



# ICAR-CIFE

## Evaluation Proforma for Ranking of Agricultural Universities for the year 2018



ICAR-Central Institute of Fisheries Education  
Mumbai



# Evaluation Proforma for Ranking of Agricultural Universities for the year 2018



**भा.कृ.अनु.प.-केन्द्रीय मात्स्यिकी शिक्षा संस्थान  
मुंबई**

**ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION**

(University under Sec.3 UGC Act, 1956)

Indian Council of Agricultural Research

Panch Marg, Off Yari Road, Mumbai – 400 061

+91 22 263636404 / 26374306

[www.cife.edu.in](http://www.cife.edu.in)



भा.कृ.अनु.प.- केन्द्रीय मात्स्यिकी शिक्षा संस्थान  
**ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION**

(A University Established Under Sec.3 of UGC Act 1956)  
Ministry of Agriculture & Farmers Welfare,  
Govt. of India.



**DECLARATION**

It is certified that the information provided in the proforma is correct and the responsibility of accuracy and authenticity of the data lies with the university.

It is to declare that the entire filled-in proforma was uploaded on the website of the university and it is available at [www.cife.edu.in](http://www.cife.edu.in). It is further declared that the document shall be made available till next ranking.

**Date:07.06.2019**

  
(Signature of the Registrar)  
पी. जे. डेविस / P. J. Davis  
वरिष्ठ प्रशासनिक अधिकारी / Sr. Administrative Officer  
भा.कृ.अनु.प. - केन्द्रीय मात्स्यिकी शिक्षा संस्थान  
ICAR - Central Institute of Fisheries Education  
पंच मार्ग, यारी रोड, मुंबई  
Panch Marg, Yari Road, Mumbai-400 061.

पंच मार्ग, ऑफ यारी रोड, वरसोवा, अंधेरी (प), मुंबई - ४०० ०६१. (भारत)  
Panch Marg, Off Yari Road, Versova, Andheri (W), Mumbai - 400 061. (India)

कार्यालय / Office) : 022-26361446/7/8,  
Fax : 022-26361573  
Website : <http://cife.edu.in>



# Contents

---

<i>Brief Profile of the University</i>	1
<i>Proforma</i>	2
<i>Annexure A2</i>	12
<i>Annexure A3</i>	16
<i>Annexure A3a</i>	17
<i>Annexure A3b</i>	18
<i>Annexure A4</i>	19
<i>Annexure A7</i>	20
<i>Annexure A8</i>	23
<i>Annexure A10</i>	26
<i>Annexure A11</i>	33
<i>Annexure A12</i>	34
<i>Annexure A13</i>	37
<i>Annexure A14</i>	38
<i>Annexure A15</i>	40
<i>Annexure A17</i>	42
<i>Annexure A18</i>	43
<i>Annexure A19</i>	44
<i>Annexure A20</i>	45
<i>Annexure B1</i>	49
<i>Annexure B2</i>	57
<i>Annexure B3 (i)</i>	62
<i>Annexure B3 (ii)</i>	63
<i>Annexure B3 (iii)</i>	68
<i>Annexure B3 (iv)</i>	69
<i>Annexure C2</i>	71
<i>Annexure C3</i>	72
<i>Annexure C5</i>	73
<i>Annexure C6</i>	74
<i>Annexure C7</i>	78
<i>Annexure C8</i>	82
<i>Annexure C9</i>	86
<i>Annexure C10</i>	94





## Evaluation Proforma for Ranking of Agricultural Universities for the year 2018

### Brief Profile of the University

<b>1</b>	Name of the University	:	ICAR-Central Institute of Fisheries Education (Deemed University) Panch Marg, Off Yari Road, Versova, Andheri (West), Mumbai-400061			
<b>2</b>	Contact details of ICAR Nodal officer	:	Dr. (Mrs.) Rama Sharma			
		:	E-mail	ramasharma@cife.edu.in		
		:	Mobile	9819144313		
<b>3</b>	Number of Students Passed Out (2018):					
	UG :	:	CIFE does not offer any UG programs			
	PG	:	63 (Please see Annexure 3a – Page 17)			
	Ph.D.	:	47 (Please see Annexure 3b – Page 18)			
<b>4</b>	Faculty Position as on 01.01.2018					
			Sanctioned	In position	% of filled	
	Colleges/University		104	84	80.77%	
	Research Centers		-	-	-	
	AICRD		NA	NA	NA	
	KVKs		NA	NA	NA	
<b>5</b>	University budget of Financial Year 2018-19 (Revised from State & Union Government) Budget (2018-19)					
	Rs. in Lakhs					
	S.No.	Head	BE/RE	Fund received	Expenditure incurred	
	1.	Grant in Aid Capital	277.00	287.07	274.79	
	2.	Grant in Aid Revenue (Excluding Salary and pension)	2288.00	2288.00	2285.14	
	3.	NEH	5.00	5.00	4.65	
	4.	TSP	27.00	27.00	26.26	
	5.	SCSP	236.93	236.93	209.54	
		<b>Total</b>	<b>2,833.93</b>	<b>2,844.00</b>	<b>2800.38</b>	
	S.No.	Head	Balance C/f (A)	Received (B)	Total receipt	Expenditure incurred
	1.	CAFT	21.02	-	21.02	6.85
	2.	SDU	147.76	116.35	264.11	82.99
	3.	Library Strengthening under SDAE	63.47	11.53	75.00	59.50
	4.	Scheduled Cast Sub Plan under SDAE	-	100.00	100.00	84.78
	5.	NAHEP	-	861.32	861.32	500.73
	6.	Externally Funded Projects	246.44	173.00	419.44	233.23
		<b>Total</b>	<b>478.69</b>	<b>1,262.20</b>	<b>1,740.89</b>	<b>968.08</b>
	Rs. in Lakhs					
	<b>Revenue Generation</b>		<b>310.78</b>			

## Proforma

	Parameters	ICAR- CIFE	Score	Score awarded
(A)	<b>Teaching outcome (Impact/Quality Weightage 40% or 40 marks)</b>			
A1.	<b>Number of students got ICAR-PG Scholarships (erstwhile JRF) during 2018/Number of UG students passed out</b> (List to be enclosed as Annexure A1) (Maximum 1 mark)			
	If more than 5% of UG students got ICAR PG Scholarships (The students who cleared the exam but not awarded ICAR PG Scholarships not to be included.)	ICAR-CIFE does not offer any UG program	1 mark	1.0
A2.	<b>Number of students got admission in Master's program during 2018 through ICAR entrance examination/Number of UG students passed out</b> (List to be enclosed as Annexure A2) (Maximum 1 mark)			
	If more than 10% of UG students got admission at Masters programme	75 (ICAR-CIFE does not offer any UG program) <i>Please see Annexure A2- Page 12</i>	1 mark	1.0
A3.	<b>Students Performance at M.Sc. Level</b> (List to be enclosed as Annexure A3) (Maximum 2 marks)			
	If more than 5% of students got ICAR-JRF/SRF (erstwhile SRF) or equivalent (The students who cleared the exam but not awarded ICAR-JRF/SRF not to be included.)	53.96% M.F.Sc. students received ICAR-JRF/SRF or equivalent (ICAR-CIFE Institutional Fellowship) <i>Please see Annexure A3– Page 16</i>	2 mark	2.0
A4.	<b>Students Performance at M.Sc. Level</b> (List to be enclosed as Annexure A4) (Maximum 1 mark)			
	If more than 10% of students got admission in Ph.D. through ICAR entrance examination	52.38% students got admission in Ph.D. through All India Entrance Examination conducted by ICAR-CIFE, Mumbai <i>Please see Annexure A4 – Page 19</i>	1 mark	1.0

<b>A5.</b>	<b>ICAR Jawaharlal Nehru Award for Ph. D. thesis in 2018 (List to be enclosed as Annexure A5) (Maximum 2 marks)</b>			
	<i>If number is 1</i>	NIL	1 mark	
	<i>If number is more than 1</i>		2 marks	
<b>A6.</b>	<b>Percentage of ARS selections in the disciplines offered by University against available seats advertised by ASRB during 2018 (List to be enclosed as Annexure A6) (Maximum 3 marks)</b>	ARS Exam was not conducted during 2018		
	<i>Upto 5 per cent</i>		1 mark	
	<i>More than 5 per cent</i>		3 mark	-
<b>A7.</b>	<b>Percentage of students qualified NET Exam in the disciplines of Agriculture and allied Sciences during 2018 (List to be enclosed as Annexure A7) (Maximum 3 marks)</b>			
	<i>Upto 5 per cent</i>		1 mark	
	<i>More than 5 per cent</i>	90/110 (81.81%) <i>Please see Annexure A7 – Page 20</i>	3 marks	3.0
<b>A8.</b>	<b>Percentage of faculty positions filled in teaching, research extension, KVK, AICRP &amp; at regional stations (with details of Positions filled and sanctioned cadre strength for each category) (Maximum 4 marks)</b>			
	<i>60 to 70 %</i>		1 mark	
	<i>70 to 80%</i>		2 marks	
	<i>If more than 80%</i>	84/104 (80.77%) <i>Please see Annexure A8 – Page 23</i>	4 marks	4.0
<b>A9.</b>	<b>Number of students admitted from overseas for Ph.D. during 2018(List to be enclosed as Annexure A9) (Maximum 2 marks)</b>			
	<i>If number is up to 2</i>	NIL	1 mark	
	<i>If it is more than 2</i>		2 marks	



<b>A10.</b>	<b>National and International awards (such as those conferred by the National Organizations like ICAR, CSIR, DBT, DST, Government of India, international Bodies of repute like FAO, UN, CG Centres and Recognized National Sciences /Engineering Academies) (earned by Faculty) in 2018 (List with only top 10 awards to be enclosed as Annexure A10) (Maximum 3 marks)</b>			
	<i>Number is 1 Award</i>		<i>1 mark</i>	
	<i>Number is 2-4 Award</i>		<i>2 marks</i>	
	<i>Number more than 4 Award</i>	7 Awards <i>Please see Annexure A10 – Page 26</i>	<i>3 marks</i>	<b>3.0</b>
<b>A11.</b>	<b>Best Institution/ University Awarded by ICAR in 2018 (Proof to be enclosed as Annexure A11) (Maximum 1 mark)</b>	CIFE is ranked in the top 10 University under SAU's and Deemed Universities of ICAR during 2018  <i>Please see Annexure A11 – Page 33</i>	<i>1 mark</i>	<b>1.0</b>
<b>A12.</b>	<b>Award in All India Youth Festival or All India Agri. University, Sports Meet in 2018 (Proof to be enclosed as Annexure A12) (Maximum 1 mark)</b>	<i>Please see Annexure A12– Page 34</i>		
	<i>1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> Position in 2018</i>	5 Awards	<i>1 mark</i>	<b>1.0</b>
<b>A13.</b>	<b>Fellowship or Associateship of National Science Academies (NAAS, INSA, NAS, NAMS, INAE achieved during 2018) (List not more than five to be enclosed as Annexure A13) (Maximum 2 marks)</b>			
	<i>Upto 1</i>	1 Award <i>Please see Annexure A13 – Page 37</i>	<i>1 mark</i>	<b>1.0</b>
	<i>2 or more</i>		<i>2 marks</i>	

<b>A14.</b>	<b>% of faculty with Ph.D. degree from a university from outside of the state where employed</b> (Proof to be enclosed as Annexure A14) <b>(Maximum 2 mark)</b>			
	<i>If less than 15%</i>		No marks	
	<i>15 to 25%</i>		1 mark	
	<i>More than 25%</i>	47.62% <i>Please see Annexure A14 – Page 38</i>	2 marks	<b>2.0</b>
<b>A15.</b>	<b>% Faculty from the state other than the state in which university situated</b> (List along with proof to be enclosed as Annexure A15) <b>(Maximum 2 marks)</b>			
	<i>Less than 20%</i>		No marks	
	<i>20 – 30 %</i>		1 mark	
	<i>More than 30%</i>	91.66% <i>Please see Annexure A15 – Page 40</i>	2 marks	<b>2.0</b>
<b>A16.</b>	<b>Percentage of Faculty with 3 months or more of Post doctoral/Visiting scientist experiences abroad in 2018</b> <b>(Maximum 1 mark)</b>			
	<i>More than 3% of faculty strength</i>	NIL	1 mark	
<b>A17.</b>	<b>Average footfall in library</b> <b>(Maximum 2 marks)</b>			
	<i>Up to 15% of students / faculty in position visiting library daily</i>		1 mark	
	<i>More than 15% of students/faculty in position visiting library daily</i>	25.15% <i>Please see Annexure A17 – Page 42</i>	2 marks	<b>2.0</b>
<b>A18.</b>	<b>CERA utilization in 2018</b> <b>(Maximum 1 mark)</b> * CERA utilization (number of hits/total number of students and faculty)*information will be collected from DKMA, ICAR	15,461/309 <i>Please see Annexure A18 – Page 43</i>	1 mark	<b>1.0</b>
<b>A19.</b>	<b>Accreditation as on 01.01.2018</b> (Copy of accreditation letter / certificate to be enclosed as Annexure 19) <b>(Maximum 3 mark)</b>			
	<i>Accreditation granted for up to 2 years to the University</i>		2 marks	
	<i>Accreditation granted for more than 5 years to the University</i>	Accreditation granted by ICAR for five years till March, 2021 <i>Please see Annexure A19 – Page 44</i>	3 marks	<b>3.0</b>

<b>A20.</b>	<b>Implementation of recommendation of 5<sup>th</sup> Deans, Committee/ BSMA Committees.</b> (copy of proceedings of Academic Council/ Board of Management, in which decision of implementation was taken to be enclosed as Annexure A20) <b>(Maximum 2 marks)</b>			
	<i>Fifth Deans Committee/ BSMA Committees recommendations partially implemented (If not implemented in all the faculties/Colleges)</i>		<i>1 marks</i>	
	<i>Fifth Deans Committee / BSMA Committees recommendations fully implemented.</i>	BSMA committee recommendations have been fully implemented in Master and Doctoral programmes <i>Please see Annexure A 20 – Page 45</i>	<i>2 marks</i>	<b>2.0</b>

B. RESEARCH (Weightage 30% or 30 marks)				
B1.	<p><b>Research Product – (No. of research articles including review articles per faculty member having NAAS rating of over 6.0 in 2018) (List of papers along with NAAS Rating 2019 to be enclosed as Annexure B1). Listing of publications below NAAS rating of 6.0 should not be made. (Maximum 9 marks)</b></p> <p><i>Less than 0.5 papers per faculty member</i></p> <p><i>0.6 -1.0 papers per faculty member</i></p> <p><i>1.1 -1.5 papers per faculty member</i></p> <p><i>1.6 -2.0 papers per faculty member</i></p> <p><i>More than 2.0 papers per faculty member</i></p>			
			No marks	
			3 marks	
		1.14% <a href="#">Please see Annexure B1 – Page 49</a>	5 marks	5.0
			7 marks	
			9 marks	
B2.	<p><b>Research Impact (Maximum 5 marks)</b></p> <p><i>Percentage of faculty having h-index as 10 or more than 10 (to be obtained from Google Scholar )</i></p> <p><i>If 2 to 5 Percent</i></p> <p><i>If 6 to 10 Percent</i></p> <p><i>If 10 to 20 Percent</i></p> <p><i>If more than 20 Percent</i></p>			
			1 mark	
			2 marks	
			3 marks	
		25.00% <a href="#">Please see Annexure B2 – Page 57</a>	5 marks	5.0
B3.	<b>Research Excellence</b>			
(i)	<p><b>Patents granted during 2018 (Only patents granted along with proof to be listed as Annexure B3 (i)) (Maximum 6 marks)</b></p> <p><i>Per patent granted</i></p>			
		1 Patent <a href="#">Please see Annexure B3 (i) – Page 62</a>	2 mark limited to 6 marks	2.0
(ii)	<p><b>Varieties released (Maximum 6 marks)</b> (Varieties released by the Centre/State Government and notified in Gazette to be listed. (Copy of gazette notification to be enclosed as Annexure B3(ii))</p> <p>Or</p> <p><b>Breeds/technologies/vaccines developed/new strains of</b></p>	<ol style="list-style-type: none"> <li>1. DNA vaccine construct against <i>Edwardsiella tarda</i></li> <li>2. Technology for fish sausages using pangasius</li> <li>3. CIFEARGUNIL for treatment of <i>Argulus</i> parasite in fish</li> <li>4. Ready-to- eat snacks from pangasius mince</li> </ol>	6.0	6.0

	<b>bacteria/virus/parasite identified (Maximum 6 marks)</b> (Appropriate proof for development and adoption of technology to be enclosed as Annexure B3(ii)) Or <b>New Farm machinery &amp; tools developed during the year 2018</b> (Appropriate proof for development and adoption of machinery & tools to be enclosed as Annexure B3(ii))	5. CIFE-Ammonia Test Kit (commercialized) 6. CIFE Test Kit for Nitrite and Nitrate test kit (commercialized)  <i>Please see Annexure B3 (ii) – Page 63</i>		
(iii)	<b>Funds received through external competitive grants</b> (excluding ICAR development and KVK and AICRP) (Total amount) <b>(Maximum 3 marks)</b> 2-3 Crores 3 to 5 Crores More than 5 crore	Rs. 12.80 Crores <i>Please see Annexure B3 (iii) – Page 68</i>	1 mark 2 marks 3 marks	   <b>3.0</b>
(iv)	If PME Cell Established and functional <b>(Maximum 1 mark)</b>	Yes <i>Please see Annexure B3 (iv) – Page 69</i>	1 mark	<b>1.0</b>
<b>(C)</b>	<b>(C). EXTENSION AND OUTREACH (WEIGHTAGE 30% OR 30 MARKS)</b>			
<b>C1.</b>	<b>KVK Awards During 2018 (Maximum 4 marks)</b> (Attach Proof as Annexure C1) Zonal Award (one mark for each award) National Award (two marks for each award)	ICAR-CIFE does not have any KVK	 2 mark 2 marks	  <b>2.0</b> <b>2.0</b>
<b>C2.</b>	<b>Extension workers Award at State/National Level (by Government Agency) during 2018</b> (Proof to be enclosed as Annexure C2) <b>(Maximum 4 marks)</b> <b>State level Awards</b> 1-5 Awards More than 5 awards <b>National level awards</b> 1-3 Awards More than 3 awards	   1 Award <i>Please see Annexure C2 – Page 71</i>   4 Awards <i>Please see Annexure C2 – Page 71</i>	4 marks   1 mark 2 marks 1 mark 2 marks	   <b>1.0</b>   <b>2.0</b>



<b>C3.</b>	<b>Quality input supplied by University (seed, Semen, planting material etc. during 2018) (Maximum 2 marks)</b>			
	<i>More than 50,000-1,50,000 planting material</i>		<i>1 mark</i>	
	<i>More than 1,50,000 planting material Or</i>		<i>2 marks</i>	
	<i>Semen up to 10,000 doses</i>		<i>1 mark</i>	
	<i>10001 to 50,000 doses Or</i>		<i>2 marks</i>	
	<i>Breeder Seed (Cereals and Pulses) upto 200 quintals</i>		<i>1 mark</i>	
	<i>More than 200 quintals Or</i>		<i>2 marks</i>	
	<b>Fish Seed fingerlings supplied</b>			
	<i>10 Lakh to 1 Crore</i>		<i>1 mark</i>	
	<i>More than 1 Crore</i>	1.42 crores of fish seed/fingerling/ spawn etc. were supplied to farmers <i>Please see Annexure C3 – Page 72</i>	<i>2 marks</i>	<b>2.0</b>
<b>C4.</b>	<b>If one lakh soil samples are analysed per year. (Maximum 1 mark)</b>	4,281 water and soil samples were analyzed	<i>1 mark</i>	-
<b>C5.</b>	<b>Revenue generated through consultancies, certification, testing, tuition fee, licensing, training, sale of inputs and commercialization of technologies during FY 2018-19.</b> The details of revenue, head (item) wise, duly certified and signed by Comptroller of the University need to be listed as Annexure C5. The list should exclude the items listed in B3(iii) <b>(Maximum 10 marks)</b>			
	<i>5-10 % of University Budget</i>		<i>1 mark</i>	
	<i>10-20% of University Budget</i>	$(310.78/2844) \times 100 = 10.93\%$ <i>Please see Annexure C5 - 73</i>	<i>4 marks</i>	<b>4.0</b>
	<i>20-30% of University Budget</i>		<i>7 marks</i>	
	<i>More than 30% of University Budget</i>		<i>10 marks</i>	
<b>C6.</b>	<b>Number of inter-institutional collaborative projects obtained during 2018</b> (Proof to be enclosed as Annexure C6) <b>(Maximum 2 marks)</b>			
	<i>One project</i>		<i>1 mark</i>	
	<i>Two or more</i>	Three <i>Please see Annexure C6 – Page 74</i>	<i>2 marks</i>	<b>2.0</b>

<b>C7.</b>	<b>Partnership with Private Sector</b> (Proof to be enclosed as Annexure C7) (Maximum 1 mark)	Two <i>Please see Annexure C7 – Page 78</i>	<i>1 mark</i>	<b>1.0</b>
<b>C8.</b>	<b>Exchange of faculty (Sabbatical, Visiting Scientist, Adjunct Faculty) during 2018</b> (Proof to be enclosed as Annexure C8) (Maximum 2 marks)			
	Faculty coming from outside University	One <i>Please see Annexure C8 – Page 82</i>	<i>1 mark</i>	<b>1.0</b>
	Faculty of University going to other University	Two <i>Please see Annexure C8 – Page 82</i>	<i>1 mark</i>	<b>1.0</b>
<b>C 9</b>	<b>Number of Enterprises / start-ups promoted by the University (List is to be provided as Annexure C9)</b> (Maximum 2 marks)			
	1-2		1 mark	
	More than 2	Four <i>Please see Annexure C9 – Page 86</i>	2 marks	<b>2.0</b>
<b>C 10</b>	<b>Percentage of Students employed in Public/Private/Banking Sectors</b> (List is to be provided as Annexure C10) (Maximum 2 marks)			
	10 – 20 percent		1 mark	
	More than 20 percent	25.39% <i>Please see Annexure C10 – Page 94</i>	2 marks	<b>2.0</b>

# Annexures

## Number of students got admission in Master's program during 2018 through ICAR entrance examination



**ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION**  
(Deemed University), ICAR  
Panch Marg, Off Yari Road, Versova,  
Andheri (West), Mumbai-400061  
Tel. No. 022-26361446/7/8, Fax No. 022-26361573  
Web Site : www.cife.edu.in



F.No. 44-01/2018/PG

Dated : 06.11.2018

### SANCTION ORDER

The Director, ICAR-Central Institute of Fisheries Education is pleased to award Institute Fellowship to the following M.F.Sc. students admitted for the academic year 2018-19 @ Rs. 7,560/- per month and the foreign student will be getting the fellowship of Rs. 18,000/- Per month from 1<sup>st</sup> August 2018 or from the date of joining as mentioned below. The fellowship will be released on month to month basis on production of attendance certificate :

