community structure in a high Arctic fjord" Ecological indicators 2019 Volume 102 July 2019 Pages 581-592 Impact factor: 4.490.
3. . Jennees Mathew Aswathy Shaji Anu Gopinath K P Krishnan Sanil Vadakkan L & Anoop P P (2019) A characteristic study of humic acids isolated from Arctic fjord sediments Advances in Polar Science Vol. 30 No. 1: 16-26 Impact factor: 0.38.
4. Anu Joy Anoop P P Rajesh R Jose Mathew Angel Mathew Anu Gopinath (2019) Spatial Variation of Trace Element Concentration and Contamination Assessment in the Coral Reef Sediments of Lakshadweep Archipelago Indian Ocean" Marine Pollution Bulletin 146, 106-116, Impact factor 3.782.
5. Anu Joy, P. Anoop, R. Rajesh, Jose Mathew, Angel Mathew & Anu Gopinath. 2019. Biochemical composition of sedimentary organic matter in the coral reefs of Lakshadweep Archipelago, Indian Ocean (2019) Chemistry and Ecology. <https://doi.org/10.1080/02757540.2019.1665031> Impact Factor: 1.214.
6. Anu Joy P.P, Anoop R., Rajesh Angel Mathew and Anu Gopinath 2019 Spatial Variation of Phosphorus Fractionation in the Coral Reef Sediments of Lakshadweep Archipelago Indian Ocean Chemistry and Ecology Impact Factor: 1.214.
7. Jose Mathew and Anu Gopinath (2019) Spatial and Temporal Variations of Arsenic Allocation in a Tropical Estuary along the West Coast of India Marine Pollution Bulletin 149, 110567. Impact factor 3.782.
8. Princy K.F and Anu Gopinath (2019) Spectroscopic Investigation on the Catalytic Efficacy of Biofabricated Gold Nanoparticles using Marine Macroalgae. Materialstoday Proceedings Vol.9 Part 1 2019 Page 38-45 Impact Factor : 1.09.
9. Princy Kaithavelikkakath Francis Sreeja Sivadasan Anna Avarachan & Anu Gopinath(2019) A novel green synthesis of gold nanoparticles using Seaweed Lobophora variegata and its potential application in the reduction of nitrophenols Particulate Science and Technology <https://doi.org/10.1080/02726351.2018.1547340> Impact Factor: 1.424.

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10. Isolation Characterization and High-Performance Thin-Layer Chromatographic Quantification of Active Xanthonoid Mangiferin from *Canscora perfoliata* Mundengara (2019) *Journal of Planar Chromatography*, Deepak , Cheruthazhakkat Sulaiman, Indira Balachandran, and Kitharathu P. Subhash Chandran, 31-3 , 231-235
11. Effect of Different Feeding Levels of Plant-ingredient-based Feed on Fillet Fatty Acid Profile, Carcass Trait, and Sensory Characteristics of Indian Major Carps in Earthen Pond Polyculture(2018) *Journal of the world Aquaculture Society* Chiranjiv Pradhan , Rajendran Narasimmalu1, and Satyandra N. Mohanty.
12. Effect of extended period of boiling on allergic protein of flower tail shrimp *Metapenaeus dobsonii*(2019) S. J. Laly, T. V. Sankar. and Satyen Kumar Panda *Indian J. Fish.*, 66(3): 110-115.
13. Identification of allergic proteins of Flower tail shrimp (*Metapenaeus dobsonii*) (2019) S. J. Laly, T.V.Sankar, Satyen Kumar Panda *J Food Sci Technol* <https://doi.org/10.1007/s13197-019-04012-0>.
14. Polyphenol composition and antioxidant potential of mint leaves (2019) Nicole Brown, Jenny A. John1, and Fereidoon Shahidi Brown et al. *Food Production, Processing and Nutrition* ,<https://doi.org/10.1186/s43014-019-0001-8>.
15. Phenolic content, antioxidant and anti-inflammatory activities of seeds and leaves of date palm (*Phoenix dactylifera* L.) Jenny A. John† and Fereidoon Shahidi *J. Food Bioact.* 2019;5:120–130.
16. Carbon nanodots synthesized from chitosan and its application as a corrosion inhibitor in boat-building carbon steel BIS2062 (2019)A. K. Keerthana1, · P. Muhamed Ashraf *Applied Nanoscience* <https://doi.org/10.1007/s13204-019-01177-0>.
17. Biofouling Control Using Nano Silicon Dioxide Reinforced MixedCharged Zwitterionic Hydrogel in Aquaculture Cage Nets Ahana Mohan and P. Muhamed Ashraf , *Langmuir* 2019, 35, 4328–4335.
18. Kiranya, B., Pramila, S. & Sileesh Mullasserri (2018). The diversity of finfish population in Poonthura estuary, south-west coast of India, *Kerala Environ Monit Assess* 190: 743. <https://doi.org/10.1007/s10661-018-7094-4> Impact Factor: 1.90.
19. Rubeena AS, Preetham E. Antimicrobial properties and phenoloxidase activation of the lectin isolated from kadal shrimp (*Metapenaeusdobsonii*).*Fish Shellfish Immunol.* 2019 Jul;90:118-125. (Impact factor: 3.185)
20. ElumalaiPreetham, Prakash, P, Musthafa, M. S, Faggio, C. (2019). Effect of alkoxy glycerol on growth performance, immune response and disease resistance in Nile Tilapia (*Oreochromisniloticus*). *Research in Veterinary Science.* 2019 Apr;123:298-304. (Impact factor: 1.762).
21. RathinaPrabha, AnbazahanSannasimuthu, VenkateshKumaresan, PreethamElumalai and JesuArockiaraj. Intensifying the Anticancer Potential of Cationic Peptide Derived from Serine Threonine Protein Kinase of Teleost by Tagging with Oligo Tryptophan.
22. Abdul Salam Rubeena, Mani Divya, BaskaralingamVaseeharan, SivashanmugamKarthikeyan, EinarRingø, ElumalaiPreetham. Antimicrobial and

