

## IN-HOUSE PROJECTS (Duration – April 2021- March 2024)

| Sl. No                             | Project Code                | Project Title                                                                                                                          | Principal Investigator    | Associated scientists                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>CRUSTACEAN CULTURE DIVISION</b> |                             |                                                                                                                                        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1                                  | FISHCIBASIL<br>202100100140 | Technology upgradation and optimization of protocols for diversified systems and species of crustaceans through sustainable approaches | Dr. Akshaya Panigrahi     | Dr (Mrs) M. Jayanthi, Dr. C. P. Balasubramanian, Dr(Mrs) N. Rekha, Dr. S. Kannappan, Dr (Mrs) Shyne Anand, Mrs. Leesa Priyadarshini, Mr. Jose Antony, Mr R. Arvind, Dr N.S. Sudheer, Mr Biju, I. Francis, Dr Vinay T. Nagaraju, Dr K. Ambasankar, Dr. T. K. Ghoshal, Dr. M. Kumaran, Dr. Sherly Tomy, Dr. Ezhil Praveena, Dr R. Geetha, Dr. Sanjoy Das, Dr Suvana Sukumaran, Mr. Pankaj Patil, Dr. S. Sivagnanam, Dr. S. Rajamanickam |
| 2                                  | FISHCIBASIL<br>202100200141 | Captive maturation, breeding biology and larviculture of candidate crustacean species for brackishwater aquaculture                    | Dr. C. P. Balasubramanian | Dr (Mrs) M. Jayanthi, Dr. A. Panigrahi, Dr(Mrs) N. Rekha, Dr. K. P. Kumaraguru Vasagam, Dr (Mrs) Shyne Anand, Ms. L. Christina, Dr Vinay T. Nagaraju, Dr N.S. Sudheer, Mr Jose Antony, Mr Biju, I. Francis, Mr R. Arvind                                                                                                                                                                                                              |

| <b>FINFISH CULTURE DIVISION</b>                         |                             |                                                                                                                                                              |                      |                                                                                                                                                                                                                                                                                                      |
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| 3                                                       | FISHCIBASIL<br>202100300142 | Development of hatchery technologies for breeding and seed production of candidate brackishwater finfish species under improved captive rearing systems      | Dr. M. Kailasam      | Dr. M. Makesh, Dr. R. Jayakumar<br>Dr. K.P. Kumaraguru vasagam,<br>Dr. T. Senthil Murugan, Dr.<br>Krishna Sukumaran, Dr. Prem<br>Kumar, Dr. Aritra Bera, Ms.<br>Babita Mondal, Shri Pankaj<br>Amrut Patil, Shri Tanveer<br>Hussain, Shri Dani Thomas, Shri<br>T. Sivaramkrishnan, Dr. R.<br>Subburaj |
| 4                                                       | FISHCIBASIL<br>202100400143 | Development and demonstration of novel brackishwater finfish farming technologies                                                                            | Dr. R. Jayakumar     | Dr. M. Kailasam, Dr. T. Senthil<br>Murugan, Dr. Krishna<br>Sukumaran, Dr. Prem Kumar, Dr.<br>Aritra Bera, Ms. Babita Mondal,<br>Shri Tanveer Hussain, Shri Dani<br>Thomas, Shri Pankaj Amrut Patil,<br>Dr. P. Kumararaja, Dr. R.<br>Subburaj                                                         |
| <b>AQUATIC ANIMAL HEALTH &amp; ENVIRONMENT DIVISION</b> |                             |                                                                                                                                                              |                      |                                                                                                                                                                                                                                                                                                      |
| 5                                                       | FISHCIBASIL<br>202100500144 | Investigation of existing/ emerging diseases in candidate brackishwater species and development of preventive/ treatment strategies for effective management | Dr. K. P. Jithendran | Dr. M. Poornima, Dr. P. K. Patil,<br>Dr. S. K. Otta, Dr. Sanjoy Das, Dr.<br>R. Ananda Raja, Dr. P. Ezhil<br>Praveena, Dr. Sujeet Kumar, Dr.<br>T. Bhuvaneswari, Dr. Vidya,<br>Rajendran, Dr. T. Sathish Kumar,<br>Dr. Leesa Priyadarsani                                                             |