Sl. No.	Name of Student	Regn. No.	Category	Date of Joining	Institutional
<b>Fisheries Resource Management</b>					
1.	Mr. Chanikya Naidu Bezawada	FRM-MA-08-01	OBC	29.09.2018	Institutional
2.	Ms. Dhanalakshmi	FRM-MA-08-02	OBC	01.10.2018	Institutional
3.	Mr. Mahadev Vilas Nandoskar	FRM-MA-08-03	OBC	28.09.2018	Institutional
4.	Mr. Pritam Das	FRM-MA-08-04	SC	01.10.2018	JRF
5.	Ms. Renuka Uikey	FRM-MA-08-05	ST	28.09.2018	JRF
6.	Mr. Rinkesh N. Wanjari	FRM-MA-08-06	OBC	28.09.2018	Institutional
7.	Mr. Shiva Rajak	FRM-MA-08-07	SC	29.09.2018	Institutional
8.	Ms. Silpa S	FRM-MA-08-08	Gen	29.09.2018	JRF
<b>Aquaculture</b>					
9.	Mr. Avinash D. Gaikwad	AQC-MA-08-01	Gen	28.09.2018	Institutional
10.	Mr. Chigo Basar	AQC-MA-08-02	ST	01.10.2018	Institutional
11.	Mr. C.S.Sanjay	AQC-MA-08-03	SC	01.10.2018	Institutional
12.	Mr. Kalangi Venkata Ramaraju	AQC-MA-08-04	OBC	29.09.2018	Institutional
13.	Mr. Pranab Dihingia	AQC-MA-08-05	OBC	29.09.2018	Institutional
14.	Ms. Rida Riyaz Allayee	AQC-MA-08-06	Gen	29.09.2018	JRF
15.	Ms. Sanskruti Padra	AQC-MA-08-07	ST	29.09.2018	Institutional
16.	Mr. Subam Deb Roy	AQC-MA-08-08	Gen	01.10.2018	JRF
17.	Mr. Sumant Chandravanshi	AQC-MA-08-09	OBC	28.09.2018	Institutional
18.	Ms. Swarnaprava Mohapatra	AQC-MA-08-10	Gen	29.09.2018	Institutional
19.	Ms. Thejaswini	AQC-MA-08-11	OBC	28.09.2018	Institutional
20.	Mr. Udipta Roy	AQC-MA-08-12	SC	29.09.2018	JRF
21.	Mr. John Daudi (Tanzania)	AQC-MA-08-13	--	15.10.2018	ICAR-Fellow

<b>Post-Harvest Technology</b>					
22.	Mr. Bhuneshwar	PHT-MA-08-01	OBC	28.09.2018	Institutional
23.	Ms. Devadharshini	PHT-MA-08-02	OBC	01.10.2018	JRF
24.	Mr. Kime That	PHT-MA-08-03	ST	01.10.2018	Institutional
25.	Mr. Manivannan M	PHT-MA-08-04	OBC	01.10.2018	Institutional
26.	Mr. Rabinarayan Sahu	PHT-MA-08-05	Gen	29.09.2018	Institutional
27.	Ms. Sahana M.D.	PHT-MA-08-06	SC	29.09.2018	Institutional
28.	Mr. Somnath Saha	PHT-MA-08-07	SC	29.09.2018	JRF
<b>Fish Genetics &amp; Breeding</b>					
29.	Ms. Dani Rupa	FGB-MA-08-01	ST	29.09.2018	Institutional
30.	Ms. Laishram Soniya Devi	FGB-MA-08-02	OBC	01.10.2018	Institutional
31.	Mr. M. Ajithkumar	FGB-MA-08-03	OBC	01.10.2018	Institutional
32.	Ms. Mukkeri Kranthirekha	FGB-MA-08-04	OBC	01.10.2018	JRF
33.	Ms. Sarvepalli Venkata Saivarshini	FGB-MA-08-05	OBC	01.10.2018	Institutional
<b>Fish Biotechnology</b>					
34.	Ms. Amrita Mohanty	FBT-MA-08-01	Gen	01.10.2018	JRF
35.	Ms. Dara Poojitha	FBT-MA-08-02	SC	08.10.2018	Institutional
36.	Ms. Nahida Quayoom	FBT-MA-08-03	Gen	29.09.2018	Institutional
37.	Ms. Porkodi M	FBT-MA-08-04	OBC	01.10.2018	Institutional
38.	Mr. Pradeep A	FBT-MA-08-05	OBC	28.09.2018	Institutional
39.	Mr. Prathik M.R.	FBT-MA-08-06	Gen	28.09.2018	Institutional
<b>Aquatic Animal Health Management</b>					
40.	Ms. Bathina Prathibha	AAH-MA-08-01	OBC	01.10.2018	Institutional
41.	Mr. Debojit Dekari	AAH-MA-08-02	ST	29.09.2018	Institutional
42.	Mr. Lalruatfela	AAH-MA-08-03	ST	01.10.2018	Institutional
43.	Mr. Mahesh Surajlal Hajare	AAH-MA-08-04	OBC	28.09.2018	Institutional
44.	Ms. Manimozhi	AAH-MA-08-05	OBC	01.10.2018	Institutional
45.	Ms. Monalisha Kumar	AAH-MA-08-06	Gen	29.09.2018	Institutional
46.	Ms. Nasheeman Jabeen	AAH-MA-08-07	Gen	01.10.2018	JRF
47.	Mr. Naveenkumar R	AAH-MA-08-08	SC	01.10.2018	JRF
<b>Fisheries Economics</b>					
48.	Mr. Abhilash Thapa	FEC-MA-08-01	Gen	01.10.2018	JRF
49.	Ms. Bethsy Lalremtluangi	FEC-MA-08-02	ST	01.10.2018	Institutional
50.	Mr. Shyam Datta Waghmare	FEC-MA-08-03	SC	06.10.2018	Institutional
51.	Mr. Vansngewbha Lukas	FEC-MA-08-04	ST	29.09.2018	Institutional
52.	Mr. Sanjay Stephen Kalahasti	FEC-MA-08-05	OBC	09.10.2018	Institutional



<b>Fisheries Extension</b>					
53.	Ms. Akilandeshwari A.	FEX-MA-08-01	OBC	01.10.2018	Institutional
54.	Ms. Arthi	FEX-MA-08-02	OBC	01.10.2018	Institutional
55.	Ms. Naila Majid Bhat	FEX-MA-08-03	Gen	29.09.2018	JRF
56.	Ms. Nidhi Katre	FEX-MA-08-04	OBC	29.09.2018	Institutional
57.	Ms. Camelia Chattopadhyay	FEX-MA-08-05	Gen	08.10.2018	Institutional
<b>Aquatic Environment Management</b>					
58.	Ms. Abhisha Dey	AEM-MA-08-01	Gen	29.09.2018	JRF
59.	Mr. Angom Baleswor Singh	AEM-MA-08-02	SC	01.10.2018	Institutional
60.	Ms. Kangkana Das	AEM-MA-08-03	SC	29.09.2018	Institutional
61.	Ms. Pragati	AEM-MA-08-04	Gen	28.09.2018	Institutional
62.	Mr. Sudarshan S.	AEM-MA-08-05	OBC	01.10.2018	Institutional
63.	Mr. Vijay Kumar A.	AEM-MA-08-06	OBC	28.09.2018	Institutional
<b>Fish Nutrition &amp; Feed Technology</b>					
64.	Mr. Chandan G.M.	FNFT-MA-08-01	SC	28.09.2018	Institutional
65.	Ms. Nisha Chuphal	FNFT-MA-08-02	Gen	28.09.2018	Institutional
66.	Mr. Shivkumar	FNFT-MA-08-03	Gen	29.09.2018	Institutional
67.	Mr. Shubham Y. Komarewar	FNFT-MA-08-04	OBC	28.09.2018	Institutional
68.	Mr. Tanmoy KR Manna	FNFT-MA-08-05	Gen	29.09.2018	JRF
69.	Mr. Vijayakumar S. Mannur	FNFT-MA-08-06	OBC	28.09.2018	Institutional
<b>Fish Physiology &amp; Biochemistry</b>					
70.	Ms. Darivemula Asha	FPB-MA-08-01	SC	29.09.2018	Institutional
71.	Mr. Karthik R	FPB-MA-08-02	OBC	01.10.2018	Institutional
72.	Ms. Khumujam Sapana Devi	FPB-MA-08-03	OBC	01.10.2018	Institutional
73.	Mr. Mohammad Ashraf Malik	FPB-MA-08-04	Gen	29.09.2018	Institutional
74.	Mr. Rajan Kumar Behera	FPB-MA-08-05	Gen	01.10.2018	JRF
75.	Ms. Shrutika Suresh Gawade	FPB-MA-08-06	Gen	28.09.2018	Institutional

In addition to the fellowship contingent grant of Rs. 6,000/- per month per head also would be granted to carry out the Research work as per rules. They will be paid the Fellowship from the Institute fund for a period of three months or till the receipt of Fellowship amount from the Education Division whichever is earlier. The fellowship holders have to obtain prior approval from the guide as well as the Dean (Academic) for undertaking any tour and to submit the contingent vouchers for its reimbursement duly entered in the stock register maintained at the respective Laboratory and counter signed by the Guide on quarterly basis.

  
(Mahesh B Khubdikar)  
Deputy Registrar  
6/11/18

Copy to:

1. ADG (HRD-I), ICAR, KAB-II, New Delhi-12 for kind information. It is requested that the amount of Junior Research Fellowship be remitted at the earliest.
2. PS to Director, CIFE Mumbai.
3. Dean (Acad.)/Associate Dean (Acad.), CIFE, Mumbai.
4. Chief F & AO / F & A.O. / A.F & A.O./DDO, CIFE, Mumbai.
5. Cashier, CIFE Mumbai.
6. Mr. Raju Kamble, Dealing clerk, PG Section.

**List of the students got ICAR-JRF/SRF or equivalent Scholarship in 2018**

Sl No.	Number of students got ICAR-JRF/SRFs in 2018	Total number of Masters students passed out in 2018	Percentage (%)
1	34	63	53.96

S. No.	Name of the Student	JRF/SRFs
1.	Mr. Sangavi S.	ICAR-CIFE
2.	Mr. Sandeep Shankar Pattanaik	ICAR-CIFE
3.	Ms. Ritty Maria Thomas	ICAR-CIFE
4.	Mr. Ajoy Chutia	ICAR-CIFE
5.	Ms. Sanchita Naskar	ICAR-CIFE
6.	Mr. Avadootha Shivakrishna	ICAR-CIFE
7.	Mr. Kesavan S.	ICAR-CIFE
8.	Ms. Kanchi Bhargavi	ICAR-CIFE
9.	Mr. Ramakrishna Reddy P.	ICAR-CIFE
10.	Ms. Pooja Saklani	ICAR JRF/SRFs
11.	Ms. Kasturi Chattopadhyaya	ICAR-CIFE
12.	Ms. Barkha Rani Chetia	ICAR-CIFE
13.	Mr. Sambit Kisore Das	ICAR-CIFE
14.	Mr. Mohammed Akram J.S.	ICAR-CIFE
15.	Mr. Arul Murugan M	ICAR-CIFE
16.	Ms. Bharathi Rathinam R.	ICAR-CIFE
17.	Ms. Pushpa Kumari	ICAR-CIFE
18.	Mr. Dhayanath M.	ICAR-CIFE
19.	Mr. Akash J.S.	ICAR-CIFE
20.	Mr. Tapas Paul	ICAR-JRF/SRFs
21.	Mr. Chittaranjan Raul	ICAR-CIFE
22.	Mr. Sutanu Karmakar	ICAR-CIFE
23.	Mr. Manas Kumar Maiti	ICAR-CIFE
24.	Mr. Nitesh Gurung	ICAR-CIFE
25.	Mr. Dharmaraj Patro	ICAR-CIFE
26.	Ms. Arya P.	ICAR-CIFE
27.	Ms. Saumya Pandey	ICAR-CIFE
28.	Ms. Sonal Suman	ICAR-CIFE
29.	Ms. Safna P	ICAR-CIFE
30.	Mr. Sathiyarayanan A.	ICAR-CIFE
31.	Mr. Chinmaya Nanda	ICAR-CIFE
32.	Ms. Kukhrunelu Keyho	ICAR-CIFE
33.	Ms. Dhenuvakonda Kiranmayi	ICAR-CIFE
34.	Ms. Rajeshwaran M	ICAR-CIFE


## Students Performance at M.Sc. Level

M.F.Sc. (2016-2018 batch)		
S. No.	Name of the Discipline	No. of successful students
1.	AQUACULTURE (AQC)	10
2.	FISHERIES RESOURCE MANAGEMENT (FRM)	09
3.	POST-HARVEST TECHNOLOGY (PHT)	06
4.	AQUATIC ANIMAL HEALTH MANAGEMENT (AAHM)	08
5.	AQUATIC ENVIRONMENT MANAGEMENT (AEM)	04
6.	FISH NUTRITION AND FEED TECHNOLOGY (FNT)	03
7.	FISH PHYSIOLOGY AND BIOCHEMISTRY (FPB)	05
8.	FISH GENETICS AND BREEDING (FGB)	03
9.	FISH BIOTECHNOLOGY (FBT)	05
10.	FISHERIES ECONOMICS (FEC)	04
11.	FISHERIES EXTENSION (FEX)	06
Total		63

  
 परीक्षा नियंत्रक / Controller of Examinations  
 मा. कृ. उ. म. - केन्द्रीय मत्स्यिकी शिक्षा संस्थान  
 ICAR - Central Institute of Fisheries Education  
 (मान्यता प्राप्त विश्वविद्यालय / Deemed University, ICAR)

## Students Performance at Ph.D. Level

Ph.D. awarded during 1.01.2018 to 31.012.2018		
S. No.	Name of the Discipline	No. of Successful students
1.	AQUACULTURE (AQC)	11
2.	FISHERIES RESOURCE MANAGEMENT (FRM)	08
3.	POST-HARVEST TECHNOLOGY (PHT)	06
4.	AQUATIC ANIMAL HEALTH MANAGEMENT (AAH)	04
5.	AQUATIC ENVIRONMENT MANAGEMENT (AEM)	02
6.	FISH NUTRITION AND FEED TECHNOLOGY (FNT)	03
7.	FISH PHYSIOLOGY AND BIOCHEMISTRY (FPB)	03
8.	FISH GENETICS AND BREEDING (FGB)	02
9.	FISH BIOTECHNOLOGY (FBT)	04
10.	FISHERIES ECONOMICS (FEC)	01
11.	FISHERIES EXTENSION (FEX)	02
12.	FISHERIES BUSINESS MANAGEMENT (FBM)	01
Total		47

  
 परीक्षा नियंत्रक / Controller of Examinations  
 भा.क.अनु.व.-केन्द्रीय मत्स्यिकी शिक्षा संस्थान  
 ICAR - Central Institute of Fisheries Education  
 (समस्तुन्य विश्वविद्यालय / Deemed University, ICAR)  
 वरसोवा, मुंबई / Versova, Mumbai - 400 061.



## List of the students got admission in Ph.D. in 2018 through ICAR/ICAR CIFE entrance exam

Sl No.	Number of students got admission in Ph.D. in 2018 through ICAR entrance	Total number of masters students passed out in 2018	Percentage (%)
1	33	63	52.38

S. No.	Name of the Student	Regn. No.	Discipline
1.	Mr. Sangavi S.	AQC-PA8-01	Aquaculture
2.	Mr. Sandeep Shankar Pattanaik	AQC-PA8-02	Aquaculture
3.	Ms. Ritty Maria Thomas	AQC-PA8-03	Aquaculture
4.	Mr. Ajoy Chutia	AQC-PA8-04	Aquaculture
5.	Ms. Sanchita Naskar	AQC-PA8-08	Aquaculture
6.	Mr. Avadootha Shivakrishna	FRM-PA8-01	Fisheries Resource Management
7.	Mr. Kesavan S.	FRM-PA8-04	Fisheries Resource Management
8.	Ms. Kanchi Bhargavi	FRM-PA8-11	Fisheries Resource Management
9.	Ms. Kasturi Chattopadhyay	PHT-PA8-01	Post-Harvest Technology
10.	Mr. Ramakrishna Reddy P.	PHT-PA8-02	Post-Harvest Technology
11.	Mr. Mohammed Akram J.S.	PHT-PA8-03	Post-Harvest Technology
12.	Ms. Barkha Rani Chetia	PHT-PA8-04	Post-Harvest Technology
13.	Mr. Sambit Kisore Das	PHT-PA8-05	Post-Harvest Technology
14.	Ms. Pooja Saklani	PHT-6622	Post-Harvest Technology
15.	Mr. Arul Murugan M	AAH-PA8-01	Aquatic Animal Health Management
16.	Ms. Bharathi Rathinam R.	AAH-PA8-02	Aquatic Animal Health Management
17.	Ms. Pushpa Kumari	AAH-PA8-03	Aquatic Animal Health Management
18.	Mr. Dhayanath M.	AAH-PA8-04	Aquatic Animal Health Management
19.	Mr. Akash J.S.	AAH-PA8-05	Aquatic Animal Health Management
20.	Mr. Chittaranjan Raul	AEM-PA8-01	Aquatic Environment Management
21.	Mr. Sutanu Karmakar	AEM-PA8-02	Aquatic Environment Management
22.	Mr. Manas Kumar Maiti	FNT-PA8-01	Fish Nutrition And Feed Technology
23.	Mr. Nitesh Gurung	FNT-PA8-03	Fish Nutrition And Feed Technology
24.	Mr. Dharmaraj Patro	FPB-PA8-01	Fish Physiology And Biochemistry
25.	Ms. Arya P.	FPB-PA8-02	Fish Physiology and Biochemistry
26.	Ms. Saumya Pandey	FGB-PA8-01	Fish Genetics and Breeding
27.	Ms. Sonal Suman	FBT-PA8-01	Fish Biotechnology
28.	Ms. Safna P	FBT-PA8-02	Fish Biotechnology
29.	Mr. Sathiyarayanan A.	FBT-PA8-03	Fish Biotechnology
30.	Mr. Chinmaya Nanda	FEX-PA8-01	Fisheries Extension
31.	Ms. Kukhrunelu Keyho	FEX-PA8-03	Fisheries Extension
32.	Ms. Dhenuvakonda Kiranmayi	FEX-PA8-04	Fisheries Extension
33.	Ms. Rajeshwaran M	FEX-PA8-05	Fisheries Extension

Percentage of students qualified NET Exam in the disciplines of Agriculture and allied Sciences during 2018

Sl. No.	Number of students qualified NET in the disciplines of agriculture and allied sciences	Total number of PG and PhD students	Percentage (%)
1	90	110	81.81

S. No.	Name of the student	Discipline
1.	Mr. Sandeep Shankar Pattnaik	Aquaculture
2.	Mr. Sunumol P S	Aquaculture
3.	Ms. Sanchita Naskar	Aquaculture
4.	Ms. Sangavi S	Aquaculture
5.	Ms. Meenu Devassykutty	Aquaculture
6.	Ms. Mamatha Desari	Aquaculture
7.	Mr. Manmohan Kumar	Aquaculture
8.	Mr. Siju R	Aquaculture
9.	Mr. Rohitash Yadav	Aquaculture
10.	Ms. Hougina Panmei	Aquaculture
11.	Ms. Jess Maria Wilson	Aquaculture
12.	Ms. Iffat Jahan	Aquaculture
13.	Ms. Nageswari P	Aquaculture
14.	Mr. Shyam Kumar	Aquaculture
15.	Ms. Sanitha Sasseendaran	Aquaculture
16.	Mr. Naresh Raj Keer	Aquaculture
17.	Mr. Chitta Ranjan Raul	Fisheries Resources Management
18.	Mr. Sutanu Karmakar	Fisheries Resources Management
19.	Mr. Tapas Paul	UGC NET (Environmental Sciences)
20.	Mr. Ashutosh Kumar Singh	Fisheries Resources Management
21.	Mr. Aswathi Ashokan	Fisheries Resources Management
22.	Ms. Priyanka Sahu	Fisheries Resources Management
23.	Mr. Vikas Sahu	Fisheries Resources Management
24.	Mr. Manickavasagam S	Fisheries Resources Management
25.	Mr. Suraj Kumar Pradhan	Fisheries Resources Management
26.	Mr. Abuthagir Ibrahlim	Fisheries Resources Management
27.	Mr. Srihari Murugesan	Fisheries Resources Management
28.	Mr. Rinchen Nopu Bhutia	Fisheries Resources Management
29.	Mr. Satish Chennuri	Fisheries Resources Management
30.	Mr. Imtiaz Ahmed	Fisheries Resources Management
31.	Ms. Suman Takar	Fisheries Resources Management
32.	Mr. Dayal Devdas	Fisheries Resources Management
33.	Mr. Abhijit Mallik	Fisheries Resources Management
34.	Ms. Chellamanimegalai P.	Fisheries Resources Management

*Abhishek*

35.	Mr. Avadootha Shivakrishna	Fisheries Resources Management
36.	Ms. Neethu Jose	Fisheries Resources Management
37.	Mr. Kesavan S.	Fisheries Resources Management
38.	Ms. Jenishma J. S.	Fisheries Resources Management
39.	Mr. Amom Mahendrajit	Fisheries Resources Management
40.	Mr. Kabin Medhi	Fisheries Resources Management
41.	Ms. K. Bhargavi	Fisheries Resources Management
42.	Ms. Jerusha S.	Fish Processing Technology
43.	Ms. Lekshmi S.	Fish Processing Technology
44.	Mr. Dipin K.M.	Fish Processing Technology
45.	Mr. Subal Kumar Gosh	Fish Processing Technology
46.	Mr. P Ramakrishna Reddy	Fish Processing Technology
47.	Ms. Kasturi Chattopadhyay	Fish Processing Technology
48.	Mr. Sambit K Das	Fish Processing Technology
49.	Ms. Barkha Rani Chetia	Fish Processing Technology
50.	Mr. Mohd. Akram Javith S	Fish Processing Technology
51.	Mr. B. Madhusudhana Rao	Fish Health
52.	Mr. Zahoor Mustaq	Fish Health
53.	Mr. Pangambam Ingoba Meitei	Fish Health
54.	Ms. Judiana Nongkynrih	Fish Health
55.	Mr. Arul Murugan M.	Fish Health
56.	Ms. Bharathi Ratinam R.	Fish Health
57.	Ms. Pushpa Kumari	Fish Health
58.	Mr. Akash J.S.	Fish Health
59.	Mr. Dharmaraj Patra	Fish Nutrition
60.	Ms. Arya P	Fish Nutrition
61.	Mr. Diganta Chetia	Fish Nutrition
62.	Mr. Munish Kumar	Fish Nutrition
63.	Mr. Gyandeep Gupta	Fish Nutrition
64.	Ms. Jainie Jashwanti	Fish Nutrition
65.	Ms. Sraddhanjali Sahoo	Fish Nutrition
66.	Mr. Manas K Maiti	Fish Nutrition
67.	Mr. Prashant Jana	Fish Nutrition
68.	Mr. Sheikh Irfan Rasool	Fish Nutrition
69.	Mr. Yogananda T.	Fish Nutrition
70.	Mr. Chetan Kumar Garg	Fish Nutrition
71.	Ms. Shweta Meshram	Fish Nutrition
72.	Ms. Sneha Surendran	Fish Genetics and Breeding
73.	Ms. Riya Kumari	Fish Genetics and Breeding
74.	Ms. Nilangana Kalita	Fish Genetics and Breeding
75.	Mr. N. Zanthung Yanthan	Fish Genetics and Breeding
76.	Ms. Saumya Pandey	Fish Genetics and Breeding
77.	Ms. Bhumika Arora	Fish Genetics and Breeding
78.	Mr. Utsa Roy	Fish Genetics and Breeding
79.	Ms. Archana Mishra	Fish Genetics and Breeding
80.	Ms. Sonal Suman	Fish Genetics and Breeding
81.	Mr. Sathiyarayanan A.	Fish Genetics and Breeding
82.	Ms. Safna P.	Fish Genetics and Breeding
83.	Mr. Suman Dey	Agriculture Extension
84.	Mr. Sambit Priyadarshi	Agriculture Extension
85.	Mr. Rajeshwarn	Agriculture Extension
86.	Mr. Rajpal Yadav	Agriculture Extension
87.	Mr. Velumani T.	Agriculture Extension

*Aditya*

88.	Ms. Dileshwari Ratre	UGC-NET Adult and Continuing Education and Extension
89.	Ms. Tenji Pem Bhutia	Agriculture Economics
90.	Ms. Gomathy V.	Agriculture Economics