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- biochemical characterization of a C-type lectin isolated from pearl spot (*Etroplus suratensis*). *Fish Shellfish Immunol.* 87 (2019) 202-211. (Impact factor: 3.185).
23. Preetham Elumalai, Abdul Salam Rubeena, Jesu Arockiaraj, Ratre Wongpanya, Matteo Cammarata, Einar Ringø & Baskaralingam Vaseeharan (2019) The Role of Lectins in Finfish: A Review, *Reviews in Fisheries Science & Aquaculture*, 27:2, 152-169, Review. (Impact factor: 4.750).
 24. Doan HV, Hoseinifar SH, Elumalai P, Tongsiri S, Chitmanat C, Jaturasitha S, Doolgindachbaporn S. Effects of orange peels derived pectin on innate immune response, disease resistance and growth performance of Nile tilapia (*Oreochromis niloticus*) cultured under indoor biofloc system. *Fish Shellfish Immunol.* 2018 Sep;80:56-62. (Impact factor: 3.185).
 25. Sreeja Lakshmi, Parvathi Prakas, Musthafa M Essa, Walid M Qoronfeh, Mohammed Akba, Byoung-Joon Song, Suresh S Kumar, Preetham Elumalai Marine derived bioactive compounds for treatment of Alzheimer's disease, *Frontiers In Bioscience, Elite*, 10, 537-548, June 1, 2018.
 26. Comparison of molecular characteristics of Type A humic acids derived from fish waste and sugarcane bagasse co-compost influenced by various alkaline extraction protocols L. (2019) *Microchemical Journal*, Aranganathana, S.R. Radhika Rajasreea, T.Y. Sumana, R.R. Remyaa, S. Gayathria, C. Jayaseelana, M.G. Karthiha, M. Gobalakrishnana, 149, 104038.
 27. Studies on Proximate Composition and Phytochemical Profiling of *Turbinaria ornata* and its Antiproliferative Effect on Y79 Cell Lines (2019) R. R. Remya & S. R. Radhika Rajasree¹ & T. Y. Suman & L. Aranganathan¹ & S. Gayathri¹ & M. Gobalakrishnan¹ & M. G. Karthi Thalassas: *An International Journal of Marine Sciences* <https://doi.org/10.1007/s41208-019-00159-x>
 28. A Bijukumar, S Raj, CP Arjun, U Katwate & R Raghavan (2019) Jurassic invaders: flood associated occurrence of *Arapaima* and Alligator gar in the rivers of Kerala. *Current Science* 116: 1628-1630. 0.756.
 29. AJ Raymond, TN Vinay, R Raghavan, D Thomas, S Avunje, R Aravind, MS Shekhar & KK Vijayan (2019). First record of the Javanese ricefish, *Oryzias javanicus* (Bleeker, 1854) (Belontiiformes: Adrianichthyidae) in the natural waters of India. *Journal of Applied Ichthyology* 35(4): 1034-1038. 0.877
 30. Lennox RJ, Paukert CP, Aarestrup K, Auger-Méthé M, Baumgartner L, Birnie-Gauvin K, Bøe K, Brink K, Brownscombe JW, Chen Y, Davidsen JG, Eliason EJ, Filous A, Gillanders BM, Helland IP, Horodysky AZ, Januchowski-Hartley SR, Lowerre-Barbieri SK, Lucas MC, Martins EG, Murchie KJ, Pompeu PS, Power M, Raghavan R, Rahel FJ, Secor D, Thiem JD, Thorstad EB, Ueda H, Whoriskey FG and Cooke SJ (2019) One Hundred Pressing Questions on the Future of Global Fish Migration Science, Conservation, and Policy. *Front. Ecol. Evol.* 7:286. doi: 10.3389/fevo.2019.00286
 31. R Britz, VK Anoop, N Dahanukar & R Raghavan (2019) The subterranean *Aenigmachanna gollum*, a new genus and species of snakehead (Teleostei: Channidae) from Kerala, South India. *Zootaxa* 4603(2): 377-388. 0.990