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| 6                                                      | FISHCIBASIL<br>202100600145 | Development of technologies for amelioration of pond soil and water quality in brackishwater aquaculture                                                    | Dr. M. Muralidhar | Dr. R. Saraswathy, Dr. P. Kumararaja, Dr. Satheesha Avunje, Dr. Suvana Sukumaran, Dr. A. Nagavel, Dr. M. Jayanthi, Dr. J. Syama Dayal, Dr. P. K. Patil, Dr. Aritra Bera, Mr. Jose Antony                                                                                                |
| 12                                                     | FISHCIBASIL<br>202200100151 | Inland saline aquaculture development in India: Prospects and Challenges                                                                                    | Dr. M. Muralidhar | Dr. K. P. Jithendran, Dr. M. Jayanthi, Dr. C. P. Balasubramanian, Dr. M. Kailasam, Dr. K. Ambasankar, Dr. M. Kumaran, Dr. P. K. Patil, Dr. K. P. Kumaraguru Vasagam, Dr. R. Ananda Raja, Dr. P. Kumararaja, Dr. Satheesha Avunje, Dr. Aritra Bera, Shri K. P. Sandeep, Shri Jose Antony |
| <b>NUTITION, GENETICS &amp; BIOTECHNOLOGY DIVISION</b> |                             |                                                                                                                                                             |                   |                                                                                                                                                                                                                                                                                         |
| 7                                                      | FISHCIBASIL<br>202100700146 | Integrating biotechnological and bioinformatics approaches for molecular and genetic characterization of brackishwater fish and shellfish candidate species | Dr. M. S. Shekhar | Dr. Sherly Tomy, Dr. B. Sivamani, Dr. K. Vinayakumar, Shri Ashok Kumar Jangam, Dr. J. Raymond Jani Angel, Ms. Misha Soman                                                                                                                                                               |

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| 8                              | FISHCIBASIL<br>202100800147 | Sustainable aqua feed formulations and feeding approaches for improved growth and health.                                           | Dr. K. Ambasankar | Dr. J. Syama Dayal, Dr. T. K. Ghoshal, Dr. Debasis De, Dr. K. P. Kumaraguru Vasagam, Shri K. P. Sandeep, Shri T. Sivaramakrishnan, Dr. Shyne Anand |
| <b>SOCIAL SCIENCE DIVISION</b> |                             |                                                                                                                                     |                   |                                                                                                                                                    |
| 9                              | FISHCIBASIL<br>202100900148 | Communication and socio-economic validation of brackishwater aquaculture technologies for sustainable development                   | Dr. C.V. Sairam   | Dr. T. Ravisankar, Dr. B. Shanthi, Dr. D. Deboral Vimala, Dr. M. Kumaran, Dr. P. Mahalakshmi, Dr. R. Geetha                                        |
| <b>CIBA-KRC</b>                |                             |                                                                                                                                     |                   |                                                                                                                                                    |
| 10                             | FISHCIBASIL<br>202101100150 | Evolving brackishwater aquaculture technologies and its dissemination for livelihood security of Sundarban farmers                  | Dr. Debasis De    | Dr. T. K. Ghoshal, Dr. Sanjoy Das, Dr. Prem Kumar, Ms. Babita Mondal, Ms. Leesa Priyadarshini                                                      |
| <b>CIBA-NGRC</b>               |                             |                                                                                                                                     |                   |                                                                                                                                                    |
| 11                             | FISHCIBASIL<br>202101000149 | Development of sustainable and cost-effective brackish-water farming technologies for shellfish and finfish in the north-west coast | Shri Jose Antony  | Shri Pankaj Kumar Patil, Shri Tanveer Hussain, Dr M. Kailasam, Dr C. P. Balasubramanian, Dr. P. Mahalakshmi , Dr R. Saraswathi, Dr K. Ambasankar   |