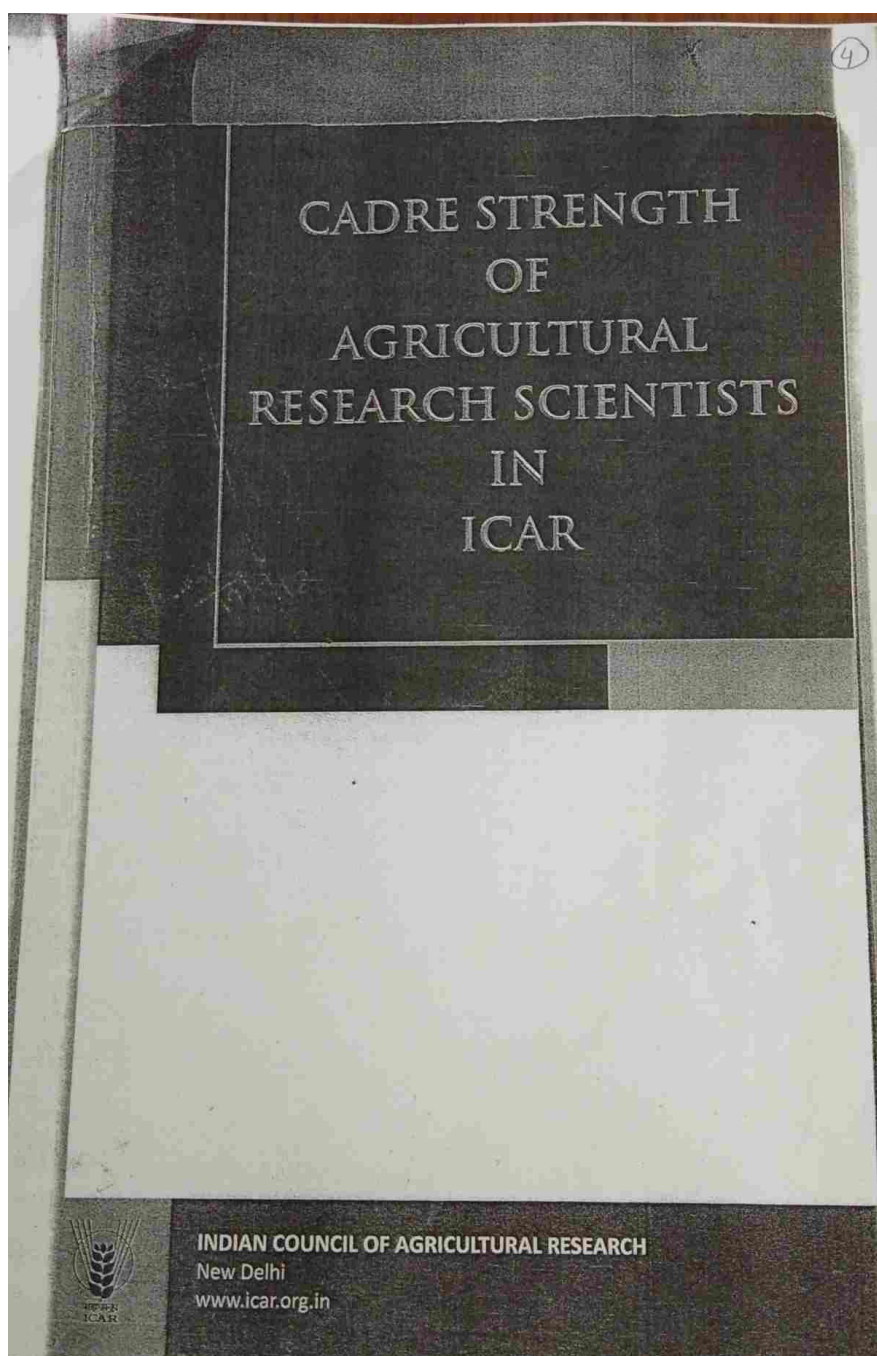
*Ashutosh*  
Ashutosh Kumar Singh  
(PGSSU PRESIDENT)



Percentage of faculty positions filled in teaching, research extension,  
KVK, AICRP & at regional stations

**Faculty Position as on 01.01.2018**

	Sanctioned	In Position	% of Filled
Colleges	104	84	80.77
Research Centres			
AICRP			
KVKs			
<b>Total</b>	<b>104</b>	<b>84</b>	<b>80.77</b>



### 6.3 Central Institute of Fisheries Education, Mumbai (Maharashtra)

Sl. No.	Name of Discipline	Revised Cadre Strength			
		Scientist	Senior Scientist	Principal Scientist	Total
1.	Agricultural Chemicals	1	1	1	3
2.	Agricultural Economics	1	1	1	3
3.	Agricultural Extension	1	1	1	3
4.	Agricultural Statistics	1	1	1	3
5.	Agricultural Structure & Environmental Management	1	1	0	2
6.	Animal Biochemistry	1	2	1	4
7.	Animal Biotechnology	2	3	1	6
8.	Animal Physiology	1	0	0	1
9.	Aquaculture	3	2	1	6
10.	Economic Botany	1	1	0	2
11.	Fish Genetics & Breeding	4	2	1	7
12.	Fish Health	7	6	1	14
13.	Fish Nutrition	4	2	1	7
14.	Fish Processing Technology	3	1	1	5
15.	Fisheries Resource Management	5	4	2	11
16.	Soil Science	2	1	0	3
17.	Flexi Disciplines	0	4	0	4
	<b>Sub Total</b>	<b>38</b>	<b>33</b>	<b>13</b>	<b>84</b>

#### Regional Centre, Kolkata, West Bengal


1.	Agricultural Chemicals	1	0	0	1
2.	Agricultural Extension	1	0	0	1
3.	Aquaculture	1	0	0	1
4.	Fish Nutrition	1	0	0	1
5.	Fish Processing Technology	1	0	0	1
6.	Fisheries Resource Management	1	0	1	2
	<b>Sub Total</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>7</b>

Sl. No.	Name of Discipline	Revised Cadre Strength			
		Scientist	Senior Scientist	Principal Scientist	Total
Regional Centre, Kakinada, Andhra Pradesh					
1.	Agricultural Extension	0	1	0	1
2.	Aquaculture	1	0	1	2
3.	Fish Nutrition	1	0	0	1
4.	Soil Science	0	1	0	1
	Sub Total	2	2	1	5
Regional Centre, Powerkheda, Madhya Pradesh					
1.	Aquaculture	1	1	1	3
2.	Fish Genetics & Breeding	1	0	0	1
3.	Fish Nutrition	0	1	0	1
	Sub Total	2	2	1	5
Regional Centre, Rohtak, Haryana					
1.	Aquaculture	1	0	1	2
2.	Fisheries Resource Management	1	0	0	1
	Sub Total	2	0	1	3
Grand Total		50	37	17	104

## National and International awards (earned by Faculty) in 2018

List of National/International awards/funding				
International awards				
S.No.	Name of the faculty	Name of award	Agency/ bodies/ society presenting award	Date
1.	Dr. N. P. Sahu	Awarded grant for attending International Seminar on Rice Bran as Animal Feed 2018, hosted by Dept. of Animal Nutrition, Bangladesh Agricultural University, Mymensingh -2202, Bangladesh	Bangladesh Agricultural University, Bangladesh	5-6 July, 2018
2.	Dr. Arpita Sharma	Awarded grant for attending "Fifth International Fishing Industry Safety & Health IFISH Conference" at St. John's, Newfoundland and Labrador, Canada	United Nations Food and Agriculture Organization (UN FAO)	10-13 June, 2018
3.	Dr. Arpita Sharma	Awarded fellowship for attending the conference as Co-chair for special session on "Bringing Gender Discourse in Fisheries Economics and Trade, Gender Economics Research in Fisheries and Aquaculture: New Challenges and Opportunities.", in the International Institute of Fisheries Economics & Trade (IIFET) Conference, 2018, 16-20th July, 2018 at Seattle, USA	Oregon State University, USA	16-20 July, 2018
4.	Dr. Arpita Sharma	International fellowship for attending conference was awarded and invited as Chair for the session on "Gender Assessments in Fisheries and Aquaculture in the Gender" in Aquaculture and Fisheries Global Conference -GAF 7 at AIT, Bangkok, Thailand from 18 - 20 October 2018	Gender in Aquaculture and Fisheries- (GAF-7)	18-20 October 2018
5.	Dr. P. S. Ananthan	Received travel fellowship for attending 7 <sup>th</sup> Global Conference on Gender in Aquaculture and Fisheries-GAF 7 at AIT, Bangkok, Thailand	Gender in Aquaculture and Fisheries- (GAF-7)	18-20 October 2018
National awards				
S.No.	Name	Name of award	Awarded by	Date
1.	Dr. B.K. Mahapatra	Bharat Ratna Mother Teresa Gold Medal Award for outstanding individual achievement in education and research from in Chennai on 23 June, 2018	Global Economic Progress & Research Association, New Delhi	23 June, 2018
2.	Dr. Gayatri Tripathi	Letter of appreciation	National Coordinator, NAHEP, ICAR, New Delhi	30 January, 2018





# International Seminar **RICE BRAN AS ANIMAL FEED '2018'**

To  
Dr. Narottam Prasad Sahu  
Principal Scientist & Head  
Division of Fish Nutrition, Biochemistry & Physiology  
Central Institute of Fisheries Education  
ICAR-CIFE  
Mumbai, INDIA

Dated: 28/05/2018

## Letter of Invitation

Dear Dr. Narottam Prasad Sahu,  
I am pleased to invite you as a guest speaker in the upcoming **International Seminar on Rice Bran as Animal Feed 2018** which will held on 5-6 July, 2018, at Syed Nazrul Islam Conference Hall, Bangladesh Agricultural University, Mymensingh, Bangladesh.  
For more details please visit <http://an.bau.edu.bd/pages/view/Mzg4>.

It is mentionable that your registration, accommodation and local transport will be arranged from the seminar budget. Also lump sum air fare will be covered from the similar source.

We are looking forward to receiving you at Bangladesh Agricultural University campus.

Best Regards



Prof. Dr. Khan Md. Shaiful Islam  
Head  
Department of Animal Nutrition  
Bangladesh agricultural University  
Mymensingh-2202, Bangladesh  
and  
Convener  
Seminar Organizing Committee  
Email: [kmsislam@bau.edu.bd](mailto:kmsislam@bau.edu.bd)  
[kmsislam1@yahoo.com](mailto:kmsislam1@yahoo.com)

**International Institute of  
Fisheries Economics  
& Trade**



**Executive Committee:**

Claire Armstrong, President  
UiT The Arctic University of Norway  
Norway

Sean Pascoe, President Elect  
CSIRO  
Australia

Hazel Curtis  
SeaFish  
UK

Richard S. Johnston, Ex-Officio  
Oregon State University (Emeritus)  
USA

Viktor Kahu  
University of Otago  
New Zealand

Douglas Lipton  
NOAA Fisheries/NMFS  
USA

Paul Onyango  
University of Dar es Salaam  
Tanzania

Silvia Salas  
Cinvestav Merida  
Mexico

Olivier Thébaud  
IFREMER UMR AMURE  
France

Nobuyuki Yagi  
The University of Tokyo  
Japan

**IIFET Secretariat**

Ann L. Shriver, Executive Director  
Dept. of Applied Economics  
Oregon State University  
Corvallis, Oregon  
97331-3601  
USA

**Telephone**  
541 + 737 + 1416  
**Fax**  
541 + 737 + 2563

**Website**  
IIFET.org

**E-mail**  
Ann.L.Shriver@oregonstate.edu  
Iifet@oregonstate.edu

Dr. Arpita Sharma  
Principal Scientist  
ICAR-Central Institute of Fisheries Education  
Panch Mang, Versova  
Mumbai – 400061, India

May 30<sup>th</sup>, 2018

Dear Arpita Sharma,

Congratulations! Your paper (ID #197) entitled "Ergonomics Evaluation of Occupational Workload of Women in Fish Trade" has been selected for presentation at the IIFET 2018 Seattle conference.

You are therefore cordially invited to attend the IIFET 2018 Seattle conference in Seattle, Washington, USA, July 16-20, 2018, to present your research. We also invite you to co-chair the special session "Bringing Gender Discourse in Fisheries Economics and Trade, Gender economics research in fisheries and aquaculture: new challenges and opportunities."

To facilitate your participation we are providing you with your airfare (ticket already purchased) and free conference registration. We hope that you will be able to identify additional support to cover your lodging and other expenses from other agencies.

The address of the conference lodging is:  
Lander Hall  
1201 NE Campus Parkway  
Seattle, WA 98105

The contact point for the conference is:  
Debra Bryant  
University of Washington  
Box 359490  
Seattle, WA 98195  
206-616-1902  
[debryant@uw.edu](mailto:debryant@uw.edu)

For further information, please refer to the conference website at <https://www.xndsystems.com/iifet/website/>, email Dr. Chris Anderson at [cmmand@uw.edu](mailto:cmmand@uw.edu) or email/call Ann Shriver at [Ann.L.Shriver@oregonstate.edu](mailto:Ann.L.Shriver@oregonstate.edu).

Sincerely,

Ann L. Shriver  
Executive Director  
International Institute of Fisheries Economics & Trade



**GENDER IN AQUACULTURE AND FISHERIES: EXPANDING THE HORIZONS**

**7th Global Conference on Gender in Aquaculture & Fisheries (GAF7)**

**18-21 October 2018 @ Asian Institute of Technology, Thailand.**

30 August 2018

Arpita Sharma  
Principal Scientist  
ICAR-Central Institute of Fisheries Education  
Mumbai, India

*Re: Invitation to participate in 7th Global Conference on Gender in Aquaculture & Fisheries*

Dear Dr. Arpita Sharma,

You are invited to present your paper entitled "Bringing the Gender Considerations at the Centre of Fisheries Education Agenda" for the 7th Global Conference on Gender in Aquaculture and Fisheries GAF 7: Expanding the Horizons, 18-21, 2018 at Asian Institute of Technology (AIT), Bangkok, Thailand. We also invite you to co-chair the special session "Bringing Gender Discourse in Fisheries Education."

To facilitate your participation we are providing you a grant of USD 750, of which we will pay USD 325 directly as your registration fee. The balance will be given to you as a travel and accommodation grant in cash on your attendance at the conference at AIT.

We look forward very much to your participation in Bangkok to help make GAF7 a great success.

Sincerely,

Meryl J Williams Ph D, FTSE (Australia),  
Hon. Life Member AFS,  
Co-Chair, GAF7 Organizing Committee

Kyoko Kusakabe, Professor,  
Asian Institute of Technology,  
Co-Chair, GAF7 Organising Committee





सर्वोच्च शासन  
GOVERNMENT OF INDIA  
कृषि विभाग  
MINISTRY OF AGRICULTURE & FARMERS WELFARE  
कृषि अनुसंधान एवं शिक्षा विभाग  
DEPARTMENT OF AGRICULTURAL RESEARCH & EDUCATION  
कृषि भवन नई दिल्ली - 110 001  
KRISHI BHAVAN, NEW DELHI-110001.

F.No.10/32/2018-IC-IV

Dated the 16<sup>th</sup> October, 2018

To

The Director,  
ICAR - CIFE,  
Mumbai

**Subject: Foreign visit of (i) Dr. Arpita Sharma, Pr. Scientist, ICAR-Central Institute of Fisheries Education, Mumbai and (ii) Dr. P.S. Ananthan, Sr. Scientist, ICAR-Central Institute of Fisheries Education, Mumbai to participate in the 7<sup>th</sup> Global Conference on Gender in Aquaculture and Fisheries (GAF7) scheduled to be held at Bangkok, Thailand during 18<sup>th</sup> October, 2018 to 21<sup>st</sup> October, 2018 (excluding journey time)-Regarding.**

Sir/Madam,

I am directed to convey the approval of the competent authority of this department for the deputation of (i) **Dr. Arpita Sharma**, Pr. Scientist, ICAR-Central Institute of Fisheries Education, Mumbai and (ii) **Dr. P.S. Ananthan**, Sr. Scientist, ICAR-Central Institute of Fisheries Education, Mumbai to participate in the 7<sup>th</sup> Global Conference on Gender in Aquaculture and Fisheries (GAF7) scheduled to be held at Bangkok, Thailand during 18<sup>th</sup> October, 2018 to 21<sup>st</sup> October, 2018 (excluding journey period). Further, the said visits will be treated as Official Visits.

2. So far as expenditure is concerned, Dr. Arpita Sharma has received a travel grant of USD 750 from the organizers and Dr. Ananthan has received a travel support of USD 150 from the organizers and all other expenses related to their visits will be borne by the Scientists themselves. Hence there will be no financial liability on the part of DARE/ICAR/Instt.

3. They may be relieved after completing pre-departure formalities. They may be directed to submit the deputation report directly to ADG (Coordination), ICAR, New Delhi within one month of their return from tour under intimation to this department.

Yours faithfully,

(Prem Prakash Maurya)

Under Secretary to the Government of India  
Tel No.23382786/E-mail:ic4.icar@nic.in

Copy for information to:-

- i. DDG (FS) ICAR, Krishi Anusandhan Bhawan, New Delhi
- ii. **Dr. Arpita Sharma**, Pr. Scientist, ICAR-Central Institute of Fisheries Education, Mumbai
- iii. **Dr. P.S. Ananthan**, Sr. Scientist, ICAR-Central Institute of Fisheries Education, Mumbai
- iv. Under Secretary (Coordination), DARE, Krishi Bhawan, New Delhi.
- v. NIC-DARE, Cell / Guard File.

(Prem Prakash Maurya)

Under Secretary to the Government of India

**GLOBAL ECONOMIC PROGRESS & RESEARCH ASSOCIATION**



**GEPR  
NEW DELHI**

**"BHARAT RATNA MOTHER TERESA GOLD MEDAL AWARD"**



*presented to*

**Dr. B.K.MAHAPATRA**



**Excellence in his/her respective field**

on the occasion of 54<sup>th</sup> National Unity Conference on

**"National Economic Growth Through Individual Contribution"**

on 23<sup>rd</sup> June 2018, Chennai.

  
**Dr. I.S. BASHA**  
General Secretary  
GEPR OF INDIA



Dr. Rama Sharma &lt;ramasharma@cife.edu.in&gt;

**Fwd: Appreciation letter**

1 message

Dr. Gopal Krishna &lt;gopalkrishna@cife.edu.in&gt;

Mon, Jun 3, 2019 at 12:14 PM

To: "Dr. N.P. Sahu" &lt;npsahu@cife.edu.in&gt;, "Dr. Rama Sharma" &lt;ramasharma@cife.edu.in&gt;

----- Forwarded message -----

From: **PK Ghosh** <pkgiipr@gmail.com>

Date: Tue, 30 Jan, 2018, 16:59

Subject: Appreciation letter

To: Dr. Gopal Krishna &lt;gopalkrishna@cife.edu.in&gt;

Dear Dr. Gopal Krishna

PI find attachment

Regards

PKGhosh

NC, NAHEP

--

Dr. P.K. Ghosh FNAAS, FNASc, FISA, FISPP, FWAST,

National Coordinator, NAHEP,

Former Director ICAR - IGFR, Jhansi

011-25848772 (O)

Email: pkgiipr@gmail.com, ghosh\_pk2006@yahoo.com

**Appreciation letter.docx**  
15K

**National Agricultural Higher Education Project  
(Indian Council of Agricultural Research)  
Krishi Anusandhan Bhawan- II  
Pusa, New Delhi-110012**

**Dr. P. K. Ghosh**  
**National Coordinator, NAHEP**

**Dated: 30/01/2018**

Dear Dr. Gopal Krishna

Thank you and your team very much for all kind of help for strengthening the project proposal on CAAST submitted by your Institute. I appreciate the effort made by **Dr. Gyatri Tripathi, Nodal Officer** of the Project since initiation of the project and her dedication to address all our query timely & properly and revision of the proposal, not only to our expectation but also highly impressive to the technical committee and PMC as well. She deserves appreciation

In fact I suggest that since this is a high value project and involvement of such a dedicated worker will definitely add value to the project in long run, being a nodal officer for NAHEP from your institute side, she should find a place in the core team as Assistant-PI in the final proposal submission.

I look forward for your kind cooperation in future for smooth functioning of the project

**With regards****(P.K.Ghosh)**

Best Institution/ University Awarded by ICAR in 2018



## INDIAN COUNCIL OF AGRICULTURAL RESEARCH

### Ranking of Agricultural Universities 2017

This is to certify that

ICAR-Central Institute of Fisheries Education, Mumbai

is ranked Number 7 amongst Agricultural Universities

(N.S. Rathore)  
Dy Director General (Edn)

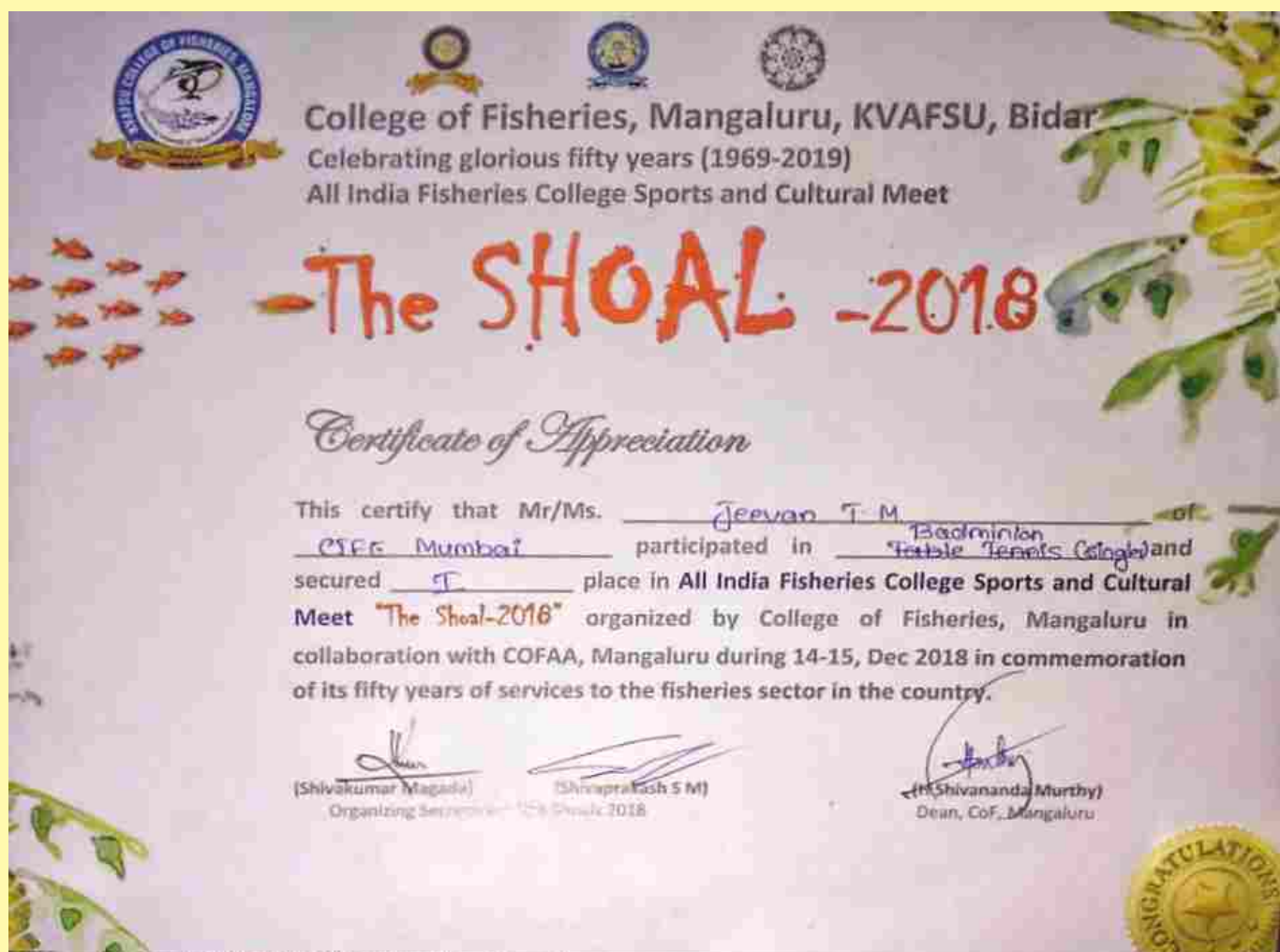
16 July 2018, New Delhi

(Trilochan Mohapatra)  
Director General

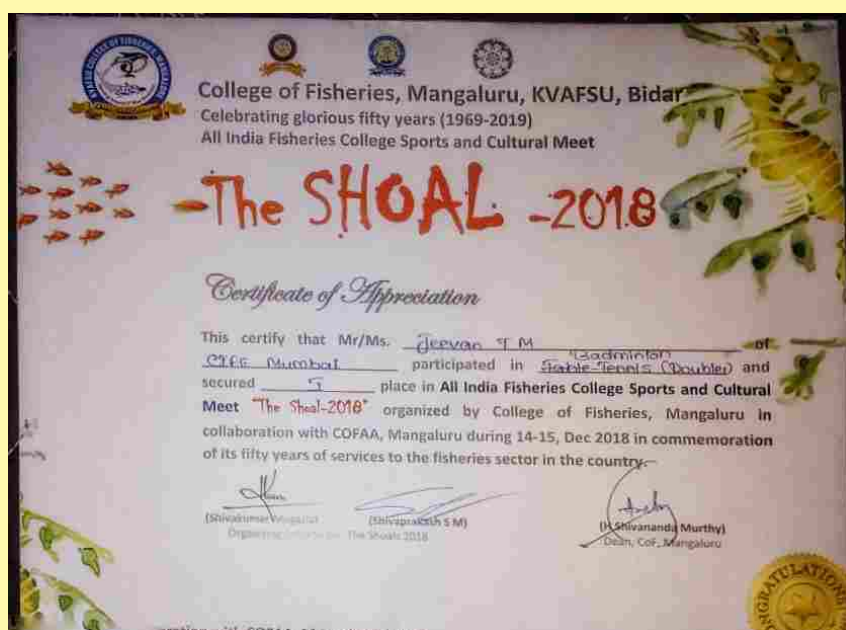


## Award in All India Youth Festival or All India Agri. University, Sports Meet in 2018

S.No.	Name of the student	Event	Awarded during	Position
1.	Mr. Jeevan T. M.	Badminton singles	All India Fisheries College Cultural and Sports Meet, Mangalore December 2018	First
2.	Mr. Jeevan T. M.	Swimming		Third
3.	Mr. Prathik and Mr. Jeevan	Badminton doubles		First
4.	Gopika Radhakrishnan	English debate		First
5.	Avinash Gaikwad and Chanikya Naidu	Quiz		First