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32. A Pinder, RJ Britton, AJ Harrison, P Nautiyal, SD Bower, SJ Cooke, S Lockett, M Everard, U Katwate, K Ranjeet, S Walton, AJ Danylchuk, N Dahanukar & R Raghavan (2019) Mahseer (*Tor spp.*) fishes of the world: status, challenges and opportunities for conservation. *Reviews in Fish Biology and Fisheries* 29(2): 417–452. 3.506
33. CV Anju, N Dahanukar, A Sidharthan, K Ranjeet & R Raghavan (2019) Demographics of *Lagocephalus inermis* in the Arabian Sea unveils complex conservation challenges. *Journal of Fish Biology* 94(1): 187–190. 2.038
34. SD Bower, N Mahesh, R Raghavan, AJ Danylchuk & SJ Cooke (2019) Sub-lethal responses of mahseer (*Tor khudree*) to catch-and-release recreational angling. *Fisheries Research* 231: 231–237. 2.343
35. M Everard, A Pinder, R Raghavan & G Kataria (2019) Are well-intended Buddhist practices an underappreciated threat to global aquatic biodiversity? *Aquatic Conservation: Marine and Freshwater Ecosystems* 29(1): 136–141. 2.935
36. C Verma, P Kumkar, R Raghavan, U Katwate, M Paingankar & N Dahanukar (2019) Glass in the water: molecular phylogenetics and evolution of Indian glassy perchlets (Teleostei: Ambassidae). *Journal of Zoological Systematics and Evolutionary Research* 57(3): 623–631. 2.268
37. U Katwate, P Kumkar, R Raghavan & N Dahanukar (2018) A new syntopic species of small barb from the Western Ghats of India (Teleostei: Cyprinidae). *Zootaxa* 4434: 529–546. 0.990
38. AC Pinder, A Manimekalan, JDM Knight, P Krishnankutty, JR Britton, S Philip, N Dahanukar & R Raghavan (2018) Resolving the taxonomic enigma of the iconic game fish, the hump-backed mahseer from the Western Ghats Biodiversity Hotspot, India. *PLoS One* 13(6): e0199328. 2.776
39. S De Grave, CP Arjun & R Raghavan (2018) The discovery of Euryrhynchidae (Crustacea: Decapoda) in India, with the description of a new genus. *Zootaxa* 4462: 367–378. 0.990
40. VK Anoop, N Dahanukar, S Philip, L Thomas & R Raghavan (2018) Phylogeny of the hillstream loach genus *Mesonoemacheilus* reveals widespread diversification through ancient drainage connections in the Western Ghats Biodiversity Hotspot. *Molecular Phylogenetics and Evolution* 129: 77–84. 3.992
41. Ashwini Keskar, Rajeev Raghavan, Mandar S. Paingankar, Pradeep Kumkar, Unmesh Katwate, Shrikant Jadhav, Anand Padhye, Neelesh Dahanukar (2018). Molecular phylogeny unveils hidden diversity of hillstream loaches (Cypriniformes: Cobitoidea) in the northern Western Ghats of India, *Mgene*, doi:10.1016/j.mgene.2018.07.002
42. Rajeev Raghavan, M. R. Ramprasanth, Anvar Ali, Neelesh Dahanukar (2018) Population dynamics of an endemic cyprinid (*Hypselobarbus kurali*): Insights from an exploited reservoir fishery in the Western Ghats of India, *Lakes & Reserv.*1–6, DOI:10.1111/lre.12233.
43. Richu A., Dahanukar N., Ali A., Ranjeet K. and Raghavan R. (2018). Population dynamics of a poorly known serranid, the duskytail grouper *Epinephelus bleekeri* in the Arabian Sea. *Journal of Fish Biology*, 93: 741–744. (Impact factor: 2.038)

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44. Shahul Hameed P.V.P., Razia Beevi M., Raghavan R. and Ranjeet K. (2018). Length-weight analysis of three needlefish species from the Lakshadweep archipelago. *Journal of Applied Ichthyology*, 34(5): 1244-1246. (Impact factor: 0.877)
45. Jyothi P. V. & S. Sureshkumar(2018). Patterns of Vegetation Dynamics across Mild Disturbance Gradient in a Freshwater Wetland System in Southern India. *Wetlands*, <https://doi.org/10.1007/s13157-018-1031-8>.
46. Sathyajith Chandhini and Vattiringal Jayadradhan Rejish Kumar (2018) Transcriptomics in aquaculture: current status and applications, *Reviews in Aquaculture*, 46, 1-19 (Impact Factor : 7.139).

