

Photo Gallery



23 October 2013
Workshop on ICAR ERP system



11-16 November 2013
Refresher Course on Advances in Fisheries and Aquaculture Development for the Officials of North East States



26 January 2014
Republic day Celebrations in the Campus



January 2014
Dr. Arvind Kumar, DDG (Education) distributing certificates to the participants of Short-term Training programme



14 February 2014
Dr. M.V. Rao, Chief Executive, NFDB at CIFE



28 March 2014
Dr. V.N. Sharda, Member, ASRB visiting ASRB-NET online Examination Centre at CIFE

Compiled and Edited by:

N.P. Sahu, Nalini Poojary and Dasari Bhoomaiah

Published by:

Dr. W.S. Lakra, Director and Vice Chancellor, CIFE, Mumbai

Central Institute of Fisheries Education

(University under Sec.3 of UGC Act)
Indian Council of Agricultural Research
Panch Marg, Off Yari Road, Mumbai 400061.
Phone: 022-26361446/7/8

email: contact@cife.edu.in, website: www.cife.edu.in



CIFE NEWS

मत्स्य दर्पण

Matsya Darpan

Vol. 18 No. 54 1 October 2013 - 31 March 2014

CIFE Students exhibited outstanding performance in ARS 2013



11
12

Fisheries Resource Management

25
27

Aquaculture

4
4

Fish Processing Technology

14
14

Fish Nutrition

19
19

Fish Health

15
15

Fish Genetics & Breeding

Human resource created by CIFE in fisheries science has shown its supremacy by claiming 88 out of 91 positions in ARS Examination-2012 conducted by ASRB.

...INSIDE

- CAFT training
- SAS Training
- KOHA Training
- Syllabus Review
- MoU Signed
- Science Club Lectures
- Invited Guest lectures
- National Seminar in Hindi
- CIFE-Industry Day
- Workshop-cum-Farmers' Meet
- Visits Abroad
- New Conference Room Inaugurated
- ICAR-ERP
- Visit of Foreign Delegation
- Honours and Awards



CIFE the winner of "Academic Leadership award" from Times Group ...see page 7

Successful dissemination of Technology for commercial farming of Tiger Shrimp (*Penaeus monodon*) in saline affected soils of Haryana

The Rohtak Centre of Central Institute of Fisheries Education, Mumbai (Indian Council of Agricultural Research) has successfully demonstrated commercial farming of tiger shrimp (*Penaeus monodon*) in the saline affected fields of Haryana. Tiger shrimp can not survive in raw inland saline waters due to ionic difference with seawater. However, the technology for the commercial farming of Tiger shrimp (*Penaeus monodon*) using inland saline water has been successfully developed and standardized through research intervention at CIFE Rohtak Centre. Field trials have been conducted for the last 5 years at CIFE Rohtak Centre and after thorough investigations standard package of practices have been developed for the cultivation of Tiger shrimp in the saline affected soils. Seeing the results obtained for the last few years, a project was submitted under NABARD's Rural Innovation Fund (RIF) with a grant assistance of Rs. 7.11 lakh for the technology demonstration in the saline affected farmers field at 2 locations, Baniyani and Bainsi in the Rohtak District, Haryana, taking the farmer

...contd page 6

Centre of Advanced Faculty Training



Advances in Aquatic Animal Health Management in Finfish and Shellfish 11-31 October, 2013 (17 participants)



Development and Nano-sizing of Biotechnological Products for Fisheries and Aquaculture 5-25 February, 2014 (15 Participants)

SAS training

'Strengthening Statistical Computing for NARS'
A National Training program on 'SAS for Developing Predictive Models in Agriculture, Animal and Fisheries Science' from 18-23 November, 2013 as part of NAIP (component-I) Project 'Strengthening Statistical Computing for NARS'. A total of 24 trainees from all over India attended the training program.

KOHA training

Two Workshops on "Library Software Management: KOHA" were conducted under the NAIP project, e-Granth on 24th October, 2013 and 30th November, 2013. A total number of 30 participants attended the programme. The administration staff from headquarter and subcenter of CIFE were given training on efficient use of library software "KOHA" for their routine work. Another training was exclusively for the students. Besides "KOHA" the ethics of research paper writing and plagiarism was appraised to them. Mr. Hemant Shetye (OSS Lab, Koha) and Ms. Jyoti Bhabal (Professor, SNTD) delivered the lecture about the KOHA software and made a presentation on Installation of KOHA software.