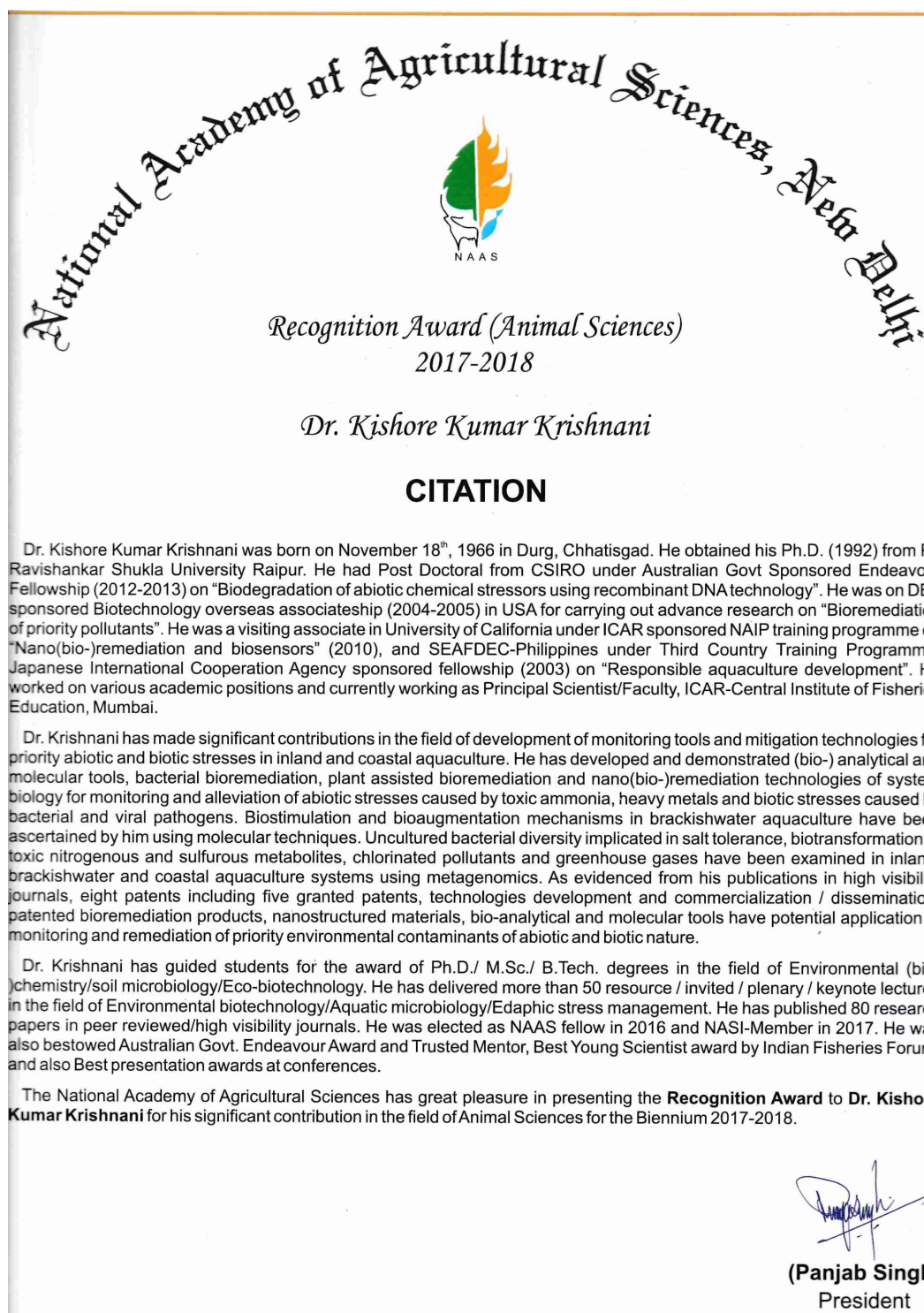






Fellowship or Associateship of National Science academics  
(NAAS, INSA, NAS, NAMS, INAE achieved during 2018)

S. No.	Name of faculty	Name of organization
1.	Dr. K.K. Krishnani	National Academy of Agricultural Sciences, New Delhi, Recognition Award for contribution in Animal Sciences 2017-18



List of faculty members with Ph.D. degrees obtained from universities from outside of the state where employed

SI No.	Number of faculty with Ph.D. degrees obtained from universities from outside of the state where employed	Total number of faculty	Percentage (%)
1	40	84	47.62

S. No.	Name of the Faculty	Educational Qualification	Ph.D. Discipline	Name of the University and Place	State
1.	Dr. Gopal Krishna	Ph.D. (2000)	Animal Science	Rohilkhand University, Bareilly	Uttar Pradesh
2.	Dr. N. P. Sahu	Ph.D. (2002)	Animal Nutrition	IVRI, Izatnagar	Uttar Pradesh
3.	Dr. N. K. Chadha	Ph.D. (2001)	Bioscience	M.D. University, Rohtak	Haryana
4.	Dr. K. V. Rajendran	Ph.D. (1992)	Zoology	Calicut University	Kerala
5.	Dr. Aparna Chaudhari	Ph.D. (1998)	Life Sciences	Kanpur University	Uttar Pradesh
6.	Dr. Binaya Bhusan Nayak	Ph.D. (1995)	Fishery Microbiology	UAS Bangalore	Karnataka
7.	Dr. K. K. Jain	Ph.D. (1981)	Zoology	Agra University	Uttar Pradesh
8.	Dr. Neelam Saharan	Ph.D. (1986)	Dairy Chemistry	Kurukshetra University	Haryana
9.	Dr. Kiran Dube Rawat	Ph.D. (1986)	Zoology - Life Sciences	Bhopal University	Madhya Pradesh
10.	Dr. S. N. Ojha	Ph.D. (1989)	Agriculture Extension	IARI, Delhi	New Delhi
11.	Dr. B.K. Mahapatra	Ph.D. (1996)	Zoology	University of Calcutta	West Bengal
12.	Dr. Naresh S. Nagpure	Ph.D. (2000)	Animal Genetics	IARI, Izatnagar	Uttar Pradesh
13.	Dr. Kishore Kumar Krishnani	Ph.D.(1992)	Chemistry	Pt. Ravi Shankar University, Raipur	Chhattisgarh
14.	Dr. Geetanjali Deshmukhe	Ph.D. (1993)	Life Science (Botany)	Hokkaido University	Japan
15.	Dr. S. Jahageerdar	Ph.D. (1995)	Animal Genetics & Breeding	UAS, Bangalore	Karnataka
16.	Dr. V. K. Tiwari	Ph.D. (2003)	Limnology (Life Science)	Barkatullah University, Bhopal	Madhya Pradesh
17.	Dr. G. H. Pailan	Ph.D. (1996)	Animal Nutrition	NDRI, Karnal	Haryana
18.	Dr. Arpita Sharma	Ph.D. (2003)	Home Science	Tilaka Maji Bhagalpur University	Bihar
19.	Dr. K. Pani Prasad	Ph.D. (2005)	Applied Aquaculture	Barkatullah University, Bhopal	Madhya Pradesh
20.	Dr. P. P. Srivastava	Ph.D. (1999)	Zoology	Purvanchal	Uttar Pradesh

				University, Jaunpur	
21.	Dr. Subhendu Datta	Ph.D.(1999)	Agriculture Chemistry	IARI	New Delhi
22.	Dr.R.P.Raman	Ph.D. (2006)	Zoology	B.R. Ambedkar University	Bihar
23.	Dr. Parimal Sardar	Ph.D. (2005)	Animal Nutrition	West Bengal University of Animal Fishery Sciences	West Bengal
24.	Dr. Gayatri Tripathi	Ph.D. (1999)	Life Sciences (Zoology)	Purvanchal University, Jaunpur	Uttar Pradesh
25.	Dr. Satya Prakash Shukla	Ph.D. (1993)	Botany	BHU, Varansi	Uttar Pradesh
26.	Dr. Swadesh Prakash	Ph.D. (2000)	Agriculture Economics	BHU, Varansi	Uttar Pradesh
27.	Dr. Subodh Gupta	Ph.D. (2001)	Biochemistry	GB Pant University of Agri. & Tech., Pantnagar	Uttarakhand
28.	Dr. Zeba Jaffar Abidi	Ph.D. (1985)	Zoology	Garhwal University	Srinagar
29.	Dr. Subrata Dasgupta	Ph.D. (2000)	Zoology	Vishva Bharati Shantiniketan	West Bengal
30.	Dr. Asha T. Landge	Ph.D. (2008)	Life Sciences	Utkal University, Bhubaneswar	Odisha
31.	Dr. Ajit Kumar Verma	Ph.D. (2007)	Soil Water Engineering (Irrigation & Drainage)	Allahabad Agriculture University	Uttar Pradesh
32.	Dr. P. S. Ananthan	Ph.D. (2002)	Agriculture Extension	IARI	New Delhi
33.	Dr. Sanath Kumar H.	Ph.D. (2002)	Fishery Microbiology	UAS, Bangalore	Karnataka
34.	Dr. Megha Kadam Bedekar	Ph.D (2006).	Animal Biotechnology	IVRI, Izatnagar	Uttar Pradesh
35.	Dr. Rama Sharma	Ph.D. (2006)	Statistics	CCS University, Meerut	Uttar Pradesh
36.	Dr. Amjad K. Balange	Ph.D. (2009)	Food Science & Technology	Prince of Songkla University	Thailand
37.	Dr. Sujata Sahoo	Ph.D. (2012)	Animal Biochemistry	IVRI, Izatnagar	Uttar Pradesh
38.	Dr. Martin Xavier K.A.	Ph.D. (2007)	Marine Science	Cochin University of Science & Technology, Kochi	Kerala
39.	Dr. Shivaji Dadabhau Argade	Ph.D. (2014)	Agriculture Extension	NDRI, Karnal	Haryana
40.	Dr. Sreedharan K.	Ph.D. (2010)	Marine Science	Cochin University of Science & Technology, Kochi	Kerala



## List of faculty members from the States other than the State in which university is located

Sl No.	Number of faculty from the States other than the State in which university is located	Total number of faculty	Percentage (%)
1	77	84	91.66

S. No.	Name of the Faculty	Designation	Domicile State
1.	Dr. Gopal Krishna	Director	Uttar Pradesh
2.	Dr. N. P. Sahu	HoD	Odisha
3.	Dr. N. K. Chadha	HoD	Himachal Pradesh
4.	Dr. K. V. Rajendran	HoD	Kerala
5.	Dr. Aparna Chaudhari	HoD	Uttar Pradesh
6.	Dr. Binaya Bhusan Nayak	HoD	Odisha
7.	Dr. K. K. Jain	Principal Scientist	Uttar Pradesh
8.	Dr. Neelam Saharan	Principal Scientist	Haryana
9.	Dr. Kiran Dube Rawat	Principal Scientist	Madhya Pradesh
10.	Dr. S. N. Ojha	Principal Scientist	Bihar
11.	Dr. Latha Shenoy	Principal Scientist	Kerala
12.	Dr. B. K. Mahapatra	Principal Scientist	West Bengal
13.	Dr. Kishore Kumar Krishnani	Principal Scientist	Chhattisgarh
14.	Dr. P.K. Pandey	Principal Scientist (On deputation to CAU, Tripura)	Uttar Pradesh
15.	Dr. S. Jahageerdar	Principal Scientist	Karnataka
16.	Dr. V. K. Tiwari	Principal Scientist	Uttar Pradesh
17.	Dr. G. H. Pailan	Principal Scientist	West Bengal
18.	Dr. Arpita Sharma	Principal Scientist	Uttar Pradesh
19.	Dr. K. Pani Prasad	Principal Scientist	Andhra Pradesh
20.	Dr. P. P. Srivastava	Principal Scientist	Uttar Pradesh
21.	Dr. Subhendu Datta	Principal Scientist	West Bengal
22.	Dr. R. P. Raman	Principal Scientist	Bihar
23.	Dr. Parimal Sardar	Principal Scientist	West Bengal
24.	Dr. Ashok Kumar Jaiswar	Principal Scientist	Uttar Pradesh
25.	Dr. Sukham Munil Kumar	Principal Scientist	Manipur
26.	Dr. Rupam Sharma	Principal Scientist	Assam
27.	Dr. Gayatri Tripathi	Principal Scientist	Madhya Pradesh
28.	Dr. Satya Prakash Shukla	Principal Scientist	Uttar Pradesh
29.	Dr. Swadesh Prakash	Principal Scientist	Uttar Pradesh
30.	Dr. Subodh Gupta	Principal Scientist	Uttar Pradesh
31.	Dr. Mukunda Goswami	Principal Scientist	Assam
32.	Dr. Subrata Dasgupta	Principal Scientist	West Bengal
33.	Dr. Ashutosh D. Deo	Principal Scientist	Bihar
34.	Dr. Megha Kadam Bedekar	Principal Scientist	Madhya Pradesh
35.	Dr. Zeba Jaffar Abidi	Sr. Scientist	Uttar Pradesh
36.	Dr. Ajit Kumar Verma	Sr. Scientist	Uttar Pradesh
37.	Dr. P. S. Ananthan	Sr. Scientist	Tamil Nadu

38.	Dr. Sanath Kumar H.	Sr. Scientist	Karnataka
39.	Dr. Rama Sharma	Sr. Scientist	Uttar Pradesh
40.	Dr. Paramita Banerjee Sawant	Sr. Scientist	West Bengal
41.	Dr. Vidya Shree Bharti	Sr. Scientist	Bihar
42.	Dr. Babitha Rani A.M.	Sr. Scientist	Kerala
43.	Dr. Annam Pavan Kumar	Scientist	Andhra Pradesh
44.	Dr. Vungarala Hari Krishna	Scientist	Andhra Pradesh
45.	Dr. Gireesh Babu Pathakota	Scientist	Andhra Pradesh
46.	Dr. Kundan Kumar	Scientist	Bihar
47.	Dr. Muralidhar Panchala Ande	Scientist	Andhra Pradesh
48.	Mr. Vinod Kumar Yadav	Scientist	Bihar
49.	Dr. Sujata Sahoo	Scientist	Odisha
50.	Dr. Manjusha L.	Scientist	Kerala
51.	Dr. Kartireddy Syamala	Scientist	Andhra Pradesh
52.	Dr. Martin Xavier K.A.	Scientist	Kerala
53.	Dr. Sunil Kumar Nayak	Scientist	Odisha
54.	Dr. Md. Aklakur	Scientist	Bihar
55.	Dr. Arun Sharma	Scientist	Tripura
56.	Dr. Thongam Ibemcha Chanu	Scientist	Manipur
57.	Dr. Sikendra Kumar	Scientist	Bihar
58.	Ms. Jeena K.	Scientist	Kerala
59.	Dr. Saurav Kumar	Scientist	Bihar
60.	Dr. Tincy Verghese	Scientist	Kerala
61.	Dr. Mujahidkhan A. Pathan	Scientist	Karnataka
62.	Dr. Shashi Bhushan	Scientist	Bihar
63.	Dr. Shamna N.	Scientist	Kerala
64.	Mr. Dhamotharan K.	Scientist	Tamil Nadu
65.	Mr. Arun Sudhagar S.	Scientist	Tamil Nadu
66.	Ms. Rathi Bhuvaneswari G.	Scientist	Tamil Nadu
67.	Mr. Dilip Kumar Singh	Scientist	Bihar
68.	Dr. Pankaj Kumar	Scientist	Rajasthan
69.	Ms. Layana P.	Scientist	Kerala
70.	Mr. Manish Jayant	Scientist	Rajasthan
71.	Ms. Neha Wajahat Qureshi	Scientist	Srinagar
72.	Ms. Husne Banu	Scientist	Odisha
73.	Mr. Dhalongsaih Reang	Scientist	Manipur
74.	Mr. Angom Lenin Singh	Scientist	Manipur
75.	Dr. Sreedharan K.	Scientist	Kerala
76.	Ms. Upasana Sahoo	Scientist	Odisha
77.	Mr. Satya Prakash	Scientist	Bihar

## Average footfall in library

## ICAR-CIFE, Library Users data from January 2018 to December 2018

Month	Visitors (A)	Book Section (B)	Digital Section (C)
January - 2018	66	486	1232
February -2018	81	765	1648
March -2018	52	818	1744
April -2018	67	312	972
May -2018	95	504	921
June -2018	99	596	1005
July -2018	105	497	438
August -2018	85	402	312
September -2018	35	398	609
October -2018	37	1194	2225
November -2018	50	797	2221
December -2018	179	874	1006
<b>Total</b>	<b>951</b>	<b>7643</b>	<b>15461</b>
		<b>Grand Total</b>	<b>23104</b>
<b>Total Footfall (Faculty/Students) (B+C-A)</b>		<b>23104-951= 22153</b>	

Total working days = 285

Average footfall/day=  $22153/285 = 77.72$

Total faculty + Students = 309

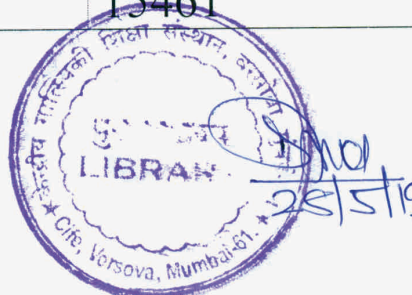
% footfall per day =  $77.72/309 \times 100 = 25.15\%$



पुस्तकालय एवं सूचना अधिकारी  
Librarian Cum Information officer

## CERA utilization in 2018

<b>J-Gate Usage Report</b>	
<b>ICAR - Central Institute of Fisheries Education</b>	
From	January 2018
To	December 2018
<b>Group Name</b>	<b>Total</b>
Total Logins / Sessions	1319
Searches	9119
Full text / Abstract Views	2592
ILL Requests/Enquiries	65
TOC Browsing	1205
Profiles Created	50
E mail Alerts	16
Others	1095
<b>TOTAL HITS</b>	<b>15461</b>



Accreditation as on 01.01.2018

## The accredited academic programmes of ICAR-Central Institute of Fisheries Education, Mumbai (Maharashtra)

College/Faculty/School	Period of Accreditation	Bachelor Degree Programmes	Master Degree Programmes	Ph.D. Programmes
ICAR-CIFE Campus, Mumbai	28.03.2016 to 27.03.2021		M.F.Sc. in Aquaculture, Aquatic Animal Health Management, Aquatic Environment and Management, Fisheries Economics, Fisheries Extension, Fish Biotechnology, Fish Genetics & Breeding, Fish Nutrition & Feed Technology, Fish Physiology & Biochemistry, Fisheries Resources Management, Post Harvest Technology	Ph.D. in Aquaculture, Aquatic Animal Health Management, Aquatic Environment and Management, Fisheries Economics, Fisheries Extension, Fish Biotechnology, Fish Genetics, Fish Nutrition & Feed Technology, Fish Physiology & Biochemistry, Fisheries Resources Management, Post Harvest Technology



INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
NEW DELHI


## NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD

## CERTIFICATE OF ACCREDITATION

On the recommendations of the ICAR Peer Review Team, the National Agricultural Education Accreditation Board, ICAR, New Delhi hereby grants accreditation to the **ICAR-Central Institute of Fisheries Education, Mumbai (Maharashtra)** and its programmes upto March 27, 2021.

The accredited academic programmes are listed overleaf.

March, 2017  
New Delhi

  
(Narendra Singh Rathore)  
Deputy Director General (Agril. Edn.), ICAR  
and Vice-Chairman, NAEAB

  
(Trilochan Mohapatra)  
Secretary, DARE & Director General, ICAR  
and Chairman, NAEAB



## Implementation of recommendation of 5th Deans, Committee/ BSMA Committees.

**PROCEEDINGS OF THE CONSULTATIVE WORKSHOP OF THE BSMA  
(FISHERIES) COMMITTEE HELD AT CIFE, MUMBAI ON  
16<sup>th</sup> and 17<sup>th</sup> APRIL 2008**

**Day 1: 16-04-2008**

The two-day Consultative Workshop on Revision of ~~PG and~~ Doctoral Curriculum and Syllabus pertaining to the 14 MFSc and 12 PhD ~~Subjects~~ already identified in the discipline of Fishery Science was held at the ~~Central~~ Institute of Fisheries Education (CIFE), Mumbai on 16<sup>th</sup> and 17<sup>th</sup> April 2008. The workshop commenced at 9-30 AM on 16<sup>th</sup> April with the Registration of Participants – ~~near~~ 100 of them – comprising of Deans, Faculty Members, External Experts, Representatives from the Industry and Banks, PG Students and other Invitees.

**Inaugural Session (I)**

The Inaugural Session commenced at 10-30 AM with ~~Dr.~~ P. Keshavanath, Convener of the BSMA Committee on Fisheries welcoming the ~~participants~~ and briefing them about the Objectives of the Workshop.

In his Introductory Remarks, Dr. S.C. Mukherjee, ~~Joint~~ Director, CIFE said that presently there are 9 MFSc and 9 PhD Programmes being offered at CIFE and that there is scope for improvement and more courses can be added to ~~strengthen~~ the Fisheries Education and Industry. For example the discipline of Fish Physiology can be added, he said.

In his Special Address, Dr. Dilip Kumar, ~~Director~~ CIFE spoke about the emerging challenges and growing opportunities. He said ~~that~~ under the Indian Education system knowledge gained is adequate but skill acquiring is ~~inadequate~~. There is a need for balancing both, he said. He further emphasized ~~that~~ there are two streams – Fisheries and Aquaculture, the former providing livelihood to the disadvantaged sections of society, and the latter providing income to farmers and ~~entrepreneurs~~. Therefore, Students of Fishery Science should be in a position to work for the welfare of fisher folk, small farmers as well as entrepreneurs. He further said that there is ~~20~~ 20% growth in the education sector, and collaboration between overseas centres of learning and institutes in India is emerging. In view of Globalization, the Fishery Science Curriculum should encompass all types of ecosystems – Tropical to Temperate, Low-land to ~~Up~~land, Micro-level to Macro-level, etc. Students of Fishery Science should work at all levels, he said.

Mr. Ajit Sinha Patil of M/s Pancham Fisheries, ~~Mumbai~~ and Mr. Rajan of M/s Nellore Hatcheries, Nellore, expressed that the Fisheries ~~Education~~ should make Fisheries Graduates employable in the Industry.

Others have expressed that the students should ~~be~~ exposed to emerging fields of Biotechnology, Nanotechnology, Information Technology, etc.

It was suggested that the participants should ~~agree to~~ disagree, confront and generate new ideas and develop the curriculum in the two-day workshop.