5. Question No.7

Number of research papers published in peer reviewed Journals having **no Impact factor**

<http://kufos.ac.in/wp-content/uploads/2019/11/Journals-without-impact-factor-min.pdf>

1. Spatial Variability of biochemical Composition in Coral reef Sediments of Kavaratti and Pitti Islands Lakshadweep Archipelago Anu Joy P.P. Anoop R.Rajesh Angel Mathew and Anu Gopinath *Indian Journal of Geo Marine Sciences* 48 (3).2019 369-378 Impact factor: 0.289.
2. Role of hydrographical parameters and total organic carbon on mercury allocation along the riverine transect of Beypore, south-west coast of India (2019) *Indian Journal of Geo Marine Sciences* Jose Mathew. Anoop P P, Anu Joy and Anu Gopinath. 48 (09)1419- 1426 Impact factor: 0.289.
3. Fish Collagen and its Applications in Food and Pharmaceutical Industry: A Review, *EC NUTRITION*, Maya Raman and K Gopakumar
4. Food consumption pattern among school going children in a rural area of kerala K.L Bloosam, Shilpa Jose, Daisy C Kappen *Journal of Extension Education* Vol. 30 No.4
5. Antioxidant Activity Guided Isolation of Chemical Constituents from Whole Plant of *Canscora Perfoliata* Deepak M, Sulaiman C T, Indira Balachandran, Subash Chandran K P *International Journal of Pharmacognosy and Phytochemical Research* 2019; 11(3);129-134
6. Dissipation Dynamics and Risk Assessment of Thiachloprid Residues in Chilli Pepper (*Capsicum annum L.*) and Soil using Liquid Chromatography- Tandem Mass Spectrometry *Pesticide Research Journal* Vol. 30(2): 174-182
7. Dissipation Kinetics And Risk Assessment Of Novaluron In Fresh And Dry Chilli Pepper Under Humid Climatic Conditions S. Visal Kumar , K. P. Subhashchandran, Thomas George, N. Pratheeshkumar, S. Suryamol *JETIR* Volume 5, Issue 10
8. Biodegradability of Synthetic Plastics - A Review Jaysree R.C., Subhash Chandra K. P., and Sankar T.V. *International Journal of ChemTech Research* Vol.12 No.06, pp 125-133
9. Disease Management Options in Captive Reared Clownfish, *Amphiprion sebae* Bleeker 1853: Application of Chemotherapy, Marine Natural Products and Autogenous Vaccines S. PRAMILA and A.P. LIPTON *Asian Fisheries Science* 31 (2018):218-229
10. Occurrence of *Vibrio mediterranei* Pujalte and Garay, 1986 in aquarium reared marine ornamental fish S. Pramila and A. P. Lipton *Marine biological association of india*.
11. Sub-lethal effects of potassium dichromate on hematological and histological parameters in climbing perch, *Anabas testudineus* (Anabantidae) Liya Vazhamattom Benjamin, Ranjeet Kutty *Int. J. Aquat. Biol.* (2019) 7(3): 140-145

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12. Marine Bioinvasion – An Introspective Commentary on the Trophic Level Modulations in Zooplankton Communities Riyas Rahman PK and K Ranjeet VIRJ for Pure and Applied Science
13. First record of the rare Furry Lobster *Palinurellus wieneckii* (De Man, 1881) (Decapoda: Palinuridae) from the Arabian Sea K.K Indreesbanu, C P Rajool Shanis, S Sureshkumar Journal Of Threatened Taxa
14. Prevalence of Multiple Antibiotic Resistant and Extended Spectrum Beta Lactamase (ESBL) producing *Escherichia coli* in a traditional fishing harbour and surrounding water bodies in southwest coast of India Zubair A. A., M. Razia Beevi1 and S. Sureshkumar Journal of Aquatic Biology and Fisheries Vol. 6
15. Review Article Bacterial Pathogens in Seafood – Indian Scenario A. Ramachandran1 and Asha Raymond Fishery Technology 56 (2019) : 1 – 22
16. DNA barcoding confirms species substitution of *Parastromateus niger* (black pomfret) using exotic species *Piaractus brachyomus* (Red Bellied Pacu) Sameera Shamsudheen, Ramachandran A, Deepak J and Harikrishnan M International Journal of Fisheries and Aquatic Studies 2019; 7(4): 314-320

6. **Question No.8**

No. of papers presented in National & International conferences (number of papers/ number of faculty): **13/30**