HONOURS AND AWARDS



Award from NABARD for Partnership Excellence Received from the Additional Secretary, Govt. of Haryana



Dr. W.S. Lakra, Director & Vice Chancellor receiving Academic Leadership Award for the institute from the Hon'ble Governor Shri Banwari Lal Joshi and Dr M.S. Swaminathan on the occasion of 6th Agriculture Leadership Award of Agriculture Today, The National Agriculture Magazine held on 16 September 2013



Mrs. Vidya Shree Bharti, Scientist bagged the JSPRS (Japan Society of Photogrammetry and Remote Sensing) award for outstanding Paper on Cdom-Indicator of eutrophication in the Case-2 water of Mumbai marine environment at the 34th Asian Conference on Remote Sensing at Bali, Indonesia held during October 20 to 24, 2013.



Shri Dasari Bhomeiah, Asst. Chief Technical Officer was felicitated with an appreciation award for designing the logo for AgrInnovate India Ltd. New Delhi by Dr. Abhijit Sen, Member, Planning Commission on 19th October 2013, their foundation day



New Conference Room Inaugurated

The new conference room of the Institute was inaugurated on 25th March, 2013. Dr. Gopa Kumar, Former DDG (Fy) and Chairman, Research Advisory Committee of the Institute inaugurated the conference. Dr. W.S. Lakra, Director and Vice Chancellor and honorable members of RAC were also present during the occasion. The conference room is having 110 seating capacity and is equipped with the state of the art audio visual system.



ICAR-ERP

ICAR ERP 'Implementation of Management Information System (MIS) including Financial Management Information System (FMS)'

CIFE, Mumbai went live for Management Information System (MIS) including Financial Management Information System (FMS). Dr. W.S. Lakra, Director/Vice Chancellor inaugurated the online ERP System on 1st Feb 2014. On the occasion he stated importance of adopting new technologies in managing the institute's finance and resources. He called upon all officials to use the system fully to optimize the resource utilization. On the occasion Mr. Suresh Chandra, CF&AO and CCPI of the project and Dr. Shrinivas Jahageerdar, Principal Scientist and CCCPI and Mr. G.S. Deshbandhu, Senior Registrar were also present. IBM India Pvt. Ltd provided onsite support from February 1st to 31st March, 2014.

Syllabus Revision

A major syllabus review exercise was conducted in the month of Feb-March to be on par with the growing demands of the students requirements and to keep abreast with the latest knowledge. Division-wise meetings were conducted where experts in relevant fields were invited to give their inputs in the syllabus revision process.



MoU signed

The MoU between CIFE and *Chhattisgarh Kamdhenu Vishwavidyalaya (CGKV)*, Durg was signed by Dr. W. S. Lakra, Director, CIFE and Prof. U.K. Mishra, Vice Chancellor, CGKV on October 17, 2013.



Successful dissemination of Technology... (Contd. from page1)

beneficiaries under JLG (Joint Liability groups) mode. Each JLG has 5 members who in collaboration with Haryana Gramin Bank enable the farmers to get credit support. The technology has been successfully demonstrated at both the sites proving the viability of the technology. A programme to showcase the technology was arranged at CIFE Rohtak on 19.11.2013 at Lalhi centre. **Maj. Gen. Shri Kant**, Vice Chancellor of LLRVASU, Hissar and **Shri Yudhveer Singh**, prominent farmers leader were the Guests of Honour. **Dr D. V. Deshpande**, CGM, NABARD RO, Haryana along with **Shri B. Naik**, DGM, NABARD, **Shri Praveen Jain**, Chairman, HGB, senior officers from various public sector banks, line departments, NGOs, media and the fish farmers from various zones of Haryana participated in the event. Live harvesting of Tiger shrimp was organized at one of the demonstration ponds located at Baniyani Village of Rohtak district, Haryana to showcase the results. The demonstration was accorded a very good response from the farmers and many have shown their keen interest in the adoption of the technology in the coming years. There was an overwhelming response from all the bankers and most of them have agreed to provide loans for shrimp culture in the saline affected soils. Since saline soil is not fit for growing of any agricultural crops, the present technology developed by CIFE is raised a hope of income generation from the unproductive soil.