In an Introduction to the Sessions of the Workshop, Mr. P. Krishnan, Ph.D. Scholar, CIFE, gave a presentation on the procedure adopted ~~for the~~ Workshop – Six Sub-Committees



(working groups) are formed, each comprising of two or three related disciplines. Syllabus of relevant ARS Disciplines (Revised) is to be considered and included. The Credit Load and Course Structure to be adopted is decided in the First Meeting of the BSMA (Fisheries) Committee Members held at CIFE, Mumbai on 12<sup>th</sup> March 2008.

The Process to be adopted includes a critical review of the Syllabi of 14 MFSc and 12 Ph.D. Courses drafted by the respective Subject Matter Experts and the Lead Expert (identified and entrusted with during the First Meeting on 12<sup>th</sup> March), Discipline-wise on the first day and Group-wise on the second day. The finalized Draft Syllabi would then be put on the CIFE Website by 30<sup>th</sup> April 2008 for further suggestions / modifications by all those concerned.

Dr. Riji John, Dept. of Aquaculture, College of Fisheries & Research Institute (TN), expressed that 14 MFSc Programmes have been identified while most Fisheries Colleges have only 5 or 7 Departments. It was however clarified that the number of departments have nothing to do with the disciplines and one given department may offer more than one PG specialization programmes.

Dr. K.P. Singh opined that MFSc and PhD Degree in Fish Physiology, which is a Basic Science of importance, should be introduced, and that Applied Sciences without Basic Sciences will die. Dr. Prasad Rao, Emeritus Scientist, NEERI, Nagpur, suggested to include topic on Biosensors in Environmental Science related Courses.

Dr. Ananthan of CIFE expressed that students' perception is more important and that the Objective of a Course should be Learning by student are active seekers of knowledge. Dr. KP Singh said that students and teachers are an Unit. Dr. Dilip Kumar emphasized participatory role of students and staff in curriculum development.

## Session II

The Six Sub-Committees constituted and the Disciplines (14) covered by each of them are as follows:

- Sub-Committee – I: (1) Aquaculture, (2) Fish Nutrition, (3) Fish Physiology.
- Sub-Committee – II: (1) Aquatic Animal Health Management, (2) Fish Microbiology
- Sub-Committee – III: (1) Fish Business Management, (2) Fisheries Economics (3) Fisheries Extension.
- Sub-Committee – IV: (1) Fish Biotechnology, (2) Fish Genetics.
- Sub-Committee – V: (1) Fisheries Resource Management, (2) Aquatic Environment Management.
- Sub-Committee – VI: (1) Fisheries Engineering, (2) Fish Processing Technology.

The List of Members included in the Six Sub-Committees is given in *ANNEXURE*.

From 11-30 AM to 2-00 PM and again from 2-30 PM to 5-30 PM the Six Sub-Committees met in separately to discuss and finalize the Syllabus of respective disciplines.

## **Day 2: 17-04-2008**

### **Session III**

During the forenoon, Presentations were made by the Head Experts to the respective Groups, concurrently, and reviewed by the Subject Matter Experts, representatives from Industry, PG Students Representatives, etc.

### **Session IV**

During the afternoon, the Concluding Session was held.

Dr. MPS. Kohli, Dean, Academics, CIFE, Mumbai welcomed the participants.

The participants expressed their views on various aspects of the Curriculum and Syllabus framed. It was agreed to allow 30% variation to suit local needs.

Dr. Basavaraj, Dean, College of Fisheries, Mangalore, proposed that the PG Programme 'Genetics' should be renamed as 'Genetics and Breeding'. The house agreed to the proposal unanimously.

There was no unanimity for the proposal to split the existing discipline of 'Nutrition & Biochemistry' into two disciplines of 'Nutrition & Feed Technology' and 'Physiology & Biochemistry'.

Mr. Shekar a progressive Fish Farmer from Maharashtra expressed that Fisheries Graduates are seeking jobs rather than taking up fish farming (food production) owing to lack of confidence. He also suggested integrating Fisheries and Tourism (Aqua-Tourism), and to develop an interface between fish producers and consumers. In reply, Dr. Dilip Kumar, Director, CIFE, said that developing Entrepreneurship is the aim of the Curriculum, and both knowledge and skills have been taken care of. Dr. B.N. Singh said that the American Land Grant Pattern of Education involves Work Experience leading to Entrepreneurship.

The proposal to start 'MFSc in Business Management' was welcomed but Mr. Rajan, Farmer from Nellore suggested that since the programme is a job oriented one, it would be appropriate if proposal to have a PhD Course in this discipline is dropped at the moment, as even most MBAs do not pursue PhD. This was widely agreed by the forum.

Dr. S.D. Singh, Principal Scientist & Head, Division of Fish Nutrition & Biochemistry, CIFE, Mumbai, emphasised that Biochemistry should be retained as a specialization considering the scope it offers to the graduates in terms of employment. The house unequivocally endorsed the significance of biochemistry as a basic subject, which will be included for students specializing in many disciplines. After intense debate on the subject, it was agreed that Biochemistry may be combined with Physiology, which is again a basic science having great relevance to fisheries. Dr. Dilipkumar joined the debate and suggested that considering the need for skilled personnel in feed manufacturing sector, the Fish Nutrition programme may be re-named as Fish Nutrition and Feed Technology, duly incorporating the essential ingredients for feed technological aspects. The concerned

subject matter experts were asked to modify/frame the syllabus afresh in the light of this development.

Dr. C.S. Purushothaman drew the attention of the audience on the need for discussing the nomenclature on Aquatic Animal Health Management. Dr. Riji John, COF&RI, Tuticorin (TN), expressed that the introduction of a new discipline on 'Aquatic Animal Health Management' both at MFSc and PhD levels was welcome but the name be changed as "Fish Pathology and Health Management". The house agreed to this suggestion.

The PG Students of CIFE requested in impress upon BSC to recognize Fishery Science as one of the disciplines eligible for Civil Services as nearly 500 graduates are now being produced per year in India.

Dr. P. Keshavanath, Convener, BSMA Committee, sought the opinion of the House whether there is a need to include Experiential Learning in the PG and PhD Programmes too. Several members expressed that it would be difficult to accommodate and that it would be a repetition of what was undergone during the Undergraduate Programme (BFSc Course). However, it was resolved to have it at MFSc level.

Finally, under the item 'Other Academic Issues offered', Dr. K. Ravindranath, Member Secretary, BSMA Committee, requested the concerned Members to provide the Regulations and Curriculum being followed in their respective Fisheries Colleges so that uniform guidelines can be framed along with the Syllabus.

In his Special Remarks, Dr. Dilip Kumar, Director, CIFE, requested the Lead Experts to handover the draft material to Dr. Ananthan of CIFE, and further requested all Members to go through the Draft Syllabi to be put on the CIFE Website and to suggest improvements / modifications, if any.

### **Vote of Thanks**

Vote of Thanks was proposed by Dr. R.S. Biradar, Principal Scientist, CIFE, Mumbai. The Director CIFE, Mumbai was thanked for hosting the Two-day Consultative Workshop and for providing the facilities. All the BSMA (Fish) Committee Members, Deans, Faculty Members, Invited Experts, Representatives from the Industry and Banks, and PG Students of CIFE are thanked for attending the Workshop and giving their valuable inputs. All the Faculty Members and Staff of CIFE are thanked for their whole hearted support and assistance in successfully conducting the Workshop.

The Two-day Workshop concluded at 5-00PM.

**ANNEXURE (PDF File)**  
(Composition of Six Sub-Committees)

## Research publications including review articles having NAAS rating of over 6.0 in 2018

Sl No.	Total number of research articles having NAAS rating of over 6.0 publishes in 2018	Total number of faculty*	Number of research papers per faculty
1	89	78	1.14

\*Number of active faculty

## List of the research articles

S. No.	Details of publication	NAAS Rating
1.	Acharya, A. P., Pavan-Kumar, A., Joshi, C.G., Patel, N., Gireesh-Babu, P., Chaudhari, A. and Krishna, G. 2018. Development and characterization of 15 novel polymorphic microsatellites for Giant river-catfish <i>Sperata seenghala</i> (Sykes, 1839) using next generation sequencing approach. <b><i>Journal of Applied Ichthyology</i></b> , 34:971–973	<b>6.77</b>
2.	Agarwal, D., Gireesh-Babu, P., Pavan-kumar, A., Koringa, P., Joshi, C.G., Gora, A.H., Bhat, I. and Chaudhari, A., 2018. Molecular characterization and expression profiling of 17-beta-hydroxysteroid dehydrogenase 2 and spermatogenesis associated protein 2 genes in endangered catfish, <i>Clarias magur</i> (Hamilton, 1822). <b><i>Animal Biotechnology</i></b> , 20:1-14.	<b>6.93</b>
3.	Ahirwal, S.K., Jaiswar, A.K. and Chakraborty, S. K., 2018. Diet composition of oil sardine, <i>Sardinella longiceps</i> (Val. 1847) from Mumbai waters of Maharashtra, India. <b><i>Indian Journal of Geo-Marine Science</i></b> , 47 (9):1880-1887.	<b>6.29</b>
4.	Ahmad, I., Dhanashree, D. J., Balasinor, N.H., Rani, B., Bhat, I.A., Chadha, N.K., Rawat, K.D. and Saharan, N., 2018. Inhibin anti-peptide antibody macrobolecule: An Approach to improve fecundity in <i>Clarias batrachus</i> . <b><i>International Journal of Biological Macromolecules</i></b> . 120: 195-202	<b>9.91</b>
5.	Ajima, M.N., Pandey, P.K., Kumar, K. and Poojary, N., 2018. Alteration in DNA structure, molecular responses and Na <sup>+</sup> -K <sup>+</sup> -ATPase activities in the gill of Nile tilapia, <i>Oreochromis niloticus</i> (Linnaeus, 1758) in response to sub-lethal verapamil. <b><i>Ecotoxicology and Environmental Safety</i></b> , 147: 809-816.	<b>9.97</b>
6.	Anand, G., Bhat, I.A., Varghese, T., Dar, S.A., Sahu, N.P., Aklakur, M.D., Kumar, S. and Sahoo, S., 2018. Alterations in non-specific immune responses, antioxidant capacities and expression levels of immunity genes in <i>Labeo rohita</i> fed with graded level of carbohydrates. <b><i>Aquaculture</i></b> , 483: 76-83.	<b>8.71</b>
7.	Ashutosh, M., Chakraborty, S. K., Jaiswar, A. K. and Sharma. A., 2018. Length-weight relationship of dominant fish species of two medium reservoirs of Uttarakhand, India. <b><i>Indian Journal of Fisheries</i></b> 65(1):101-104	<b>6.20</b>
8.	Bedekar, M.K., Soman, P., Kole, S., Anand, D., Tripathi, G., Makesh, M. and Rajendran, K.V., 2018. Evaluation of interferon gamma (IFN- $\gamma$ ) of <i>Labeo rohita</i> as an immunomodulator: <i>in vitro</i> expression model. <b><i>Aquaculture International</i></b> , pp.1-13.	<b>7.28</b>
9.	Bharti, V.S., Inamdar, A. B., Purusothaman, C. S. and Yadav V.K., 2018. Soft computing and statistical technique - application to eutrophication potential modelling of Mumbai coastal area. <b><i>Indian Journal of Geo-Marine Sciences</i></b> , 42(02):365-377.	<b>6.29</b>

10.	Bhat, I. A., Ahmad, I., Nazir, M. I., Bhat, R.A.H., Gireesh-Babu, P., Goswami, M., Sundaray, J.K., Sharma R. 2018. Chitosan-eurycomanone nanoformulation acts on steroidogenesis pathway genes to increase the reproduction rate in fish. <i>Journal of Steroid Biochemistry and Molecular Biology</i> . 185:237-247.	10.10
11.	Bhat, I. A., Nazir, M. I., Ahmad, I., Gireesh-Babu, P., Chanu, T. I., Goswami, M., Sundaray, J.K. and Sharma, R., 2018. Fabrication and characterization of chitosan conjugated eurycomanone nanoparticles: <i>In vivo</i> evaluation of the biodistribution and toxicity in fish. <i>International Journal of Biological Macromolecules</i> . 112:1093-1103.	9.91
12.	Chowdhury L. M., Kathirvelpandian, A., Divya, P.R., Basheer, V.S., Shanis, R., Chelath, M., Pavan-Kumar, A. and Krishna, G. 2018. Molecular identification and phylogenetic assessment of species under genus <i>Parapenaeopsis</i> Alcock, 1901, from Indian waters. <i>Mitochondrial DNA A: DNA Mapping and Sequence Analysis</i> . 10. doi: 10.1080/24701394.	6.93
13.	Daniel, N., Pavan-Kumar, A., Kathirvelpandian, A., Praveen Raj, Dam Roy, S. and Chaudhari, A., 2018. First record of whitebarred goby <i>Amblygobius phalaena</i> (Valenciennes, 1837) from Indian waters. <i>Indian Journal of Fisheries</i> , 65(3):116-121.	6.28
14.	Dar, S.A., Nautiyal, V., Phulia, V., Bhat, I.A., Srivastava. P.P., Sahu, N.P. and Gupta, S., 2018. Determination of benzimidazoles in fish plasma by chromatographic method and their effects on metabolic and antioxidative enzymes activity. <i>Aquaculture</i> , 486:57-63.	8.71
15.	Dar, S.A., Srivastava, P.P., Varghese, T., Gupta, S., Gireesh-Babu, P. and Krishna, G., 2018. Effects of starvation and refeeding on expression of ghrelin and leptin gene with variations in metabolic parameters in <i>Labeo rohita</i> fingerlings. <i>Aquaculture</i> , 484: 219-227.	8.71
16.	Don, S., Xavier, K.A.M., Devi, S.T., Nayak, B.B., Nagalakshmi, K., 2018. Identification of potential spoilage bacteria in farmed shrimp ( <i>Litopenaeus vannamei</i> ): Application of relative rate of spoilage models in shelf life-prediction. <i>LWT - Food Science and Technology</i> 97: 295 – 301.	9.12
17.	Fawole, F.J., Sahu, N.P., Shamna, N., Phulia, V., Emikpe, B.O., Adeoye, A.A., Aderolu, A.Z. and Popoola, O.M., 2018. Effects of detoxified <i>Jatropha curcas</i> protein isolate on growth performance, nutrient digestibility and physio-metabolic response of <i>Labeo rohita</i> fingerlings. <i>Aquaculture Nutrition</i> , 24 (4):1223-1233.	8.01
18.	Gangan, S.S., Jaiswar, A.K., Pavan-Kumar, A., Jahageerdar, S., Lakra, W.S. and Krishna, G. 2018. A report on anomalies in pelvic fin and pectoral filament of two species of genus <i>Setipinna</i> (Swainson, 1839) from east coast of India. <i>Indian Journal of Geo-marine Sciences</i> , 47 (9): 1893-1898.	6.29
19.	Gladston, Y., Akhilesh, K. V., Thakurdas, C., Ravi, O. P. K., Ajina, S. M. and Shenoy L., 2018. Length–weight relationship of selected elasmobranch species from north-eastern Arabian Sea, India. <i>Journal of Applied Ichthyology</i> , 1–5.	6.77
20.	Gopan, A., Ande, M.P., Varghese, T., Sahu, N.P., Lalappan, S., Srivastava, P.P. and Jain, K.K., 2018. Dietary carotenoid supplementation improves fillet appearance, antioxidant status and immuneresponses in striped catfish ( <i>Pangasianodon hypophthalmus</i> ) nevertheless the growth performance. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 18(11): 1303-1313.	6.48
21.	Halder, C., Das, S.P., Pillai, B.R., Pavan-Kumar, A., Gireesh-Babu, P., Das, P. and Chaudhari, A., 2019. Single-nucleotide polymorphisms linked to body	7.28



	weight revealed in growth selected <i>Macrobrachium rosenbergii</i> . <b><i>Aquaculture International</i></b> , 1-12.	
22.	Hassan, M.A., Raghuvaran, D., Xavier, K.A.M., Gupta, S., Nayak, B.B., Balange, A.K., 2018. Evaluation of the properties of spray dried visceral protein hydrolysate from <i>Pangasianodon hypophthalmus</i> (Sauvage, 1978) extracted by enzymatic and chemical methods. <b><i>Waste and Biomass Valorization</i></b> 1-12.	7.87
23.	Jahan, I., Reddy, A.K., Sudhagar, S.A., Harikrishna, V., Singh, S., Varghese, T. and Srivastava, P.P., 2018. The Effect of fortification of potassium and magnesium in the diet and culture water on growth, survival and osmoregulation of Pacific white shrimp, <i>Litopenaeus vannamei</i> reared in Inland ground saline water. <b><i>Turkish Journal of Fisheries and Aquatic Sciences</i></b> , 18(10): 1235-1243.	6.48
24.	Jasmin, F., Muktha, M., Ghosh, S., Mohamed, S. K., Jaiswar, A. K., Laxmilatha, P. and Shenoy, L., 2018. Fishery and stock status of cuttlefishes off Andhra coast, India with focus on the needle cuttlefish <i>Sepia aculeata</i> Van Hasselt, 1835, <b><i>Indian Journal of Fisheries</i></b> , 65(2): 26-32.	6.28
25.	Jayant, M., Hassan, M.A., Srivastava, P.P., Meena, D.K., Kumar, P., Kumar, A. and Wagde, M.S., 2018. Brewer's spent grains (BSGs) as feedstuff for striped catfish, <i>Pangasianodon hypophthalmus</i> fingerlings: An approach to transform waste into wealth. <b><i>Journal of Cleaner Production</i></b> , 199: 716-722.	11.65
26.	Jayant, M., Muralidhar, A.P., Sahu, N.P., Jain, K.K. and Pal, A.K., 2018. Protein requirement of juvenile striped catfish, <i>Pangasianodon hypophthalmus</i> . <b><i>Aquaculture International</i></b> , 26(1):375-391.	7.28
27.	Jousy, N., Jahageerdar, S., Prasad, J. K., GireeshBabu, P. and Krishna, G., 2018. Body weight at harvest and its heritability estimate in <i>Clarias magur</i> (Hamilton, 1822) reared under mono and polyculture systems. <b><i>Indian Journal of Fisheries</i></b> . 65(2): 82-88.	6.28
28.	Karthireddy S., Lakra, W. S., Chadha, N. K., Sahu, N. P., Prasad K P. and Muralidhar, A. P., 2018. Immuno-physiological response of <i>Litopenaeus vannamei</i> in oil palm kernel meal based biofloc systems. <b><i>Indian Journal of Animal Sciences</i></b> . 88 (11): 1329–1332.	6.28
29.	Khot, M., Sivaperumal, P., Jadhav, N., Chakraborty, S.K., Pawase, A. and Jaiswar, A.K., 2018. Diversity and composition of phytoplankton around proposed nuclear power plant site Jaitapur, Maharashtra. <b><i>Indian Journal of Geo-Marine Science</i></b> . 47(12): 2429-2441.	6.29
30.	Khot, M., Sivaperumal, P., Jadhav, N., Chinnaesakki, S., Bara, S. V., Ravi, P.M., Chakraborty, S.K., Pawase, A. and Jaiswar A.K., 2018. Baseline radionuclide concentration in selected marine organisms around Ratnagiri and Sindhudurg district, west coast of Maharashtra, India. <b><i>Marine Pollution Bulletin</i></b> , 135:1051-1054.	9.24
31.	Kokkattunivarthil, S., Krishnan, R., Kezhedath, J. and Prasad, K.P., 2018. New set of PCR primers for SYBR green-based qPCR detection of IMNV in India. <b><i>Aquaculture</i></b> , 495: 726-730.	8.71
32.	Kole, S., Kumari, R., Anand, D., Kumar, S., Sharma, R., Tripathi, G., Makesh, M., Rajendran, K.V. and Bedekar, M.K., 2018. Nanoconjugation of bicistronic DNA vaccine against <i>Edwardsiella tarda</i> using chitosan nanoparticles: Evaluation of its protective efficacy and immune modulatory effects in <i>Labeo rohita</i> vaccinated by different delivery routes. <b><i>Vaccine</i></b> . 36 (16), 2155-2165.	9.29
33.	Krishnan, R., GireeshBabu, P., Jeena, K., Tripathi, G. and Prasad, K.P., 2018. Molecular characterization, ontogeny and expression profiling of mitochondrial	8.91

	antiviral signaling adapter, MAVS from Asian seabass <i>Lates calcarifer</i> , Bloch (1790). <b><i>Developmental and Comparative Immunology</i></b> . 79, 175-185.	
34.	Krishnan, R., Jeena, K. and Prasad, K.P., 2018. Preliminary investigations on the role of Drp-1 dependent mitochondrial fission in attenuating RLR downstream signaling during nervous necrosis virus infection. <b><i>Fish &amp; Shellfish Immunology</i></b> , 80: 618-623.	9.19
35.	Krishnan, R., Jeena, K., Mushtaq, Z., Shyam, K.U. and Kurcheti, P.P., 2018. Antiviral activity of transiently expressed mitochondrial antiviral signaling adapter, MAVS orthologue from Asian seabass. <b><i>Fish &amp; Shellfish Immunology</i></b> .76: 183-186.	9.19
36.	Kumar, N. Krishnani, K.K Kumara, P. Sharma, R. Baitha, R. Singh, D.K. and Singh, N.P. 2018. Dietary nano-silver: Does support or discourage thermal tolerance and biochemical status in air-breathing fish reared under multiple stressors. <b><i>Journal of Thermal Biology</i></b> . 77: 111-121.	8.09
37.	Kumar, N., Krishnani, K.K. and Singh, N.P., 2018. Comparative study of selenium and selenium nanoparticles with reference to acute toxicity, biochemical attributes, and histopathological response in fish. <b><i>Environmental Science and Pollution Research</i></b> , 25(9): 8914-8927.	8.80
38.	Kumar, N., Krishnani, K.K. and Singh, N.P., 2018. Effect of dietary zinc - nanoparticles on growth performance, anti-oxidative and immunological status of fish reared under multiple stressors. <b><i>Biological Trace Element Research</i></b> , 186(1): 267-278.	8.36
39.	Kumar, N., Krishnani, K.K., Brahmane, M.P., Gupta, S.K., Kumar, P. and Singh, N.P., 2018. Temperature induces lead toxicity in <i>Pangasius hypophthalmus</i> : an acute test, antioxidative status and cellular metabolic stress. <b><i>International Journal of Environmental Science and Technology</i></b> , 15(1): 57-68.	8.08
40.	Kumar, N., Krishnani, K.K., Chandan, N.K. and Singh, N.P., 2018. Dietary zinc potentiates thermal tolerance and cellular stress protection of <i>Pangasiushypophthalmus</i> reared under lead and thermal stress. <b><i>Aquaculture research</i></b> , 49(2): 1105-1115.	7.48
41.	Kumar, N., Krishnani, K.K., Gupta, S.K. and Singh, N.P., 2018. Effects of silver nanoparticles on stress biomarkers of <i>Channa striatus</i> : immuno-protective or toxic? <b><i>Environmental Science and Pollution Research</i></b> , 25(15): 14813-14826.	8.80
42.	Kumar, N., Krishnani, K.K., Gupta, S.K., Sharma, R., Baitha, R., Singh, D.K. and Singh, N.P. 2018. Immuno-protective role of biologically synthesized dietary selenium nanoparticles against multiple stressors in <i>Pangasinodon hypophthalmus</i> . <b><i>Fish and Shellfish Immunology</i></b> , 78: 289-298.	9.19
43.	Kumar, P., Jain, K.K., Sardar, P., Jayant, M. and Tok, N.C., 2018. Effect of dietary synbiotic on growth performance, body composition, digestive enzyme activity and gut microbiota in <i>Cirrhinus mrigala</i> (Ham.) fingerlings. <b><i>Aquaculture Nutrition</i></b> 24: 921-929.	8.01
44.	Kumar, P., Pal, A.K., Sahu, N.P., Jha, A.K., Kumar, N., Christina, L. and Priyadarshni, P., 2018. Dietary L-Tryptophan potentiates non-specific immunity in <i>Labeorohita</i> fingerlings reared under elevated temperature. <b><i>Journal of Thermal Biology</i></b> , 74:55-62.	8.09
45.	Kumar, S., Prakash, C., Chadha, N.K., Gupta, S.K., Jain, K.K. and Pandey, P.K., 2018. Effects of dietary alginic acid on growth and haemato-immunological responses of <i>Cirrhinus mrigala</i> (Hamilton, 1822) fingerlings.	6.48