Sl No	Title	Name of Conference	Venue	Date
1	Isolation, purification and functional properties of lectin from the fish Green chromide	BRAQCON 2019, World Brackish water Aquaculture Conference 2019	Organised by Society of Coastal Aquaculture and Fisheries (SCAFi) and ICAR-CIBA, held at Chennai	22nd to 25th January, 2019
2	Comparative study on the effects of biological and chemical synthesized ZnO nanoparticle in Nile tilapia (<i>Oreochromis niloticus</i>).	Biennial National conference Nano India 2019	Mahatma Gandhi University, Kottayam, Kerala,	26th -27th April, 2019.
3	Nano-TiO ₂ induced oxidative stress in Nile Tilapia (<i>Oreochromis niloticus</i>) and possible amelioration with <i>Tinospora cordifoliata</i>	BRAQCON 2019, World Brackish water Aquaculture Conference 2019	Organised by Society of Coastal Aquaculture and Fisheries (SCAFi) and ICAR-CIBA, held at Chennai	22nd to 25th January, 2019
4	Recent Developments in Aquatic Chemistry	National Seminar - Aquasem	Organized by Department of Chemical Oceanography, School of Marine Sciences, CUSAT	21-23, March, 2019. Session Natural products/ Bioactive Compounds.

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5	Basic Principles and applications of FT-IR	State level training programme on "Training on structural data Interpretation HPLC/LC-MS/MS, FT-IR/NMR"	Organized by School of Biosciences, M.G. University, Kottayam	14-15, March,2019
6	Response of estuarine zooplankton to the 2018 Kerala flood	World Ocean Science Congress 2019	Andhra university Visakhapatnam	25th -27th February 20119
7	Distribution Pattern of Larval forms of Benthic invertebrates of two major estuaries	International Conference on Benthos 2019	Cochin University, Kochi	6th -8th March 2019
8	A Comparative study of mesozooplankton in two major estuaries of Kerala	National Seminar on Environmental status of Estuarine and Coastal Ecosystems in India	University of Kerala	14-16 March, 2019
9	Exploring the Traditional Knowledge of Sand Crabs	National Seminar on Environmental status of Estuarine and Coastal Ecosystems in India	University of Kerala	14-16 March, 2019
10	Sate of the World's Aquaculture	Seminar on Wetland Conservation – World wetland Day celebration	College of Forestry, Kerala Agricultural University	2nd February , 2019
11	The role of mangroves in Pollution Abatement- A case study of Kerala Mangroves	Seminar on Wetland Conservation - World wetland Day celebration	College of Forestry, Kerala Agricultural University	2nd February , 2019
12	Experimental farming of white leg shrimp <i>Penaeus vannamei</i> at Fisheries station, Puthuvype, Kerala	BRAQCON 2019, World Brackish water Aquaculture Conference 2019,	Organised by Society of Coastal Aquaculture and Fisheries (SCAFi) and ICAR-CIBA, held at Chennai	22nd to 25th January, 2019
13	Screening on Protease Production by Chitinolytic Bacteria from Sea Food Processing Effluent	Young Scholars Congress-2019	International Young Scholars Conference organized by AKG Centre for Study and Research	16-17 March 2019 at Thiruvananthapuram.

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7. Question No.9

Ongoing projects with funding above 5 lakhs (Number of projects/number of faculty): 6/30

SL.No	Project Name	Funding Agency	Project Invigilator	Amount	Period
1.	INCOIS Project entitled "Establishment of Wave Observation at Two Locations Off Kerala Coast : Verification & Dissemination of Forecasts, Advisories & User Interaction Workshops"	INCOIS	Dr.S.M. Raffi	38,97,800/-	2018-20
2.	INCOIS Project entitled "Natural and Human-Induced Hypoxia and its Consequences in the Coastal Waters off Kochi"	INCOIS	Dr. Anu Gopinath	31,00,000/-	2018-20
3.	SERB Project entitled "Studies on the Occurrence, Distribution and Composition of Microplastics along the Kerala coast with emphasis on their manifestation in food chain of near shore communities"	DST-SERB	Dr. K. Ranjeet	39,80,000/-	2018-21
4.	Transcriptome Analysis and Gene Expression Studies to Elucidate Heterogeneous Individual Growth in <i>Macrobrachium rosenbergii</i> for ensuring sustainable Aquaculture Production	DBT	Dr. K. Ranjeet	39,43,200/-	2018-21

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5.	Systematic, Phylogeny, Life History Traits, Distribution and Stock Assessment of Cutlass Fishes and Snake Mackerels Occurring in India Waters"	MoES	Dr. M. K. Sajeevan	90,43,752/-	2018-22
6.	Characterization of cellular & molecular mechanism Involved in Fish Lacting & its Potential Role in Immune Defense & Therapeutics	DST-SERB	Dr E P Preetham	39,85,520/-	2017-20
Total				2,79,50,272/-	

