Name of the Institution:  Central Institute of Fisheries Technology (CIFT), Cochin-29
RFD Nodal Officer:  Dr. Nikita Gopal

<table>
<thead>
<tr>
<th>Objectives</th>
<th>Weight</th>
<th>Actions</th>
<th>Success Indicators</th>
<th>Unit</th>
<th>Weight</th>
<th>Target / Criteria Value</th>
<th>Achievements</th>
<th>Performance</th>
<th>%Achievements against target values of 90%</th>
<th>Reason for shortfalls or excessive achievements, if applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Improvisation of responsible fish harvesting systems</td>
<td>Development of responsible fishing gear and accessories.</td>
<td>No. 6</td>
<td>1</td>
<td>Excellent 100%</td>
<td>1</td>
<td>100</td>
<td>6</td>
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<tr>
<td></td>
<td></td>
<td>Identification/development of Improved craft and gear materials</td>
<td>Alternate material for fishing craft and gear identified/evaluated.</td>
<td>No. 6</td>
<td>1</td>
<td>Very Good 90%</td>
<td>1</td>
<td>100</td>
<td>6</td>
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<tr>
<td></td>
<td></td>
<td>Development/popularisation of by-catch reduction technologies</td>
<td>By-catch reduction technologies developed / popularized.</td>
<td>No. 2</td>
<td>1</td>
<td>Good 80%</td>
<td>1</td>
<td>100</td>
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<td>4</td>
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<tr>
<td>40</td>
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<td>Development of technologies for fish processing and value addition.</td>
<td>Fish based products and processes developed</td>
<td>No. 7 3 2</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
<td>100</td>
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<tr>
<td>6</td>
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<td>Development of technologies for fish waste utilisation</td>
<td>Products from fish wastes/ processes for fish waste utilisation developed.</td>
<td>No. 6 2 1</td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>100</td>
<td>6</td>
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<tr>
<td>6</td>
<td></td>
<td>Identification and development of improved packaging systems and materials.</td>
<td>Improved packaging materials and systems identified / developed</td>
<td>No. 6 1 -</td>
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<td></td>
<td></td>
<td>1</td>
<td>100</td>
<td>6</td>
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<tr>
<td>6</td>
<td></td>
<td>Development of indigenous processing machinery</td>
<td>Processing machinery developed</td>
<td>No. 6 2 1</td>
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<td></td>
<td></td>
<td>1</td>
<td>90</td>
<td>5.4</td>
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<td>3</td>
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<td>Development of technologies for isolation of bioactive compounds and industrially important products from aquatic sources; nutrient and profiling of fishes.</td>
<td>Bioactive compounds/ industrially important products identified</td>
<td>No. 3 1 -</td>
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<td>2</td>
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<td>Nutrient profiling.</td>
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<td>No. 2 1 -</td>
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<td>2</td>
<td>100</td>
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<td>5</td>
<td></td>
<td>Development / implementation of quality and safety system for fish and fishery products.</td>
<td>Quality and safety system for fish and fishery products, developed / implemented.</td>
<td>No. 5 2 1</td>
<td></td>
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<td>2</td>
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<tr>
<td>5</td>
<td></td>
<td>Assessment of microbial seafood safety hazards and bio-prospecting of aquatic microbial resources.</td>
<td>Seafood borne pathogens characterized; Antimicrobial resistance in seafood-borne pathogens assessed; Biomolecules prospected from microbial sources.</td>
<td>No. 5 3 2</td>
<td></td>
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<td>7</td>
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</table>

More samples collected and received from the processing industry for characterization of seafood borne pathogens.
<table>
<thead>
<tr>
<th>Transfer of technology and training</th>
<th>34</th>
<th>Extension and HRD programmes for stakeholders in fisheries sector</th>
<th>Skill up-gradation programmes conducted.</th>
<th>No. of programmes</th>
<th>5</th>
<th>4</th>
<th>3</th>
<th>12</th>
<th>100</th>
<th>5</th>
<th>400</th>
<th>Requests received from industry for organizing skill upgradation programme</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Exhibitions participated.</td>
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<td>15</td>
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<td>187</td>
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<tr>
<td>Advanced training in harvest and post-harvest technologies.</td>
<td>10</td>
<td>Training in responsible fishing gear, post-harvest technology, seafood quality, biochemical and microbiological analysis.</td>
<td>No. of trainees</td>
<td>15</td>
<td>90</td>
<td>70</td>
<td>413</td>
<td>100</td>
<td>15</td>
<td>590</td>
<td>More requests received from industry and other stakeholders for organizing training programmes</td>
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<td>Commercialization of products and processes</td>
<td>1</td>
<td>Products and processes commercialized.</td>
<td>No.</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>90</td>
<td>0.9</td>
<td>100</td>
<td>-</td>
<td>More samples and requests received from the processing industry for analytical support.</td>
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<tr>
<td>Analytical and consultancy services</td>
<td>7</td>
<td>Analytical and advisory support to the industry.</td>
<td>No.</td>
<td>7</td>
<td>50</td>
<td>40</td>
<td>750</td>
<td>100</td>
<td>7</td>
<td>1875</td>
<td>More consultancy services request received than expected.</td>
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<td>Consultancy services undertaken</td>
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<td>No.</td>
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<td>100</td>
<td>3</td>
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<td>Efficient Functioning of the RFD System</td>
<td>Timely submission of RFD for 2012-13</td>
<td>On time submission</td>
<td>Date</td>
<td>23 May 2012</td>
<td>26 May, 2012</td>
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<td>Timely submission of Results for 2012-13</td>
<td>On time submission</td>
<td>Date</td>
<td>1</td>
<td>1 May, 2013</td>
<td>2 May, 2013</td>
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<tr>
<td>Implement ISO 9001</td>
<td>Prepare ISO 9001 action plan</td>
<td>Date</td>
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<td>5 June, 2012</td>
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<td>Implementation of ISO 9001 action plan</td>
<td>Date</td>
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<td>25 March, 2013</td>
<td>26 March, 2013</td>
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<td>0</td>
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<td>Implement mitigating strategies for reducing risk of corruption</td>
<td>% of implementation</td>
<td>%</td>
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<td>100</td>
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<tr>
<td>Implementation of Sevottam</td>
<td>Independent Audit of Implementation of Citizen’s Charter.</td>
<td>%</td>
<td>2</td>
<td>100</td>
<td>95</td>
<td>0</td>
<td>0</td>
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<tr>
<td></td>
<td>Independent Audit of implementation of public grievances redressal system</td>
<td>%</td>
<td>2</td>
<td>100</td>
<td>95</td>
<td>0</td>
<td>0</td>
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</tr>
</tbody>
</table>

Total Composite Score: 87.3
Rating: Very Good

Dr. Nikita Gopal
RFD Nodal Officer (CIFT)