	<i>Turkish Journal Fisheries and Aquatic Sciences</i> . 19(5): 373-382.	
46.	Kumar, S., Raman, R.P., Prasad, K.P., Srivastava, P.P., Kumar, S. and Rajendran, K.V., 2018. Effects on haematological and serum biochemical parameters of <i>Pangasianodon hypophthalmus</i> to an experimental infection of <i>Thaparocleidus</i> sp. (Monogenea: dactylogyridae). <i>Experimental Parasitology</i> .188: 1-7.	7.82
47.	Kumar, S., Sahu, N.P. and Ranjan, A., 2018. Feeding de-oiled rice bran (DORB) to rohu, <i>Labeo rohita</i> : Effect of varying dietary protein and lipid level on growth, body composition, and insulin like growth factor (IGF) expression. <i>Aquaculture</i> , 492:52-66.	8.71
48.	Kumar, S., Sahu, N.P., Shamna, N. And Ranjan. A., 2018. Feeding higher level of de-oiled rice bran causes stress to <i>Labeo rohita</i> fingerlings. <i>Aquaculture</i> , 484:184-190.	8.71
49.	Kumar, S.V., P.K. Pandey, Anand, T., Bhuvaneswari, R.G., Dhinakaran, A. and Kumar, S., 2018. Biofloc improves water, effluent quality and growth parameters of <i>Penaeus vannamei</i> in an intensive culture system. <i>Journal of Environmental Management</i> . 215:206-215.	10.01
50.	Kumar, V., Kumar, K., Raman, R.P., Prasad, K.P., Kumar, N., Kumar, S. and Roy, S., 2018. Evaluation of cellular induction, soluble components of proteins and expression of pro-inflammatory genes in <i>Labeo rohita</i> fingerlings. <i>Journal of Environmental Biology</i> , 39(4): 486-492.	6.73
51.	Kumar, R., Xavier, K.A.M., Lekshmi, M., Balange, A.K., Venkateshwarlu, G., 2018. Fortification of extruded snacks with chitosan: Effects on techno functional and sensory quality. <i>Carbohydrate Polymers</i> 194: 267–273.	11.16
52.	Lekshmi, N.M., Sreekanth, G.B., Singh, N.P., Vennila, A., Kumar, R.R. and Pandey, P.K., 2018. Variations in phytoplankton assemblages in different aquaculture systems in coastal waters of Goa. <i>Indian Journal of Geo Marine Sciences</i> . 47(1): 35-45.	6.29
53.	Lingam, S.S., Sawant, P.B., Chadha, N.K., Pani Prasad, K., Muralidhar, A., Syamala, K. and Xavier, M., 2018. Effect of stunting on carcass quality characteristics of milkfish, <i>Chanos chanos</i> (Forsskal, 1775), reared under pond conditions. <i>Aquaculture Research</i> . 49(11): 3491-3497.	7.48
54.	Meshram, S., Deo, A.D., Kumar, S., Aklakur, M. and Sahu, N.P., 2018. Replacement of de-oiled rice bran by soaked and fermented sweet potato leaf meal: Effect on growth performance, body composition and expression of insulin-like growth factor 1 in <i>Labeo rohita</i> (Hamilton), fingerlings. <i>Aquaculture Research</i> , 49 (8): 2741-2750.	7.48
55.	Mir, I.N., Srivastava, P.P., Bhat, I.A., Muralidhar, A.P., Gireesh -Babu, P., Varghese, T., Chanu, T.I. and Jain, K.K., 2018. Reference gene selection for quantitative real-time RT-PCR normalization in <i>Clarias magur</i> at different larval developmental stages. <i>Indian Journal of Animal Sciences</i> , 88(3): 120-125.	6.28
56.	Mir, I.N., Srivastava, P.P., Bhat, I.A., Muralidhar, A.P., Varghese, T., Gireesh -Babu, P. and Jain, K.K., 2018. Expression and activity of trypsin and pepsin during larval development of Indian walking catfish ( <i>Clarias magur</i> ). <i>Aquaculture</i> , 491: 266-272.	8.71
57.	Murugesan, S.H., Sreekanth G. B. And Jaiswar, A. K., 2018. Length-weight relationship of seven finfish species from Mandovi-Zuari estuarine system, Goa, India. <i>Journal of Applied Ichthyology</i> 2018; 00:1–3.	6.77

58.	Mushtaq, Z., Krishnan, R., Prasad, K.P., Bedekar, M.K. and Kumar, A.P., 2018. Molecular cloning, characterization and expression profiling of galectin-9 gene from <i>Labeo rohita</i> (Hamilton, 1822). <i>Fish &amp; Shellfish Immunology</i> , 76: 287-292.	9.19
59.	Paria, A., Makesh, M., Chaudhari, A., Purushothaman, C.S. and Rajendran, K.V., 2018. Molecular characterisation, ontogeny and expression analysis of melanoma differentiation-associated factor 5 (mda5) from Asian seabass, <i>Lates calcarifer</i> . <i>Developmental &amp; Comparative Immunology</i> , 78: 71-82.	8.91
60.	Paria, A., Makesh, M., Chaudhari, A., Purushothaman, C.S. and Rajendran, K.V., 2018. Nucleotide-binding oligomerization domain-containing protein 1 (NOD1) in Asian seabass, <i>Lates calcarifer</i> : Cloning, ontogeny and expression analysis following bacterial infection or ligand stimulation. <i>Fish &amp; Shellfish Immunology</i> . 79: 153-162.	9.19
61.	Phulia, V., Sardar, P., Sahu, N.P., Fawole, F.J., Shamna, N. and Gupta, S., 2018. Substitution of soybean meal with fermented <i>Jatropha</i> kernel meal: effect on growth performance, body composition, and metabolic enzyme activity of <i>Labeo rohita</i> . <i>Fish Physiology and Biochemistry</i> , 44 (2):475-487.	7.74
62.	Phulia, V., Sardar, P., Sahu, N.P., Sanap, B.N., Shamna, N., Fawole, F.J. and Gupta, S., 2018. Effect of detoxification methods on anti-nutritional factors and proximate composition of defatted <i>Jatropha curcas</i> kernel meal. <i>Animal Nutrition and Feed Technology</i> 18 (1), 67-7718(1):67-77.	6.30
63.	Priyadarshini, B., Xavier, K.A.M., Nayak, B.B., Apang, T., Balange, A.K., 2018. Quality characteristics of tilapia surimi: Effect of single washing cycle and different washing media. <i>Journal of Aquatic Food Product Technology</i> , 27(5): 643-655.	6.68
64.	Qadiri, S. S. N., Makesh, M., Rajendran, K. V., Rathore, G. and Purushothaman, C. S., 2018. Specific immune response in mucosal and systemic compartments of <i>Cirrhinus mrigala</i> vaccinated against <i>Edwardsiella tarda</i> : <i>In vivo</i> kinetics using different antigen delivery routes. <i>Journal of the World Aquaculture Society</i> .	7.34
65.	Qureshi Neha W., Krishnan M, Aditya K.S, 2018. Delphi approach to develop indicators and preferences for restoration of balance in Dal lake Fisheries. <i>Lakes &amp; Reservoirs: Science, Policy and Management for Sustainable Use</i> . 4: 358-366.	6.20
66.	Qureshi N. W., Krishnan, M., S. A., Wani, Ramasubramanian, V., Sivaramane N. and Sundaramoorthy, C., 2018. Does information change Attitudes: The case of restoration of indigenous fishery in Dal Lake, Kashmir, India? <i>Indian Journal of Fisheries</i> 65(2): 113-118, 2018.	6.20
67.	Ramteke, K.K., Landge, A. T., Jaiswar, A. K., Chakraborty, S. K., Deshmuke, G. and Renjith, R. K., 2018. Taxonomic differentiation of goatfishes (Family - Mullidae) based on morphological traits and hard parts. <i>Indian Journal of Geo-Marine Science</i> . 47 (02) 381-389.	6.29
68.	Ranjan, A., Sahu, N.P., Deo, A.D. and Kumar, S., 2018. Comparative growth performance, in vivo digestibility and enzyme activities of <i>Labeo rohita</i> fed with DORB based formulated diet and commercial carp feed. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 18:1025-1036.	6.48
69.	Ranjan, A., Sahu, N.P., Deo, A.D., Kumar, S.H., Kumar, S. and Jain, K.K., 2018. Comparative evaluation of fermented and non-fermented de-oiled rice bran with or without exogenous enzymes supplementation in the diet of <i>Labeo rohita</i> (Hamilton, 1822). <i>Fish Physiology and Biochemistry</i> , 44(4): 1037–	7.74



	1049.	
70.	Saha, R., Bhat, I. A., Charan, R., Purayil, S. B. P., Krishna, G., Kumar, A. P. and Sharma, R., 2018. Ameliorative effect of Chitosan-conjugated 17 $\alpha$ -methyltestosterone on testicular development in <i>Clarias batrachus</i> . <b>Animal Reproduction Science</b> . 193:245-254.	7.65
71.	Sahu, V.K., Karmakar, S., Kumar, S., Shukla, S.P. and Kumar, K., 2018. Triclosan toxicity alters behavioral and hematological parameters and vital antioxidant and neurological enzymes in <i>Pangasianodon hypophthalmus</i> (Sauvage, 1878). <b>Aquatic Toxicology</b> , 202: 145-152.	9.88
72.	Sanap, B.N., Sardar, P., Sahu, N.P., Phulia, V., Shamna, N., Dasgupta, S., Pailan, G.H., Prabu, D.L. and Datta, S., 2018. Utilization of electron beam irradiated Jatropha kernel meal in the diet of <i>Labeo rohita</i> (Hamilton, 1822) fingerlings. <b>Aquaculture Nutrition</b> . DOI 10.1111/anu.12668	8.08
73.	Saxena N., Patiyl, R.S., Dube, K., Tiwari, V.K. and Mir, J.I., 2018. First attempt of captive breeding, embryonic and larval development of <i>Barilius bendelisis</i> (Hamilton 1807). <b>Indian Journal of Animal Research</b> . DOI: 10.18805/ijar.B-3502.	6.21
74.	Sharma, A., Chadha, N. K., Das, S. K., Sen, A., Roy, S.D., Chanu, T.I., Sawant P.B. and Prakash C., 2018. <i>Asparagus racemosus</i> aqueous root extract induced effect on cellular immune reaction of <i>Labeo rohita</i> (Hamilton). <b>Indian Journal of Animal Sciences</b> 88 (2): 251–258	6.28
75.	Sharma, A., Paul, A., Parida, S., Pattanayak, S., Mohapatra, A., Kumar, P.R., Sahoo, M.K., Sundaray, J.K. and Sahoo, P.K., 2018. Dynamics of expression of antibacterial and antioxidant defence genes in Indian major carp, <i>Labeo rohita</i> in response to <i>Aeromonas hydrophila</i> infection. <b>Microbial Pathogenesis</b> , 125: 108-115.	8.33
76.	Shilta M.T., Chadha, N.K., Purayil, S.B., Kandiyil, A.P., Kavungal, V., Joseph, I., Sawant, P.B. and Abhijith, R., 2018. The Food and Feeding Habits of Goldsilk Seabream, <i>Acanthopagrus berda</i> (Forsskal, 1775). <b>Turkish Journal Fisheries and Aquatic Sciences</b> . <a href="http://doi.org/10.4194/1303-2712-v19_7_07">http://doi.org/10.4194/1303-2712-v19_7_07</a> .	6.48
77.	Sreekanth, G.B., Chakraborty, S.K., Jaiswar, A.K. and Zacharia P.U. 2018. An inventory on the coastal finfish and shellfish species of Zuari estuary, southwest coast of India. <b>Indian Journal of Geo-Marine Science</b> , 47(5): 945-958.	6.29
78.	Srihari, M., Sreekanth, G.B. and Jaiswar, A.K., 2018. Length–weight relationship of seven finfish species from Mandovi-Zuari estuarine system, Goa, India. <b>Journal of Applied Ichthyology</b> , 34(6): 1384-1386.	6.77
79.	SriHari, M., Bhutia, R.N., Kathirvelpandian, A., Sharma, R., Ramteke, K.K., Sreekanth, G.B., Abidi, Z.J., 2019. Differentiation in morphometric traits of <i>Chanos chanos</i> stocks along the Indian coast. <b>Indian Journal of Geo-Marine Science</b> 48(2): 233-238.	6.29
80.	Sushila, N., Hameed, A.S., Prasad, K.P., Majeed, A. and Tripathi, G., 2018. In vitro screening of selected antiviral drugs against betanoda virus. <b>Journal of Virological Methods</b> . 259:66-73.	7.76
81.	Swatipriyanka, S., Vivekanandan, E., Gohel, J.K., Sangita, Bharadiya, A., Pariyappan, Z., Dash, G., Jaiswar, A.K. and Chakraborty, S. K., 2018. Reproductive strategy of milk shark, <i>Rhizoprionodon acutus</i> (Ruppell 1837) along north-eastern Arabian Sea. <b>Ichthyological Research</b> . 1-10.	6.77
82.	Talukdar, A., Kumar, S., Varghese, T., Jain, K.K., Sahu, N.P. and Sahoo S., 2018. Feeding gelatinized carbohydrate in the diets of magur, <i>Clarias batrachus</i> (Linnaeus, 1758): Effects on growth performance, enzyme activities and	7.48



	expression of muscle regulatory factors. <i>Aquaculture Research</i> , 1-13,	
83.	Varghese, T., Pal, A.K., Mishal, P., Sahu, N.P. and Dasgupta, S. 2018. Physiological and molecular responses of a bottom dwelling carp, <i>Cirrhinus mrigala</i> to short-term environmental hypoxia. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> 18: 483-490.	6.48
84.	Vikas, K., Jaiswar A. K., Kumar, R., Shashi, B., Lakra, W. S. and Vinay, A., 2018. Morphometric and meristic traits of four flatheads (family: Platycephalidae) occurring along the east coast of India. <i>Indian Journal of Animal Research</i> . B3271:1-6	6.20
85.	Vikas, Kumar, R., Gangan, S.S., Jaiswar A. K. and Lal, D.M., 2018. Taxonomic study of flatheads (Family: Platycephalidae) occurring along the West coast of India. <i>Indian Journal of Geo-Marine Science</i> , 47(5): 1023-1028.	6.29
86.	Viswambharan D., Pratibha, R., Joshi, K. K., Thomas, S., Shenoy L. and Jaiswar, A. K., 2018. Length-weight relationship and growth parameters of moonfish <i>Menemaculata</i> (Bloch and Schneider, 1801) from Karnataka Coast, India. <i>Indian Journal of Fisheries</i> . 65(1): 105-109.	6.28
87.	Wickramasinghe, A.D. and Shukla, S.P., 2018. Performance evaluation of a pellet based column bed for removal of a potentially carcinogenic Polycyclic Aromatic Hydrocarbon (PAH) from water. <i>Journal of Environmental Chemical Engineering</i> . 6(5): 6012-6020.	7.40
88.	Wisdom, K.S., Bhat, I.A., Kumar, P., Pathan, M.K., Chanu, T.I., Walke, P. and Sharma, R., (2018). Fabrication of chitosan nanoparticles loaded with aromatase inhibitors for the advancement of gonadal development in <i>Clarias magur</i> (Hamilton, 1822). <i>Aquaculture</i> . 497: 125-133.	8.71
89.	Xavier, K.A.M., Priyadarshini, B., Ninan, G., Zynudheen, A.A., Mathew, P.T., Ramachandran K.G., Joseph C., 2018. Enrobed Snack Product from Devis's Anchovy ( <i>Stolephorus commersonnii</i> ) and its Quality Evaluation during Frozen. <i>Journal of Aquatic Food Product Technology</i> 27: 859 -867.	6.68

## Research Impact - Percentage of faculty having h-index as 10 or more than 10

Sl No.	Number of faculty members having h-index as 10 or more	Total number of faculty*	Number of research papers per faculty
1	21	84	25

S. No.	Name of the Faculty	h-index
1.	Dr. N. P. Sahu	37
2.	Dr. K. V. Rajendran	21
3.	Dr. Aparna Chaudhari	11
4.	Dr. Binaya Bhusan Nayak	14
5.	Dr. K. K. Jain	14
6.	Dr. Naresh S. Nagpure	19
7.	Dr. Kishore Kumar Krishnani	19
8.	Dr. K. Pani Prasad	12
9.	Dr. R. P. Raman	12
10.	Dr. Ashok Kumar Ja iswar	12
11.	Dr. Sukham Munil Kumar	10
12.	Dr. Rupam Sharma	10
13.	Dr. Gayatri Tripathi	14
14.	Dr. Satya Prakash Shukla	10
15.	Dr. Mukunda Goswami	16
16.	Dr. Subrata Dasgupta	11
17.	Dr. Ajit Kumar Verma	10
18.	Dr. Sanath Kumar H.	27
19.	Dr. Amjad K. Balange	12
20.	Dr. Gire sh Babu Pathakota	10
21.	Dr. Kundan Kumar	12



## Narrotam P Sahu

Central Institute of Fisheries Education

Verified email at cife.edu.in

Fish Nutrition aquafeed digestive physiology

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	4434	2896
h-index	37	30
i10-index	95	82



## KV Rajendran

Principal Scientist

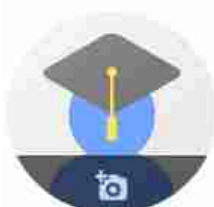
Verified email at cife.edu.in

Crustacean diseases and ...

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	2087	1020
h-index	21	15
i10-index	32	22



## Dr. Aparna Chaudhari

Unknown affiliation

Verified email at cife.edu.in

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	466	352
h-index	11	10
i10-index	13	11



## Dr. B. B. Nayak

Unknown affiliation

Verified email at cife.edu.in

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	579	431
h-index	14	11
i10-index	17	12



## N S Nagpure

Principal Scientist, Fish Genetics and Biotechnology Division, CIFE,  
Verified email at cife.edu.in

Genomics Genotoxicity Molecular Cytogenetics Bioinformatics

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	1909	1318
h-index	19	18
i10-index	33	28



## Dr. Kishore Kumar Krishnani

Principal Scientist

Verified email at cife.edu.in

Aquatic Environment and H...

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	1700	1193
h-index	19	17
i10-index	31	23



## Dr. K. K. Jain

[Central Institute of Fisheries Education](#)  
 Verified email at cife.edu.in - [Homepage](#)  
[Fish Nutrition](#)

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	989	612
h-index	14	14
i10-index	15	14



## Dr. K. Pani Prasad

Professor of aquatic animal health management  
 Verified email at cife.edu.in  
[Aquatic immunology and vir...](#)

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	766	579
h-index	12	10
i10-index	16	11



## Ram Prakash Raman

Principal Scientist, [Central Institute of Fisheries Education](#) (Deemed University), Mumbai  
 Verified email at cife.edu.in  
[Aquatic Animal Health Man...](#) [Probiotics](#) [Phytotherapy](#) [Fish Parasites](#)

Cited by

	All	Since 2014
Citations	474	437
h-index	12	12
i10-index	12	12



## Dr. Gayatri Tripathi

ICAR-Central Institute of Fisheries Education, Mumbai  
 Verified email at cife.edu.in - [Homepage](#)  
[Molecular and Cellular Fish...](#)

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	966	466
h-index	14	11
i10-index	16	12



## Dr. S.P. Shukla

[Central Institute of Fisheries Education](#)  
 Verified email at cife.edu.in  
[environmental science](#)

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	469	205
h-index	10	8
i10-index	12	6



## Dr. A.K. Jaiswar

ICAR- [Central Institute of Fisheries Education](#), Mumbai, India  
 Verified email at cife.edu.in  
[Taxonomy of fishery resour...](#) [Aquatic biodiversity](#) [fish biology](#)

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	533	414
h-index	12	11
i10-index	18	14



## Dr. Rupam Sharma

Unknown affiliation  
Verified email at cife.edu.in

Cited by [VIEW ALL](#)

	All	Since 2014
Citations	400	368
h-index	10	10
i10-index	12	11



## Dr. Subrata Dasgupta

Principal Scientist, ICAR CIFE, MUMBAI  
Verified email at cife.edu.in  
[fish physiology](#) [aquaculture](#) [biotechnology](#)

Cited by [VIEW ALL](#)

	All	Since 2014
Citations	342	204
h-index	11	9
i10-index	13	8



## Munilkumar Sukham

Principal Scientist, ICAR-CIFE, Kolkata  
Verified email at cife.edu.in  
[Aquaculture Nutrition](#)

Cited by

	All	Since 2014
Citations	219	206
h-index	10	9
i10-index	10	9



## Mukunda Goswami

Principal Scientist, Genetics & Biotechnology Division,  
Central Institute of Fisheries Education  
Verified email at cife.edu.in  
[Cell Biology and Proteomics](#)

[FOLLOW](#)

Cited by [VIEW ALL](#)

	All	Since 2014
Citations	900	614
h-index	16	12
i10-index	24	15



## Dr. A.K. Verma

Senior Scientist, [Central Institute of Fisheries Education](#)  
Verified email at cife.edu.in  
[Soil & Water Conservation](#) [Water budgeting](#) [Multiple use of water](#)

Cited by [VIEW ALL](#)

	All	Since 2014
Citations	242	225
h-index	10	9
i10-index	10	9





## Sanath Kumar H

Senior Scientist, [CIFE](#), Mumbai

Verified email at [cife.edu.in](#)

[Microbiology](#) [food microbiology](#) [molecular biology](#)

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	2451	1310
h-index	27	18
i10-index	41	36



## DR. AMJAD K. BALANGE

Senior Scientist, Fish Processing Technology, ICAR-Central Institute of Fisheries Education, Mumbai, India

Verified email at [cife.edu.in](#)

[Fish processing](#) [Fish Biochemistry](#) [Value addition and waste ut...](#)

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	608	416
h-index	12	10
i10-index	12	10



## Dr. Gireesh Babu P.

Scientist, ICAR-Central Institute of Fisheries Education  
Verified email at [cife.edu.in](#)

[Functional genomics](#) [Genetic engineering](#)

Cited by

[VIEW ALL](#)

	All	Since 2014
Citations	357	307
h-index	10	10
i10-index	11	10



## Dr. Kundan Kumar

Scientist, AEHMD, [Central Institute of Fisheries Education](#),  
Verified email at [cife.edu.in](#)

[Fish histology](#) [immunology](#) [hematology](#)

Cited by

	All	Since 2014
Citations	536	509
h-index	12	12
i10-index	12	12

## Patents granted during 2018

### Ivermectin based medicated feed mix for treatment of fish parasites and growth restoration in fish

Intellectual Property India  
PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS

GOVERNMENT OF INDIA  
Controller General of Patents, Designs and Trademarks  
Department of Industrial Policy and Promotion  
Ministry of Commerce and Industry

Application Details	
APPLICATION NUMBER	1340/MUM/2012
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/05/2012
APPLICANT NAME	INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)
TITLE OF INVENTION	"IVERMECTIN BASED MEDICATED FEED MIX FOR TREATMENT OF FISH PARASITES AND GROWTH RESTORATION IN FISH"
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	06/09/2013
PUBLICATION DATE (U/S 11A)	14/06/2013
REPLY TO FER DATE	30/04/2018

Application Status	
APPLICATION STATUS	IN ORDER FOR GRANT UNDER SECTION 43,AWAITING NBA APPROVAL

Activate Windows  
Go to Settings to activate Windows.

## Breeds/technologies/vaccines developed/new strains of bacteria/virus/parasite identified

**1. Developed DNA vaccine construct against *Edwardsiella tarda***

A unique DNA vaccine construct against *Edwardsiella tarda* has been constructed and a technology for nanoconjugation of plasmid DNA with chitosan nanoparticles for efficient uptake of vaccine is developed. Call for expression from industrial partners has been invited for field trial of vaccine.