8. **Question No. 10**

Project fund secured in the evaluation period (amount in Lakhs) (Total fund/No. of faculties): (Rs. 97.63680/30 = 3.25456)

SL.No	Project Name	Funding Agency	Project Invigilator	Amount	Period
1.	INCOIS Project entitled "Establishment of Wave Observation at Two Locations Off Kerala Coast : Verification & Dissemination of Forecasts, Advisories & User Interaction Workshops"	INCOIS	Dr.S.M. Raffi	14.43680	2018-19
2.	INCOIS Project entitled "Natural and Human-Induced Hypoxia and its Consequences in the Coastal Waters off Kochi"	INCOIS	Dr. Anu Gopinath	16.00000	2018-19

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3.	SERB Project entitled "Studies on the Occurrence, Distribution and Composition of Microplastics along the Kerala coast with emphasis on their manifestation in food chain of near shore communities"	DST-SERB	Dr. K. Ranjeet	19.10000	2018-19
4.	Transcriptome Analysis and Gene Expression Studies to Elucidate Heterogeneous Individual Growth in <i>Macrobrachium rosenbergii</i> for ensuring sustainable Aquaculture Production	DBT	Dr. K. Ranjeet	28.45000	2018-19
5.	Systematic, Phylogeny, Life History Traits, Distribution and Stock Assessment of Cutlass Fishes and Snake Mackerels Occurring in India Waters"	MoES	Dr. M. K. Sajeevan	13.65000	2018-19
6.	Characterization of cellular & molecular mechanism Involved in Fish Lacting & its Potential Role in Immune Defense & Therapeutics	DBT-SERB	Dr E P Preetham	5.00000	2018-19
7.	Impact of Kerala Floods/ Landslides on single location endemic fish species	KSBB	Dr. Rajeev Raghavan	2.25000	2018-19
8.	National Surveillance Programme for Aquatic Animals	NFDB	Dr. Devika Pillai	3.32766	2018-19
Total				102.21446	

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9. Question No.11

Prestigious Research Awards received from professional bodies/scholarly societies/National/ International Academies.

Sl No	Name of Award	Agency	Awardee
1	Prof. N. Balakrishnan Nair Environmental Excellence Award	Society for Advancement of Biological Sciences, Bangalore	Prof. Dr. A. Ramachandran, Vice Chancellor, KUFOS
2	Certificate of Appreciation from WAS Asian Pacific Chapter, Bangkok, Thailand for serving the Chapter as the Director from 2016 to 2018	WAS Asian Pacific Chapter, Bangkok, Thailand	Dr K Dinesh, Associate Professor and Head, Department of Aquaculture
3	World Aquaculture Society Fellow Award of 2018. The award was received by the Scientist in August 2018 during a meeting held in Montpellier, France.	World Aquaculture Society	Dr K Dinesh, Associate Professor and Head, Department of Aquaculture
4	Marine Alliance for Science and Technology for Scotland (MASTS) grant award to visit Aberdeen University, Scotland	1st May to 15th June, 2019.	Dr Preetham Elumalai

10. Question 12

Chair/Endowments established per Department in the University/own constituent colleges during the evaluation period. (Number of Chairs/ Endowments/Total No. of Departments)

Sl No	Name of Department	Name of Endowment
1	Faculty of Fisheries	The Best Student Award' instituted by Sri. N. N. Raman, Assoc. Professor (Rtd.) for the student acquiring highest OGPA in the BfSc. Programme. The award consists of a cash award of Rs. 4001/- and a citation

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2	School of Management & Entrepreneurship	The 'Best Student of MBA (General) Programme' instituted by Dr. V. Ambilikumar, Professor, SME in memory of his mother Late K. Rajamma Amma for the student who secure the first position each year. The award consists of a cash award of Rs. 4725/- and a citation
3	Students Welfare	'Best NSS Student Volunteer' award instituted by Dr. Ranjeet K., Assoc. Professor which includes a cash prize of Rs. 5000/-, a trophy and citation
4	Faculty of Fisheries	Cash award of Rs. 5000/- instituted by Smt. Ajitha T. C., Office Superintendent Hr. Gr. (Rtd.), to the student belonging to Scheduled Caste community who acquired maximum OGPA in the BFSc. Programme each year

11. Question No.13

Number of PhDs awarded : **None**

Sl No.	Name	Department	Title of Thesis
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12. Question No.14

Number of Patents: Patents filed (Upload details): **None**

13. Question No.27

Number of Students who have obtained NET/JRF/GATE/KSCSTE Fellowships during the assessment period

