



From the Editor's Desk

I am extremely happy and delighted to bring the subsequent issue of the COF Newsletter Vol. 2 Issue 3 on a regular basis. The important highlight includes the academic, research and extension activities of the college and the visit of important dignitaries including Dr. Harsh Vardhan, the Hon'ble Union Minister for Science, Technology & Earth Sciences. During his visit, he advised the students to be proactive and try to contribute towards nation building in a worthy manner through out of the box innovative thinking under the current scenario and further applauded the research facilities created by the college so far. I am very much thankful to the fraternity of the college for contributing enormously to the one-dimensional motto of achieving the best college among the existing fisheries colleges in the country. Our students have been securing good position in both ICAR-JRF and ARS examinations and we hope to continue the trend for a longer period. With regard to other co-curricular activities, the students are involved in various literary and cultural competitions inside and outside the college. Recently, we concluded the college week 2015 successfully where the talent showcase on various events were witnessed. We also celebrated important days like National Sports Day, National Fish Farmers' Day and Hindi Diwas. Apart, we also celebrated the International Day for the Preservation of Ozone Layer in collaboration with the Dept. of Science, Technology and Environment, Govt. of Tripura where, Smt. Bijita Nath, Hon'ble Minister for Science, Technology and Environment, Govt. of Tripura was also present. An Inter Collegiate competition on Quiz, Seminar, Poster and Collage competitions were also held in connection with the programme.



Lastly, my heartfelt appreciation applause goes to the team of the editorial committee of the COF Newsletter for all the hard work and dedication in timely publication of the newsletter. I wish the team a successful and fruitful endeavour in future.

Prof. R. K. Saha

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A panoramic view of the dignitaries on dais during the visit of Dr. Harsh Vardhan, the Hon'ble Union Minister for Science & Technology and Earth Sciences



Dean, College of Fisheries presenting during celebration of International day for preservation of the Ozone layer



Students performing March Past during College Week - 2015

ACADEMIC HIGHLIGHTS

Rural Agricultural Work Experience (RAWE) of visiting students

A five days skill oriented training programme on aquaculture and value added fisheries products for the graduating agriculture students of College of Agriculture, Lembucherra, Tripura were conducted by the college as a part of the RAWE programme during 7th -11th Sept., 2015.



Performance at the Agricultural Research Service (ARS) examination 2014

A total of six students who graduated from the College of Fisheries, CAU, Tripura brought fame and honour by successfully qualifying the ARS examination 2014 and joining the prestigious Indian Council of Agricultural Research (ICAR).



Mr. S. Gojendro Singh
(2008-12)



Mr. Jackson Debbarma
(2008-12)



Ms. Peetambari Devi
(2007-11)



Mr. Abhay Kumar
(2005-09)



Mr. Tasso Tayung
(2007-11)



Mr. Anirban Paul
(2008-12)

Inter-Collegiate competitions

As a part of the celebration of the International Day for the Preservation of Ozone Layer in collaboration with the Dept. of Science, Technology and Environment, Govt. of Tripura a quiz, seminar, poster and collage competitions were held at the campus during 27-28 Sept. 2015 and participated by ICFI University, Holy Cross College, College of Agriculture and College of Fisheries. Our students took part in various competitions and secured positions as under :-

Name of the student	Event	Position
Mr. Somlang Tesia, B.F.Sc. 3 rd yr.	Quiz	2 nd
Mr. Tao Kara, B.F.Sc. 1 st yr.		
Ms. Langlenbi Maibam, B.F.Sc. 1 st yr.	Poster	2 nd
Mr. Manu Mog, B.F.Sc. 3 rd yr.	College	1 st
Mr. Duchen Lepcha, B.F.Sc. 3 rd yr.	College	2 nd

RESEARCH HIGHLIGHTS

Evaluation of dietary protein requirement of Reba Carp, *Cirrhinus reba* (Hamilton, 1822) fingerlings using semi-purified diet

A 105 days experiment was carried out to evaluate the dietary protein requirement of Reba carp (*Cirrhinus reba*) fingerlings using semi-purified diet. In the study, the growth parameters including mean weight gain and specific growth rate were significantly higher in the fish fed with 30% protein diet, compared to other diets with protein levels of 35%, 40%, 20% and 25%. Yield parameters including net biomass gain, daily weight gain and net fish yield in 30% protein diet showed significantly higher values than other diets. Therefore, based on these observations it can be concluded that diet with 30% crude protein is optimum for overall performance including growth, survival and feed utilization for Reba carp, *Cirrhinus reba* fingerlings in laboratory condition using semi-purified diet.



Measuring fish size during sampling



Ingredients used for feed preparation

Women participation in fisheries activities with reference to empowerment in Bishnupur district, Manipur

The study was conducted to evaluate the empowerment of women through participation in fisheries activities in Bishnupur district of Manipur. One hundred and twenty women formed the sample for the study. Extent of gain in empowerment of women through participation in fisheries activities was 35 per cent and total empowerment was to the extent of 66 per cent. The participation of farm women was maximum in aspects of capture fisheries, followed by post harvesting, marketing of fishes and stocking of fish seeds. The 'Z' values revealed that, there was significant difference in index values of empowerment of rural women before and after taking up fisheries activity, which clearly revealed the fact that participation in fisheries activity significantly contributed for enhancement in empowerment. Lack of access and control over resources (1.80), low access to credit (1.74), lack of confidence in technical issues (1.60), lack of women friendly aquaculture technology mainly in harvesting of fishes were the major constraints in empowerment of women through participation in fisheries activities.



Fish seller in Bishnupur market



Fermented fish seller at Bishnupur Market