### Nanoconjugation of bicistronic DNA vaccine against *Edwardsiella tarda* using chitosan nanoparticles: Evaluation of its protective efficacy and immune modulatory effects in *Labeo rohita* vaccinated by different delivery routes

Sajal Kole<sup>a,1</sup>, Ranjeeta Kumari<sup>a</sup>, Deepika Anand<sup>a</sup>, Saurav Kumar<sup>a</sup>, Rupam Sharma<sup>b</sup>, Gayatri Tripathi<sup>a</sup>, M. Makesh<sup>c</sup>, K.V. Rajendran<sup>a</sup>, Megha Kadam Bedekar<sup>a,\*</sup>

<sup>a</sup> Aquatic Environment and Health Management Division, ICAR-Central Institute of Fisheries Education, Mumbai, India

<sup>b</sup> Fish Genetics and Biotechnology Division, ICAR-Central Institute of Fisheries Education, Mumbai, India

<sup>c</sup> Finfish Culture Division ICAR-Central Institute of Brackishwater Aquaculture, Chennai, India

**ARTICLE INFO****Article history:**

Received 9 January 2018

Received in revised form 10 February 2018

Accepted 22 February 2018

Available online 12 March 2018

**ABSTRACT**

DNA-based immunization has proven to be an effective prophylactic measure to control aquatic animal diseases. In order to improve the efficiency of vaccine against fish pathogen, novel delivery mechanism needs to be adopted. In the present study we nanoconjugated the previously constructed DNA vaccine (pGPD + IFN) with chitosan nanoparticles (CNPs) by complex coacervation process. After construction of the vaccine, an *in vivo* vaccination trial was conducted in which 2 groups of rohu (*L. rohita*) fingerlings

EOI (2) (1)-converted.pdf
1 / 4

**ITMU Number: ITMU/1808/1/EOI**

**Central Institute of Fisheries Education**  
**Institute Technological Management Unit (IMTU)**  
 CIFE Old campus, Mumbai- 400061  
 Website: www.cife.edu.in

---

**Call for “Expression of Interest” from Industrial partner for BIRAC funding and field testing of DNA vaccine developed against *Edwardsiella tarda* infection in fish (Commercialization of DNA Vaccine)**

**Brief description about Pathogen:**

*Edwardsiella tarda* (*E. tarda*) is one of the major bacterial pathogen, not only in fish but also in other higher vertebrates including human. *E. tarda* has been isolated from many

## 2. Technology for fish sausages using pangasius



snehal shitole <snehalshitole98@gmail.com>

### Fwd: Technology transfer for fish sausages regarding

DR. AMJAD K. BALANGE <amjadbalance@cife.edu.in>  
To: snehal shitole <snehalshitole98@gmail.com>

Fri, May 24, 2019 at 3:02 PM

----- Forwarded message -----

From: Rajesh Srimalani <rajesh.s@westcoast.in>  
Date: Fri, May 24, 2019, 2:19 PM  
Subject: Re: Technology transfer for fish sausages regarding  
To: DR. AMJAD K. BALANGE <amjadbalance@cife.edu.in>

Hi Mr. Balange,

Thanks, we have received the samples. We should get you the results of the product tasting trails by the end of this week.

Regards,  
Rajesh

On 24-May-2019, at 1:48 PM, DR. AMJAD K. BALANGE <amjadbalance@cife.edu.in> wrote:

Dear Rajesh,

Thank you for showing your interest in our Fish sausages technology at ICAR-CIFE, Mumbai in October 2018 . As per the discussion we had send fish sausages samples and with your appreciation and required (size) changes we have resent further more sausages of required size. This is for our official record that we are in communication with your company for fish sausages technology marketing. West Coast Frozen foods Pvt Ltd is one of the big brands of India and we are looking forward for further progress in the technology transfer to your esteemed organization  
Thanks and regards

Dr Balange A K,  
Senior Scientist,  
Post Harvest Technology,  
ICAR-CIFE, Mumbai

### 3. CIFE-ARGUNIL for treatment of *Argulus* parasite in fish

ICAR-CIFE formulated CIFE-ARGUNIL a feed / feed mix to control and treat *Argulus* and other ectoparasite of fishes. This has been tested with pharmaceutical and nutraceutical component which include regulated and monitored dose of pharmaceuticals for growth restoration and better health of fish.



CIFE-ARGUNIL Feed premix product

CIFE-ITMU/1903/2/EOI



Central Institute of Fisheries Education  
Institute Technological Management Unit (ITMU)  
CIFE Old campus, Mumbai- 400061  
Website: [www.cife.edu.in](http://www.cife.edu.in)



**Call for “Expression of Interest” for industries or companies interested in manufacture/production of CIFE-Argunil, the medicated feed / feed premix for control of Argulus infestation in fish**



#### 4. Ready-to-eat snacks from pangasius mince



Int. J. Curr. Microbiol. App. Sci (2018) 7(10): 2314-2324

International Journal of Current Microbiology and Applied Sciences  
ISSN: 2319-7706 Volume 7 Number 10 (2018)  
Journal homepage: <http://www.ijcmas.com>



#### Original Research Article

<https://doi.org/10.20546/ijcmas.2018.710.268>

### Utilization of *Pangasius* Mince in the Development of Ready to Eat Snacks and its Storage Study

Hina Alim<sup>2</sup>, Shardul Gangan<sup>3</sup>, Quraishi Firdaus Mukhtar<sup>2</sup> and A.K. Balange<sup>1\*</sup>

<sup>1</sup>Post-Harvest Technology Department, ICAR-Central Institute of Fisheries Education, Mumbai-61, India

<sup>2</sup>Department of Life Sciences, University of Mumbai, Vidyanagari Campus, Santacruz (E), Mumbai- 98, India

<sup>3</sup>Taraporewala Marine Biological Research Station, 3rd Floor, New Administrative Building, Govt. Colony, Bandra (East), Mumbai, India

\*Corresponding author

#### ABSTRACT

The demand for ready to eat and ready to cook products are gradually increasing because of their convenience. Considering the demand for ready to eat fish products especially in developing countries like India, there is an instant need to diversify our fish based products. *Pangasius* is a candidate species for inland aquaculture but the yellow discoloration problem in its fillet has restricted its production recently. Therefore, an attempt has been made in the present investigation to utilize *Pangasius* mince for making a ready to eat snacks product i.e. fish Sev and its storage study at room temperature. The results suggested that the fish mince quantity can be kept around 50% of the total composition. This not only helped in maintaining the textural properties of sev but also improved the nutritional quality and overall acceptability. The storage stability of fish Sev at room temperature was assessed based on the changes in proximate composition, quality indices and sensory analysis of the fish Sev during 90 days of storage at room temperature. From the results, it was observed that freshly prepared fish Sev had moisture, protein, fat, ash and carbohydrate as 1.89%, 13.89 %, 24.58%, 3.40% and 56.24% respectively at day 0. It was observed that the protein content of the product decreased slightly from 13.89% to 13.37% during 90 days of storage. However, moisture content was increased and fat content was decreased gradually at the end of 90 days storage. Lipid oxidation products like peroxide and TBARS values increased gradually but found within acceptable limit at the end of 90 days and pH value reduced significantly. The product prepared was found acceptable up to 90 days of storage at room temperature based on the sensory evaluation

#### Keywords

*Pangasius*, Mince, Value added product, Sev, Shelf life study, Room temperature

#### Article Info

Accepted:  
18 September 2018  
Available Online:  
10 October 2018

### 5. CIFE-Ammonia Test Kit (commercialized)

ICAR-CIFE developed and commercialized CIFE-Ammonia Test Kit. This kit can test 75 water samples for ammonia-N for Rs. 500/-.



### 6. CIFE Test Kit for Nitrite and Nitrate test kit (commercialized)

ICAR-CIFE developed and commercialized CIFE Test Kits for Nitrate & Nitrite. This kit can test 100 water samples for nitrate & nitrite for Rs. 500/-.



## Funds received through external competitive grants

## Budget (2018-19)


(Rs. in Lakhs)

Sl. No.	Head	B.E./R.E.	Fund Received	Expenditure incurred
1	Grant in Aid Capital	277.00	287.07	274.79
2	Grant in Aid Revenue (Excluding Salary & Pension)	2,288.00	2,288.00	2,285.14
3	NEH	5.00	5.00	4.65
4	TSP	27.00	27.00	26.26
5	SCSP	236.93	236.93	209.54
<b>Total :</b>		<b>2,833.93</b>	<b>2,844.00</b>	<b>2,800.37</b>

(Rs. in Lakhs)

Sl.No.	Head	Balance C/f	Received	Total Receipt	Expenditure incurred
1	CAFT	21.02	-	21.02	6.85
2	SDU	147.76	116.35	264.11	82.99
3	Library Strengthening under SDAE	63.47	11.53	75.00	59.50
4	Scheduled Cast Sub Pan under SDAE	-	100.00	100.00	84.78
5 *	NAHEP	-	861.32	861.32	500.73
6 *	Externally Funded Projects	246.44	173.00	419.44	233.23
<b>Total :</b>		<b>478.69</b>	<b>1,262.20</b>	<b>1,740.89</b>	<b>968.08</b>

\* Sr.No. 5 + 6 = 12.80 Crores  
NAHEP (World Bank Funded Project)

  
 Finance & Accounts Officer  
 मु.वि. एवं ले.अध  
 C.F. & A.O.  
 के.मा.शि.सं., मुंबई



## ICAR-Central Institute of Fisheries Education

Versova, Mumbai - 400 061

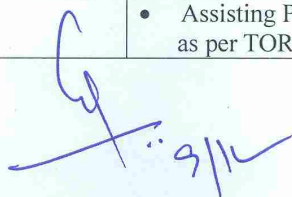
F.No.1-2/GK/Oct./2015

Dated : 9<sup>th</sup> December, 2015

### Office Order

In partial modification of the office order no. F.No.1-1/GK/Oct./2015, dated : 31<sup>st</sup> Oct., 2015, following changes are made. The PME cell will be headed by the Joint Director, CIFE. Dr. K.V. Rajendran will coordinate the overall activities of the PME Cell.

S.No.	Name	Specific Responsibilities
1.	Dr. K. V. Rajendran, HoD, AEHM Dr. Nalini Ranjan Kumar, PS – Member Member Secretary RAC – Member Member Secretary QRT – Member Member Secretary IRC – Member	<ul style="list-style-type: none"> <li>Monitoring of research projects (institutional and externally funded), reports / new projects relevance &amp; utility in PMC.</li> <li>Proceeding inputs and recommendations to Joint Director</li> </ul>
2.	Dr. N. P. Sahu, HoD, FNB Dr. Latha Shenoy, PS – Member Dr. P. S. Ananthan, Sci. – Member Dr. R. P. Uniyal, O/L – Member Dr. Kundan Kumar, Sci. Member Dr. Nalini Poojary, CTO – Member Mr. M. H. Chandrakant, CTO– Member	<ul style="list-style-type: none"> <li>Coordinate &amp; facilitate publications of Books, Bulletins, Research papers, Manuals, Annual Report, Matsya Darpan etc.</li> <li>Technical correspondence with ICAR, Central and State Government agencies</li> <li>Parliamentary Questions and other reporting.</li> </ul>
3.	Dr. Neelam Saharan, Principal Scientist  Dr. Rupam Sharma, Sr. Scientist	<ul style="list-style-type: none"> <li>Concept note evaluation and submission to competent authority.</li> <li>Day-today correspondence of PME Cell</li> <li>Submission of New Projects to PMC</li> <li>Nodal Officer, RFD</li> <li>ISO-9001 renewal</li> <li>Technical correspondence with ICAR, Central and State Government Agencies.</li> <li>Blue Revolution Reporting</li> </ul>
4.	Dr. Gaurav Rathore, Principal Scientist	<ul style="list-style-type: none"> <li>To promote National and International linkages and extra-mural research</li> <li>To suggest ways and means to enhance the quality of publications, develop and commercialize innovative technologies</li> </ul>
5.	Dr. S. Jahageerdar, Principal Scientist	<ul style="list-style-type: none"> <li>Providing necessary inputs to RAC, IRC and other decision making authorities in qualitative and quantitative monitoring of the project deliverable, resource allocation and utilization evaluation methods, etc.</li> </ul>
6.	Dr. Latha Shenoy, Principal Scientist Dr. Sujata Sahoo, Scientist Ms. Jeena K., Scientist	<ul style="list-style-type: none"> <li>For NAAC accreditation of the Institute</li> </ul>
7.	Mr. D. Bhoomiah, CTO	<ul style="list-style-type: none"> <li>Assisting PME Cell in all matters as per TOR</li> </ul>

 9/12

The inputs will be provided to the Competent Authority for further needful.

**TERM OF REFERENCE:**

11. To strengthen prioritization, monitoring, evaluation and impact assessment of the research education and extension programs of the institute.
12. To co-ordinate and facilitate the publications of books, bulletins, research papers annual, annual reports etc.
13. Technical correspondence with ICAR, Central and State Government Agencies.
14. To promote national and international linkages and extra-mural research
15. To suggest ways and means to enhance the quality of publications, develop & commercialize innovative technologies.
16. Co-ordination with CIFE Centres, Divisions, Sections, Cells and Committees.
17. Providing necessary inputs to RAC, IRC and other decision making authorities in qualitative and quantitative monitoring of the project deliverables, resource allocation and utilization evaluation methods, etc.
18. Research framework Documentation preparation and presentation
19. Technical support and coordination for consumables and non-consumable procurement
20. Any other activity assigned by the Competent Authority.

  
(Gopal Krishna)  
Director



## Extension workers award at State/National Level (by Government agency) during 2018

S.No.	Name of Faculty	Awards/Honours/ Appreciation	Awarded for	Received from
<b>National level</b>				
1.	ICAR-CIFE, Mumbai	Appreciation letter	For conducting training programme for tribal fisher folk of Khunti district, Jharkhand	Directorate of Fisheries, Jharkhand
2.	ICAR-CIFE Regional Centre, Kolkata	Appreciation letter	For training programme on Integrated Aquaculture in Dhurva Ranchi	Directorate of Fisheries, Jharkhand
3.	Mr. Tapas Paul	AIASA Gold medal award 2018	For empowering the youth in agriculture by administering many groups related to agricultural issues and education on social networking sites and to motivate youths to take up developmental activities in agricultural field	All India Agricultural Students Association
4.	Dr. Shivaji Argade	Certificate for Best extension research	For gender transformative agricultural extension system	International Extension Congress-2018
<b>State level</b>				
1.	ICAR-CIFE Regional Centre, Rohtak	Appreciation letter	For enhancement of shrimp ( <i>Litopenaeus vannamei</i> ) production and its technology in Punjab	Dr. Madan Mohan, Director and Warden of Fisheries, Punjab

Quality input supplied by University (seed, semen, planting material etc.) during 2018

Species	Fry/Fingerlings sale (in Lakhs)
<b>Powerkheda centre</b>	
<i>Catla catla</i>	23.10
<i>L. rohita</i>	13.70
<i>C. mrigala</i>	12.88
<i>C.idella</i>	00.10
Fish Sale	0.20
<b>Kakinada centre</b>	
Catla spawn	41.00
Rohu spawn	50.00
Pengba (yearlings)	0.01
Pengba (advanced fry)	0.81
Magur (yearlings)	0.01
Common Carp	0.05
Magur (spawn)	0.1
Magur (fry)	0.20
Magur (fingerlings)	0.05
<i>Chanos chanos</i> fingerlings	0.06
<b>Total</b>	<b>142.27</b>

Revenue generated through consultancies, certification, testing, tuition fee, licensing, training, sale of inputs and commercialization of technologies during FY 2018-19.

Institute : ICAR - CIFE, Mumbai

A) Revenue Generation for the year 2018-19

S.NO	HEAD OF ACCOUNT	AMOUNT
1	Sale of farm produce	44,309.00
2	Sale of fish & poultry	29,69,968.00
3	Sale of land	-
4	Sale of building	-
5	Sale of vehicle, other machine tools	-
6	Sale of livestock	-
7	Sale of publication and advertisement	34,054.00
8	Licence fee	31,43,207.00
9	Interest earned on loans & advances	10,86,374.00
10	Receipts from schemes	-
11	Analytical and testing fee	5,02,040.00
12	Pre-Shipment fee	-
13	Application fee from candidates	9,23,500.00
14	Diploma Charges	-
15	Receipts from services rendered	3,72,000.00
16	Interest earned on short term deposits	87,67,853.00
17	Income generated from Internal Resource Generation Schemes	
	a) Training	13,36,523.00
	b) Consultancy	10,000.00
	c) Contract Research	-
	d) Sale of technology	-
	e) Other (Specify the source)	-
18	Net profit in Revolving funds	-
19	Miscellaneous Receipts	88,87,116.00
	<b>TOTAL : OTHER RECEIPTS</b>	<b>2,80,76,944.00</b>

Sl. No.	Particular	Amount
A)	Revenue Generation for the year 2018-19	2,80,76,944.00
B)	External Funded Project- Institution Charges for the year 2018-19	30,01,695.00
	<b>TOTAL :</b>	<b>3,10,78,639.00</b>

  
Asstt. Finance & Accounts Officer

## Number of inter-institutional collaborative projects obtained during 2018

## Number of inter-institutional collaborative projects received during 2018

S.no.	Title	Funding agency	Name of collaborating institutes with ICAR-CIFE	Duration	Budget in lakhs
1.	CAAST sub project: Development of Energy Efficient and Environment Protective Aquaculture Technologies for Degraded Soils” under NAHEP	World Bank	ICAR - Central Soil and Salinity Research Institute	2018-2021	1994.80
2.	Network Programme on Assessment of Antimicrobial Resistance (AMR) in Micro-organisms associated with Fisheries and Aquaculture in India	ICAR Network Project	1. ICAR-National Bureau of Fish Genetic Resources 2. ICAR-Directorate of Coldwater Fisheries Research 3. ICAR-Central Inland Fisheries Research Institute 4. ICAR-Central Institute of Freshwater Aquaculture 5. ICAR-Central Institute of Fisheries Technology 6. ICAR- Central Marine Fisheries Research Institute 7. ICAR-Central Institute of Brackish water Aquaculture	2018-2020	10.00 per year
3.	Technology Development on Breeding and seed production of selected indigenous ornamental fishes native to North Eastern Hill regions and Western Ghats	ICAR Network Project	1. ICAR- Central Marine Fisheries Research Institute 2. ICAR- Directorate of Coldwater Fisheries Research 3. ICAR- Central Institute of Freshwater Aquaculture 4. ICAR- Central Institute of Brackish water Aquaculture 5. ICAR- Central Inland Fisheries Research Institute	2018-2023	160.00



**INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
NATIONAL AGRICULTURAL HIGHER EDUCATION PROJECT**

Room No. 512, KAB -II, Pusa, New Delhi - 110 012

F.No.NAHEP/CAAST/2017-18

Dated: 20/03/2018

To,

The Vice-chancellor,  
Central Institute of Fisheries Education,  
Mumbai

**Subject: Sanction letter for the CAAST sub-project entitled "Development of Energy Efficient and Environment Protective Aquaculture Technologies for Degraded Soils" under NAHEP.**

Sir,

The Project Monitoring Committee (PMC) of the NAHEP, considered the project proposal entitled, "Development of Energy Efficient and Environment Protective Aquaculture Technologies for Degraded Soils" in its first meeting held on 29<sup>th</sup> January, 2018 and approved the proposal for implementation under the NAHEP. The total cost of this project will be Rs. 1994.8 Lakh (Rupees one thousand nine hundred ninety four Lakh and eighty thousand only) for a period of four years starting 2017-18 and ending 2020-21. However approval of budget provision for the sub project is communicated only up to the period of 31<sup>st</sup> March, 2020 as per approval of EFC of the project. Details of the project are as follows:

1. Name of the University: Central Institute of Fisheries Education, Mumbai
2. Name & Designation of the Principal Investigator: Dr. Gopal Krishna, Director

The head-wise and year-wise budget is given in the Annexure I. Details of contractual services, list of equipment, civil works and training and workshop are given in annexure II-V.

**1. The Sanction will be subject to the following conditions:**

- (i) The Principal Investigator (PI) will have the overall responsibility of carrying out the work shown in the project as given in Annexure I.
- (ii) The PI will not be removed/ transferred from the project without the prior consent of the PIU of the NAHEP.
- (iii) The decision of the Project Management Committee (PMC) of the NAHEP will be final in all matters of the project.





पा.कृ.अनु.प.-राष्ट्रीय मत्स्य आनुवंशिक संसाधन ब्यूरो  
ICAR-National Bureau of Fish Genetic Resources



डी. कुलदीप कुमार लाल, निदेशक  
Dr. Kuldeep K. Lal, Director

104/100/2018/AMR/2018 3538  
दि. 29.03.2018

Sub: Launch workshop for Network programme on AMR-regarding

Dear Dr. Gopal Krishna,

With reference to "Network programme on assessment of Antimicrobial Resistance (AMR) in microorganisms associated with fisheries and aquaculture in India", I am thankful to you for kindly nominating project working group from your institute. I wish to also inform you that all eight fisheries research institutes have joined hands for important work proposed in EPC.

In this regard, a launch workshop in collaboration with FAO is proposed to be held on 24th March, 2018 at ICAR-MHICR, Lucknow. Dr. J.R. Jena, Deputy Director General (Production) has consented to attend the launch workshop and provide support and guidance to the programme.

I request you to kindly nominate Principal Investigator/Co-Investigator to kindly attend the launch workshop. The launch workshop is aimed at discussing the operational framework of the project including finalisation of Standard operating procedures. Agenda for the workshop will be circulated in advance for information.

Participants may be kindly advised to reach ICAR-MHICR, Lucknow by 23<sup>rd</sup> evening and intimate their travel plan by email to Director/Co-Investigator. Travel/DA cost may be kindly be borne by sponsoring institute. ICAR-MHICR will arrange accommodation for the participants.

Looking forward to your support towards the important initiative.

With kind regards

Yours sincerely,

(Kuldeep K. Lal)

Dr. Gopal Krishna  
Director  
ICAR-Central Institute of Fisheries Education  
(Deemed University) ICAR  
Panch Marg, Off Vajr Road,  
Andheri (West), Mumbai - 400061

Dr. Wilson David

2/3/18

Recd  
7/3/18

सेवा विंग, प.क.अनु.प., निदेशक, मत्स्य संसाधन, लखनऊ-226002, उ.प्र., भारत

Central Wing Road, P.O. Bellinagar, Near Tollybagh, Lucknow-226 002, U.P., India

Phone No: 0522-2441723; Mobile: 9415 02037; Fax: 0522-2443401

E-mail: [director@icar-mhcr.org](mailto:director@icar-mhcr.org) or [director@icar-mhcr.org](mailto:director@icar-mhcr.org) or [director@icar-mhcr.org](mailto:director@icar-mhcr.org)



भारतीय कृषि अनुसंधान परिषद  
केन्द्रीय समुद्री मात्स्यिकी अनुसंधान संस्थान  
(पूर्व) अनुसंधान एवं शिक्षा विभाग, कृषि एवं किसान कल्याण विभाग, भारत सरकार

Indian Council of Agricultural Research

Central Marine Fisheries Research Institute

[Department of Agricultural Research and Education, Ministry of Agriculture and Farmers' Welfare, Govt. of India]

पोस्ट बॉक्स नं. १६०९, एरनाकुलम नार्थ पी.ओ., कोच्चि - ६८२०१९, केरल, भारत

Post Box No. 1609, Ernakulam North P.O., Kochi - 682019, Kerala, India

Phone: 91 484 2330067/2331455; Fax: 91 484 234106/234666; Email: [cmfri@icar.org.in](mailto:cmfri@icar.org.in); Web: [www.cmfri.org.in](http://www.cmfri.org.in)

CMFRI

Dr. A. Gopalakrishnan  
Director

F.No.: PME/CMFRC/Network – OFDC/2018  
Dated: 05/03/2018

Sub Network project on "Ornamental Fish Breeding and Culture" – Regarding

Dear Dr. Gopal Krishna,

The network project on "Ornamental Fish Breeding and Culture" approved in SFC for the year 2018-19 to 2019-20 is initiated in which ICAR Fisheries Research Institute with ICAR-CMFRI is the lead centre for the programme. The programme envisages a more focused approach to the ornamental fisheries research both in marine and freshwater regions.

The major objective of the programme is to develop breeding protocols for various indigenous ornamental fishes and to develop new varieties which are of high demand in the international market.