Sl No	Name of student	Roll No	Discipline/Department
1.	Anjana Preetha	KL0406504754	UGC Environmental Science NET (December 2018)
2.	Chinnu Remanan	KL0406504646	UGC Environmental Science NET (December 2018)
3.	Ardra Vijayan	KL11504125	UGC Environmental Science NET (June 2019)
4.	Bini C Das	1093802504	ICAR NET, Fish Health (June 2018)
5.	Arnab Bandyopadhyay	1093602856	ICAR NET, Fish Processing technology (June 2018)
6.	Nimisha B	3103501395	ICAR NET, Fisheries Resource Management (December 2018)
7.	Mosaraf Hossain	3343600604	ICAR NET, Fish Processing Technology (December 2018)

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8.	Sandipan Mondal	3343600645	ICAR NET, Fish Processing Technology (December 2018)
9.	Mubarak M	3103500372	ICAR NET, Fisheries Resource Management (December 2018)
10.	Vishnu Priya KS	3103500894	ICAR NET, Fisheries Resource Management (December 2018)

14. Question No. 30

Number of Post Graduates admitted to Ph.D in the Same University

Sl No	Name	Department Studied	Department Joined
1.	Bini C Das	Aquaculture	Aquaculture
2.	Anjana Jose	Food Science and Technology	Food Science and Technology
3.	Athira S	Marine Biology	Marine Biology
4.	Nayana Narayanankutty	Marine Biology	Marine Biology
5.	Kiranya S	Fisheries Resource Management	Fisheries Resource Management

15. Question No. 31

Number of Ph.D holders admitted to Post Doctoral Programme in the same University: **None**

Sl No	Name	Department Studied	Department Joined
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16. Question No.32

Number of students who have received awards/recognition for Research eg: Young Scientist Award and other such academic awards

Sl No	Name of Student	Department	Title of Award
1	Liju Thomas	School of Ocean Science and Technology	CSIR- SRF
2	Haritha YS	Marine Chemistry	Ocean Society of India (OSI) Meritorious PG Dissertation award in Marine Sciences
3	Parvathy	Biotechnology	DST-INSPIRE
4.	Jyothilekshmi	Marine Chemistry	DST-INSPIRE
5.	Nimisha K	Food Science and Technology	DST-INSPIRE
6.	Athira AS	Food Science and Technology	DST-INSPIRE

17. Question No.44

Tapping of private endowments other than alumni contribution for improving building, physical infrastructure, Research Centre, instituting scholarships for students etc., (in University Depts. & its constituent colleges) : **None**

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18. Question No.48

Number of outreach programmes conducted by the University. **13** (Exhibitions, Camps etc)

Sl No.	Name of Programme	Venue	Date	Type of Beneficiary
1	Two day training programme on "Production and Marketing of value added products from seafood"	KUFOS	10 th and 11 th October 2018	Fish Farmers
2	Training programme on Ornamental Fish Culture	KUFOS	5/3/2019 to 9/3/2019	Fish Farmers
3	"Hygienic Preparation of Pickled Products"	KUFOS	27 th April 2018.	Fish Farmers
4	Production and Marketing of value added products from seafood	KUFOS	26 th January 2019.	Fish Farmers
5	Two day training programme on "Production and Marketing of value added products from seafood"	KUFOS Regional Centre, Payyanur	10 th and 11 th October 2018	Fish Farmers
6	"Production and Marketing of value added products from seafood"	KUFOS Regional Centre, Payyanur	13 th - 14 th December 2018	Fish Farmers
7	"Production and Marketing of value added products from seafood"	KUFOS	26 th January 2019	Kumbalam Kudumbasree workers
8	Six days hands-on training programme for capacity building on fish and shellfish disease diagnosis and health management	KUFOS	12 th to 17 th of November 2018	Staff- Fisheries Department
9	"Freshwater fish culture and emerging diseases" -"National Surveillance Programme on Aquatic Animal Diseases"	KUFOS	7 th February 2019 12 th April 2019 14 th June 2019	Payyannur Thrissur Kottayam
10	Awareness programme on Freshwater fish culture and emerging diseases funded by NFDB	KUFOS	7/2/2019	Fish Farmers

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11	Awareness programme on Freshwater fish culture and emerging diseases funded by NFDB	KUFOS	12/4/2019	Fish Farmers
12	Awareness programme on Freshwater fish culture and emerging diseases funded by NFDB	KUFOS	14/6/2019	Fish Farmers
13	Water Quality Analysis of drinking water resources of Kerala - conducted by Soil and Water analysis Lab of KUFOS	KUFOS- Soil and Water analysis Lab	18/08/2018-30/10/2019	<p>Analysed over 4500 samples of well water from different districts immediately after the flood in 2018. Also organized water quality analyses camps in different places.</p> <p>KUFOS extended the maximum help to analyse the drinking water quality of wells of Kerala immediately after the 2018 floods- 4500 samples</p>

19. Question No.49

Number of National/ Inter National Seminars & Conferences conducted by the University (funded/partly funded by National/ International agencies): **3**