In this regard, I request you to kindly nominate scientists working in the related field as Principal Investigator and Co-PIs to carry out various research programmes under this project. Kindly communicate the details of the PI and Co-PIs by 12<sup>th</sup> March, 2018. As the programme is approved under SFC, the expenditure for this programme is to be met from the Institute budget.

Expecting your kind cooperation for the successful implementation of the project.

(With kind regards,

Yours faithfully,

(A. Gopalakrishnan)

14/3/18

The Director  
ICAR Central Institute of Fisheries Education (CIFE),  
Vashi Marg, Off Vashi Road,  
Versova, Andheri (W), Mumbai - 400 061,  
Maharashtra.

## Partnership with Private Sector

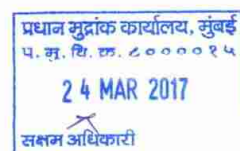
Type of partnership	Name of private sector
MoUs	1. West Coast Frozen Foods Pvt. Ltd., Mumbai 12 <sup>th</sup> January, 2018
	2. Institute of Livelihood Research and Training 6 <sup>th</sup> April, 2018



महाराष्ट्र MAHARASHTRA

2017

RU 862679

Memorandum of Understanding

श्री. सु. का. पाटील

This Memorandum of Understanding is made on this day of 12/01/2018

BETWEEN

The ICAR-Central Institute of Fisheries Education, Panch Marg, Off Yari Road, Versova, Andheri (W), Mumbai 400061, hereafter referred to as Institute (an Institute of ICAR, a Society Registered under the Societies Registration Act-XXI of 1860) represented by the Director of the Institute as the First Party.

AND

West Coast Frozen Foods Pvt Ltd, D-1401 Lotus Corporate Park, Gram Path, Goregaon East, Mumbai-400063, represented by Mr. Rahul Kulkarni, Director as the authorized signatory hence after referred to as company or its authorized representative as the second party on the other part.

-1-



महाराष्ट्र MAHARASHTRA

2018

TC 743459

प्रधान मुद्रांक कार्यालय, मुंबई  
प.स.वि.क. ८००००९२  
- 3 APR 2018  
सदम अधिकारी

### Memorandum of Understanding

श्री. दि. क. गवई

This Memorandum of Understanding is made on this 6<sup>th</sup> day of April 2018

BETWEEN

The Central Institute of Fisheries Education, Fisheries University Road, Versova, Mumbai 400061, hereinafter referred to as the Institute or CIFE (an Institute of ICAR, a Society registered under the Societies Registration Act-XXI of 1860), represented by the Director of the Institute as the First Party,

and

Institute of Livelihood Research and Training', hereinafter referred to as ILRT (Society registered under Andhra Pradesh Societies Registration, 2001) represented by the Dean as the second party on the other part.

7/4/18 6/4/18

Handwritten signature



## 2. General

**2.1 The Central Institute of Fisheries Education (CIFE), Mumbai, India** is a premier National Fisheries University of India under The Indian Council of Agricultural Research (an autonomous organization under the Department of Agricultural Research and Education, Ministry of Agriculture, Government of India) dedicated to development of quality human resources in frontier areas of fisheries and aquaculture. The institution was founded on 6 June 1961 under the Ministry of Agriculture, Govt. of India and was subsequently included in the Indian Council of Agricultural Research in 1979. It was befittingly conferred the Deemed University status in 1989 and since then has contributed immensely to the development of the fisheries sector through its three-pronged mandate of research, teaching and extension.

**2.2 The Institute of Livelihood Research and Training (ILRT), Hyderabad,** is a practice-based research and training institution having expertise on social science research, research, action research, writeshops and training and is located at 3<sup>rd</sup> floor, Surabhi Arcade, Troop Bazar, Bank Street, Koti, Hyderabad 500 001.

## 3. The Premise

It is now widely accepted that promotion of large number of livelihoods, especially for the rural poor and women has emerged as the most significant development challenge of the century. Some estimates show that 12 to 15 million new livelihoods need to be promoted every year in India to ensure near full employment. However, there are two significant bottlenecks, which are witnessed in the field of livelihood promotion: inadequate availability of knowledge base on how to support/ promote large number of livelihoods; and inadequate availability of trained human resources who can participate in this work effectively.

Livelihood interventions are conscious efforts by an agency or an organization to promote and support livelihood opportunities for a large number of people (other than those directly or indirectly employed by them). Government of India has been one of the largest agencies involved in such livelihood promotion efforts. However, the cooperative sector, the corporate sector as also the NGO sector have also contributed and have potential to promote livelihoods in collaboration of public sector agencies including research-based academic institutions like CIFE.

Given that CIFE and ILRT share the objective of improving livelihoods of various communities through fisheries and aquaculture across the country, the two parties will enter into this non-financial MoU to collectively work towards improvement of livelihoods of marginalized communities with reference to this sector.

## 4. Agreement

ICAR-CIFE and ILRT shall sign this agreement to jointly:

- develop concept notes and proposals on collaborative research and action research projects to be submitted to national and international donor agencies (including government departments);

21/3  
- 21/4/18





- develop proposals on socio-technical impact assessment of inland fisheries based project and submit to national and international donors;
- organize conferences and seminars on social and technical dimensions of inland fisheries;
- train practitioners in the field of documentation;
- organize writeshops to document field-based learning resulting into publications;
- facilitate classroom sessions for students around social dimensions of fisheries including entrepreneurship.

#### 5. Amendment to the MoU

During operation of the agreement, if in the opinion of both the parties some alteration or modifications of the MoU is considered essential, these may be mutually discussed and agreed upon in writing.

#### 6. Disputes

Any dispute arising out of operation of the MoU shall be settled through mutual consultations and agreement or arbitration. Arbitrator shall be appointed by the **Indian Council of Agricultural Research (ICAR)**, New Delhi. The decision of ICAR shall be final and binding.

**7. Duration of the MoU:** The duration of this non-financial MoU is for a period of 24 months which commences on 6<sup>th</sup> of April 2018 and expires on 5<sup>th</sup> of April, 2020.

#### 8. Termination

This MoU can be terminated by either Party by issuing a prior notice of 3 months to the other Party.

**IN WITNESS HEREOF**, the Parties, through their duly authorized representatives, hereby agree to the provisions of this Memorandum of Understanding drawn up in two originals.

For CIFE, Mumbai

For ILRT, Hyderabad

Dr. Gopal Krishna

Dr. S. S. Tabrez Nasar

Director and Vice-Chancellor  
ICAR - Central Institute of Fisheries Education  
क.अनु.प.-केन्द्रीय मात्स्यिकी शिक्षा संस्थान  
ICAR - Central Institute of Fisheries Education  
वारी रोड, वरसोवा, मुंबई Vani Road, Versova, Mumbai-61

Dean  
Institute of Livelihood Research and Training  
Hyderabad



Witness:

(Aparna Chaudhary)

Witness:

(AVINASH KUMAR)

## Exchange of faculty (Sabbatical, Visiting Scientist, Adjunct faculty) during 2018

## Faculty of coming from outside University

S.No.	Name of faculty	University
1.	Dr. S.K. Chakraborty, Emeritus Scientist	Former Head and Principal Scientist, ICAR Central Institute of Fisheries Education

## Faculty of University going to other University

S.No.	Name of faculty	University
1.	Dr. Gayatri Tripathi, Adjunct faculty	Tamil Nadu Dr. J. Jayalithaa Fisheries University Nagapattinam, Tamil Nadu
2.	Dr. S. Dasgupta, Advisor for Ph.D. student	School of Oceanographic Studies, Jadavpur University, Kolkata



**ICAR- CENTRAL INSTITUTE OF FISHERIES EDUCATION**

(Deemed University)

Panch Marg, Off Yari Road, Versova,

Andheri (West), Mumbai-400061

Tel. No. 022-26361446/7/8, Fax No. 022-26361573

Web Site : [www.cife.edu.in](http://www.cife.edu.in)



*By Speed Post*

F.No. 2(2)/2017/Admn./Per/ 2828

Dated 1<sup>st</sup> February 2018

To  
Dr. M.B. Chetti  
Assistant Director General (HRD)  
Indian Council of Agricultural Research  
(Agricultural Education Division)  
Krishi Anusandhan Bhawan – II,  
Pusa, New Delhi – 110 012  
Email:- [adghrd1.icar@gmail.com](mailto:adghrd1.icar@gmail.com)

Sub: Forwardal of Joining report of Dr. S. K. Chakraborty, Emeritus Professor,  
CIFE Mumbai – regarding.

Ref.: Council's Memorandum No. Agri. Edn./17/1/EP/2016-HRD dated  
18<sup>th</sup> October 2017

Sir,

With reference to the Council's Memorandum mentioned above,  
Dr. S.K. Chakraborty, Former Principal Scientist of the Institute has joined as  
Emeritus Professor in the forenoon of 15<sup>th</sup> January 2018 at ICAR - CIFE,  
Mumbai.

Copy of the joining report of Dr. S.K. Chakraborty, Emeritus Professor is  
enclosed.

Yours faithfully,

(Mahesh B. Khubdikar)  
Sr. Administrative Officer

Encl.: As above.

✓ Copy for information to Dr. S.K. Chakraborty, Emeritus Professor, CIFE, Mumbai



## TAMIL NADU FISHERIES UNIVERSITY

**Dr. A. SRINIVASAN, Ph.D.,**  
Registrar i/c.,

**FIRST LINE BEACH ROAD,  
NAGAPATTINAM – 611001 - INDIA**

Tel : 04365 – 240088  
Fax : 04365 – 240087  
E-mail : [registrar@tnfu.ac.in](mailto:registrar@tnfu.ac.in)  
Web : [www.tnfu.ac.in](http://www.tnfu.ac.in)

**Lr.No.7026/S1/TNFU/2018 dt. 06.02.2018**

### **NOMINATION OF ADJUNCT FACULTY (Scientist)**

I wish to inform that the Vice-Chancellor, Tamil Nadu Fisheries University, Nagapattinam is pleased to offer the honorary position of an **Adjunct Faculty (Scientist) Member** of this University to you for a period of one year from the date of your acceptance of this offer to have the pleasure of your associations with the teaching faculty for the development / improvement of the Teaching, Research and Extension in our University.

It is further our pleasure to notify your possible contributions as Adjunct Faculty (Scientist) below:

- Associating with teaching and research of Undergraduate and Post graduate education in whatever way it is possible for you.
- Associating with the research that is underway in the research projects of this University.
- Associating with a consultancy service of research or extension for the University.
- Associating with any clinical activity / surveillance or any investigation work that is taken up by the University.
- Associating with any other activities as identified by the University from time to time.

The Adjunct Faculty (Scientist) shall be provided with support facilities like network access, library access and other logistics whenever they visit the University / constituent units of the University as per the policy of the University and it will be as per the Rules and Regulations of the University. Simpler terms governing this honorary position are attached for your reference.

Kindly acknowledge the receipt of this communication as a token of acceptance along with your Bio-data for reference.

*Arasam 6/2/18*  
REGISTRAR i/c.,

Encl.: as above.

To

**Dr. Gayathri Tripathi,**  
AEHM,  
Central Institute of Fisheries Education,  
Mumbai

*06.2.2018*



SCHOOL OF OCEANOGRAPHICS STUDIES

Dr.Subrata Dasgupta

25.09.2018

Senior Scientist, CIFE Kolkata ,

32 GN Block , Salt Lake, Sector 5 , Kolkata 7000 091

Sub : Request to accept Co Supervision of the Ph.D Research work of Ms. Poulomy Chakraborty.

Dear Sir,

Ms. Poulomy Chakraborty (Regn. No:46/14/Oce.stud./23 ,2014of JU)has been working on the problem of "Physiological changes of Indian Shad (Tenulosa ilisha) during migration in the Hooghly – Bhagirathi stretch of Ganga river system" at the School of Oceanographic Studies, Jadavpur University under the DST-INSPIRE fellowship.

I understand that Ms. Chakraborty has desired to work at CIFE laboratory at Kolkata under your guidance to accomplish some of her studies on osmo-regulatory organs of Hilsa for fulfilment of her research objectives.

In view of this, may I request you to kindly act as the Co supervisor of her Ph.D. research with the undersigned?

Considering your expertise in fish physiology, particularly in relation to Hilsa, your kind contribution and guidance would greatly benefit the student in the pursuit of her higher studies.

I would request you to kindly accept our proposal, and kindly intimate us your consent through a 'letter of acceptance' subject to official procedure, along with a copy of your recent CV, duly signed, for the consideration by our doctoral committee.

Thanking you in anticipation for your kind consideration.

With regards

**Dr. Sugata Hazra**  
Professor & Director  
School of Oceanographic Studies  
Jadavpur University, Kolkata - 32



## Number of Enterprises / start-ups promoted by the University



ICAR- Central Institute of Fisheries Education, Mumbai – 400 061

Agribusiness Incubatee (ABI)

## Registration Form


Name	Sachin Deshpande		Age :	M/F
Contact Address	13, Himanshu Mander society, Lalubhai Park road, Vilepar (W) Mumbai - 400056.			
Mobile/Tel	8454999025	Sachindeshpande2498 E-mail : @gmail.com		
Education	BE (Mechanical) MBA Finance			
Current work profile	Entrepreneur			
Are you currently doing any business?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
If Yes, nature of venture sector/description/current status	Erfinden Technologies Pvt. Ltd.			
Investment in venture (Rs)				
Funding sources	Own	Family & Friends	Banks	VCs
Amount (Rs)				
Current turnover (Rs.)		Employment generated through venture		
Are you interested in starting own agribusiness venture?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
When do you plan to start	02/05/19			
Area of interest (please ✓)	Agriculture Horticulture Dairy		Poultry Fisheries Others	

For Innovators Only

रुपया 5000/- प्राप्त किया

केरा रुक ..... दिनांक .....  
प्राप्ति सं 1379 दिनांक 25.5.2019

<b>Current status of venture</b> (please √)	Idea stage <input type="checkbox"/>	Prototype development stage <input type="checkbox"/>	Ready to start <input type="checkbox"/>
What is your innovation about?  What is its uniqueness?  What does it address?			
<b>Do you know about business incubators?</b>	Yes <input type="checkbox"/>	NO <input type="checkbox"/>	
<b>Preferred Incubation Support Package (please √)</b>			
<b>Start-up</b>		Technology/ product, development, transfer, commercialization, patents	
		Business plan & feasibility study	
		Business development and networks	
		Mentoring and consultancy	
		Infrastructure Support (lab and office space)	
		Funding support (grant, loan, equity, venture capital fund)	
<b>Consultancy</b>		Field visit & Feasibility study, business plan	
		Contract, corporate, precision, commercial farming, crop modeling, value chain development	
		Capacity development, training staff on new technologies	
		Strategic planning, business planning, mentoring	
		Fund mobilization, management	
		Staff recruitment, SOP	

  
Signature

ICAR- Central Institute of Fisheries Education, Mumbai –

Agribusiness Incubatee (ABI)

Registration Form



Name	DEEPEEN MODI		Age : 36	<input checked="" type="checkbox"/> M/F
Contact Address	705, FORTUNA-B, LODHA PARADISE, NEAR MAJIWADA FLYOVER, THANE (W) PIN- 400601			
Mobile/Tel	77100 - 21786	E-mail : deepenmodi@gmail.com/ deepen.modi@aquaticlivihoods.org		
Education	MA in SOCIAL WORK ; MBA ; BE			
Current work profile	FOUNDER OF AQUATIC LIVELIHOODS [SOCIETY/ NGO]			
Are you currently doing any business?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
If Yes, nature of venture sector/description/current status				
Investment in venture (Rs)				
Funding sources	<input checked="" type="checkbox"/> Own	<input checked="" type="checkbox"/> Family & Friends	<input type="checkbox"/> Banks	<input type="checkbox"/> VCs
Amount (Rs)				
Current turnover (Rs.)		Employment generated through venture		
Are you interested in starting own agribusiness venture?	Yes <input type="checkbox"/>	No <input type="checkbox"/>		
When do you plan to start				
Area of interest (please ✓)	Agriculture Horticulture Dairy		Poultry Fisheries ✓ * Others	
For Innovators Only				

\* Backyard aquaculture [Aquaponics, Eco hatchery]

<b>Current status of venture (please √)</b>	Idea stage <input type="checkbox"/>	Prototype development stage <input checked="" type="checkbox"/>	Ready to start <input type="checkbox"/>
What is your innovation about? What is its uniqueness? What does it address?			
<b>Do you know about business incubators?</b>	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
<b>Preferred Incubation Support Package (please √)</b>			
<b>Start-up</b>	<input checked="" type="checkbox"/>	Technology/ product, development, transfer, commercialization, patents	
	<input type="checkbox"/>	Business plan & feasibility study	
	<input type="checkbox"/>	Business development and networks	
	<input checked="" type="checkbox"/>	Mentoring and consultancy	
	<input checked="" type="checkbox"/>	Infrastructure Support (lab and office space)	
	<input type="checkbox"/>	Funding support (grant, loan, equity, venture capital fund)	
<b>Consultancy</b>	<input type="checkbox"/>	Field visit & Feasibility study, business plan	
	<input type="checkbox"/>	Contract, corporate, precision, commercial farming, crop modeling, value chain development	
	<input type="checkbox"/>	Capacity development, training staff on new technologies	
	<input type="checkbox"/>	Strategic planning, business planning, mentoring	
	<input type="checkbox"/>	Fund mobilization, management	
	<input type="checkbox"/>	Staff recruitment, SOP	

Date: 07-MAR-19

5000/-  
 प्राप्त किया  
 दिनांक 7/3/19  
 1328  
 Cashier  
 शिक्षा संस्थान  
 Education

Signature



# ICAR- Central Institute of Fisheries Education

## Agribusiness Incubatee (ABI)

### Registration Form



Name	Mr. Santosh Sabaji Modhale			Age : 23	M/F
Contact Address	CTS-683, Satare Wadi, Madh Jetty Road, Behind Darya Mata Church Mumbai - 400061				
Mobile/Tel	9004009084		E-mail :		
Education	HSC				
Current work profile					
Are you currently doing any business?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
If Yes, nature of venture sector/description/current status					
Investment in venture (Rs)					
Funding sources	Own	Family & Friends	Banks	VCs	
Amount (Rs)					
Current turnover (Rs.)		Employment generated through venture			
Are you interested in starting own agribusiness venture?	Yes <input type="checkbox"/> No <input type="checkbox"/>				
When do you plan to start					
Area of interest (please √)	Agriculture Horticulture Dairy		Poultry Fisheries <input checked="" type="checkbox"/> Others		

For Innovators Only

Pos 5000/- प्राप्त किया  
दिनांक 31/10/18  
किस बुक  
प्राप्ति सं. 000103 दिनांक 31/10/18



<b>Current status of venture</b> (please √)	Idea stage <input type="checkbox"/>	Prototype development stage <input type="checkbox"/>	Ready to start <input type="checkbox"/>
What is your innovation about?			
What is its uniqueness?			
What does it address?			
Do you know about business incubators?	Yes <input type="checkbox"/>	NO <input type="checkbox"/>	
<b>Preferred Incubation Support Package (please √)</b>			
<b>Start-up</b>	<input checked="" type="checkbox"/>	Technology/ product, development, transfer, commercialization, patents	
	<input type="checkbox"/>	Business plan & feasibility study	
	<input type="checkbox"/>	Business development and networks	
	<input type="checkbox"/>	Mentoring and consultancy	
	<input type="checkbox"/>	Infrastructure Support (lab and office space)	
	<input type="checkbox"/>	Funding support (grant, loan, equity, venture capital fund)	
<b>Consultancy</b>	<input type="checkbox"/>	Field visit & Feasibility study, business plan	
	<input type="checkbox"/>	Contract, corporate, precision, commercial farming, crop modeling, value chain development	
	<input type="checkbox"/>	Capacity development, training staff on new technologies	
	<input type="checkbox"/>	Strategic planning, business planning, mentoring	
	<input type="checkbox"/>	Fund mobilization, management	
	<input type="checkbox"/>	Staff recruitment, SOP	

Date: 31/10/2018

*Santosh*  
31/10/18  
Signature



## Agribusiness Incubatee (ABI)

### Registration Form

Name	Pradhan Suresh		Age	59	M	M/F
Contact address	Ranchandve, At. Post: Nagaj; Dist: Sangli, Tal: Kawatbe Mahankel; Mahankel - 416 403					
Mobile #/Tel #	9764703111	Email				
Educational background	S.S.C					
Current work profile	Farming					
Are you currently doing any business?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
If Yes, nature of venture sector/description/current status	Farming + Poultry + Fishery					
Investment in venture (Rs)						
Funding sources	Own	Family & Friends	Banks	VCs		
Amount (Rs)						
Current turnover (Rs)		Employment generated through venture				
Are you interested in starting own agribusiness venture?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
When do you plan to start?						
Area of interest (please ✓)	<input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Horticulture <input type="checkbox"/> Dairy		<input type="checkbox"/> Poultry <input type="checkbox"/> Fisheries <input type="checkbox"/> Others			

forwarded  
Balangadik  
10/9/18.

carrier R. 5000 - accepted

5000/-  
दिनांक 10/9/18  
कैसा बुक 1070  
प्रति से 1070  
Control Room  
Mumbai, 400 001

For Innovators Only			
Current status of venture (please ✓)	<input type="checkbox"/> Idea stage	<input checked="" type="checkbox"/> Prototype development stage	<input type="checkbox"/> Ready to start
What is your innovation about? What is its uniqueness? What does it address?			
Do you know about business incubators?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Preferred Incubation Support Package (please ✓)			
Start-up		Technology/ product, development, transfer, commercialization, patents	
		Business plan & feasibility study	
		Business development and networks	
		Mentoring and consultancy	
		Infrastructure Support ( lab and office space)	
		Funding support (grant, loan, equity, venture capital fund)	
Consultancy		Field visit & Feasibility study, business plan	
		Contract, corporate, precision , commercial farming, crop modeling, value chain development	
		Capacity development, training staff on new technologies	
		Strategic planning, business planning, mentoring	
		Fund mobilization, management	
		Staff recruitment, SOP	

Date: 10.09.2018

*Shah* 10.09.2018  
Signature



Number of students employed in Public/Private/Banking Sectors	Total number of PG students passed out in 2018	Percentage (%)
16	63	25.39

## List of students employed in Public/Private/Banking Sectors

Sl No.	Name of students	Placement in department/sectors (Public, Private, Banks etc.)
1.	Ms. Puja Chakraborty	Guest faculty, College of Fisheries, Chhattisgarh
2.	Mr. Abhijit Mallik	Guest faculty, College of Fisheries, Chhattisgarh
3.	Ms. Chellamanimegalai P.	Teaching Assistant, Tamil Nadu Dr. J. Jaylalitha Fisheries University, Tamil Nadu
4.	Ms. Jenishma J.S.	Fisheries Inspector, Tamil Nadu
5.	Ms. Hemamalini N.	Teaching Assistant, Tamil Nadu Dr. J. Jaylalitha Fisheries University, Tamil Nadu
6.	Ms. Barkha Rani Chetia	FDO, Department of Fisheries Assam
7.	Mr. Narang Taming	FO, Arunachal Pradesh
8.	Mr. Neriya Janoh	FO, Arunachal Pradesh
9.	Mr. Manickavasagam S.	Scientist B, INCOIS, Hyderabad
10.	Mr. Deepjyoti Bora	FDO, Department of Fisheries Assam
11.	Mr. Khandakar Jahanor Ikram	FDO, Department of Fisheries Assam
12.	Mr. Nitesh Gurung	ADF, Department of Fisheries Assam
13.	Ms. Diganta Chetia	FDO, Department of Fisheries Assam
14.	Mr. Ajoy Chutiya	FDO, Department of Fisheries Assam
15.	Ms. Bhumika Arora	Faculty in Tutorial, Punjab
16.	Ms. Dusanapudi Lekshmi S.N.A.	Field Assistant, MPEDA

  
 03-06-2018  
 (Sanath Kumar)  
 Member, PDCCC







## **ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION**

(University under Sec.3 UGC Act, 1956)

Indian Council of Agricultural Research

Panch Marg, Off Yari Road, Mumbai – 400 061

+91 22 263636404 / 26374306

[www.cife.edu.in](http://www.cife.edu.in)