Sl No	Title of Conference	Name of Organizing Department	Date/Duration
1	Integrating Biogeochemistry and Ecosystems in a Changing Oceanic Environment	KUFOS-INCOIS Centre at KUFOS Funded by Ministry of Earth Sciences , Government of India	17-18, January, 2019

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2	Two Day National Seminar on Rivers and Wetlands	Department of Aquatic Environment Management, KUFOS	of	28-29, March, 2019
3	National Seminar on Climate Change and Disaster Management	Centre for Aquatic Resource Management and Conservation, KUFOS		22-23, February, 2019

20. Question No.50

Number of consultancy assignments: **None**

Sl No	Area of Consultancy	Department involved in consultancy	Name of Consultancy Project
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21. Question No 53

Number of Faculty recharging strategies: **11**

1. Dr Blossom K. L Assistant Professor , Department of Food Processing Technology , attended Orientation programme conducted by UGC HRDC at Venkateswara University, Tirupati from 21.01.19 to 16.02.19.
2. Dr. Jayalakshmi K J, Assistant Professor, Dept. FRM, has successfully completed 28 days UGC sponsored Orientation Programme from 01.02.2019 to 28.02.2019 at Human Resource Development Centre (HRDC) and Regional Centers for Capacity Building (RCCB) University of Madras, Chennai
3. Dr Abhilash Sasidharan , Assistant Professor , Department of Food Processing Technology, attended 8 days Model Training Course on "Advanced Fish Drying and Chilling Technology" sponsored by Directorate of Extension, Ministry of Agriculture and Framers Welfare, Govt. of India, organized by Central Institute of Fisheries Technology, Cochin - 29, from 19th to 26th August 2019.
4. Dr Abhilash Sasidharan , Assistant Professor , Department of Food Processing Technology, attended 25 days Orientation Program as per UGC-Career Advancement scheme for Assistant Professors at Jawaharlal Nehru University (JNU), New Delhi from 5th to 29th March 2019.
5. Dr Abhilash Sasidharan , Assistant Professor , Department of Food Processing Technology, attended, Marine Stewardship Council, Level 2 Capacity Building Workshop on "Working towards MSC Certification" held at Kerala University of Fisheries & Ocean Studies, Kochi from 11th to 15th December 2018.

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6. Dr Abhilash Sasidharan , Assistant Professor , Department of Food Processing Technology, attended, 21 days ICAR supported Centre of Advanced Faculty Training (CAFT) in Food Processing Training program on "Food Safety and Quality Management of Food Products with reference to HACCP, Value addition & Quality standard" from Sep 04-24,2018 at Banaras Hindu University, Varanasi, Uttar Pradesh.
7. Dr Anvar Ali, Assistant Professor, Dept. FRM, has successfully completed 25 days Orientation Program as per UGC-Career Advancement scheme for Assistant Professors at Jawaharlal Nehru University (JNU), New Delhi from 5th to 29th March 2019.
8. Dr Binu Vargheese , Assistant Professor, Department of Aquaculture, has successfully completed 28 days Orientation Program as per UGC-Career Advancement scheme for Assistant Professors at Academic Staff College, Trivandrum 26.04.2019- 23.05.2019.
9. DrLinoy Libini , Assistant Professor, Department of Aquaculture, has successfully completed 28 days Orientation Program as per UGC-Career Advancement scheme for Assistant Professors at Academic Staff College, Trivandrum 26.04.2019- 23.05.2019.
10. Dr Prameela , Assistant Professor, Department of FRM, has successfully completed 28 days Orientation Program as per UGC-Career Advancement scheme for Assistant Professors at Academic Staff College, Trivandrum 26.04.2019- 23.05.2019.
11. Dr Anu Gopinath has successfully attended a winter school conducted by CMFRI, Kochi from 8th - 29th November, 2018.

22. Question No.56

Number of high impact (2.0 or more) print journals subscribed to

Sl No	Title	Publisher	Impact Factor
1.	Nature	Nature Research, UK	43.070

23. Question No.57

Number of high impact (2.0 or more) e-journals subscribed to

Sl No	Title	Publisher	Impact Factor
University Library is a subscriber of Consortium for e-Resources in Agriculture, India (CeRA) repository of ICAR in which more than 5000 journals are available for students/researchers URL: https://icar.gov.in/content/journals-available-under-cera			

24. Question No.60 &61

Number of Massive Open Online Courses (MOOC) Courses offered: **None**

Sl No.	Name of MOOC Course	Department which offered the course	No. of students enrolled	Credits permitted

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25. Question No.63

Number of Students who have secured top positions in extra-curricular and co-curricular activities in sports, culture and arts in national/international levels : **None**

Sl No.	Name of Student	Title of event	Position attained	National/International