Foreign delegates delegates from Mozambique



Science Club

Date	Speaker	Topic
26th October	Dr Adercolu Zaid	Fisheries Education in Nigeria: An Overview
23 Nov 2013	Dr Vidyashree Bharati	CDOM- Indicator of eutrophication in the case-2 water of Mumbai marine environment
1 Feb , 2014	Dr Pavan	Metagenome Analysis using Ion Torrent Sequencing Platform
1 Mar, 2014	Prof. Sharmila Majee	Biosafety Issues and Regulations in Scientific Research

Invited guest lectures from India and abroad

A Guest Lecture on "Does over exploitation lead to disruption in sex differentiation?" by Prof T. J. Pandian who is an authority in Hormonal induction of sex reversal, Inter specific androgenetic cloning, Conservation of genomic diversity of fish and Transgenesis was delivered on 2 October, 2013

Prof. Volker Gurtler, an eminent Molecular Pathologist cum Microbiologist and also the Editor of the Journal of Microbiological Methods, Professor, RMIT University, Melbourne (Australia) delivered a lecture and later had a discussion with the students and faculty on 03 October 2013.

Dr Amit K. Bhattacharya, Application Scientist, Life Science Research, Leica Microsystems, New Delhi, delivered a talk on "Multi Colour Imaging in Confocal

Microscopy" as a part of the Leica initiative, "Science Lab" on 11 December 2013.

Dr Aram Mikaelyan, Post Doctoral Fellow at Max Planck Institute for Terrestrial Microbiology, Germany delivered a talk on "Ecological and Evolutionary factors shaping gut communities" on 4 January, 2014.

Dr Anna Godhe, Professor, Marine Ecology, Department of Biological and Environmental Sciences, University of Gothenburg, Sweden delivered a talk on "The implication of genetic diversity among phytoplankton" based on interesting studies she has made. The talk was arranged on 6th February 2014.

National Seminar on New Agricultural Technologies and Challenges to Indian Agriculture (in Hindi)

A National seminar on New Agricultural Technologies and Challenges to Indian Agriculture (*Krishi ki adhunik Pradyogi ki Uplabdhayan aur Chunotiya*) was organized during 14-15 December, 2013. Around 400 scientists from all over the country along with students and researchers attended the event. About 75 research papers were presented. A.S. Faroda, Director of Vijayraje Scindia Agricultural University, Dr. A.K. Singh, Director of the Central Agricultural University, Dr. S. N. Puri along with distinguished scientist were present in the seminar. On this occasion the Director urged the young scientists to move along with the global trends and work towards developing new technologies to meet the present challenges faced by the Indian farmers



CIFE launches FishPaneer™ on CIFE-Industry Day



Central Institute of Fisheries Education (CIFE), Mumbai celebrated National Science Day on 28 Feb 2014 by organizing CIFE-Industry Day. Dr. W.S. Lakra, Director, CIFE, Mumbai welcomed the dignitaries and highlighted the importance of Industry Day and detailed the initiatives taken by ICAR and CIFE to develop linkages with the industry. He emphasized on the opportunities and scope in seafood sector and stressed upon the need for commercial activities based on innovations. He urged all the participants to develop entrepreneurship in the area of fish and fish based products by deriving benefit from the strength of both

academia and industry for an inclusive and sustainable growth of the sector.

Dr A.K.Pal, Joint Director, CIFE explained the importance of this celebration and appreciated the participation of industries in large number and called upon for establishing a close liaison to work together in participatory and collaborative mode. Dr. G. Venkateshwarlu, Chairman, ITMU, presented a profile of technologies developed by the institute, technology transfers and entrepreneurship development activities of the institute.

On this occasion, while addressing the gathering as Chief Guest, Padma Bhushan Prof M. Mahadevappa

launched the FishPaneer™, a new value added product developed by CIFE. Dr. Mahadevappa stressed upon the need for commercialization of technologies for ultimate benefit to the farmers and consumers. He advised the students to become 'job providers' instead of 'job seekers'.

Mr Rafiq M. Naik, Chief Executive Officer and Member, Board of Management of CIFE, was the Guest of Honour. Dr V.S.Somvanshi, Ex-Director General, FSI; seafood industry representatives; entrepreneurs; participants from MPEDA and fisheries cooperatives; and students participated in the event.



Workshop-cum-Farmers' Meet on Research and HRD Needs for Fisheries and Aquaculture Development in Sikkim at Gangtok

Workshop-cum-Farmers' Meet on Research and HRD Needs for Fisheries and Aquaculture Development in Sikkim at Gangtok was organized on 08th March, 2014. Shri Sunil Pradhan, Joint Director welcomed the guests and farmers. The Chief Guest Shri Sanoj Kumar Jha, IAS, Commissioner-cum-Secretary, Department of Animal Husbandry and Fisheries inaugurated the workshop. In his inaugural speech, he stressed on the need of training of farmers and officials, and demonstration programs to enhance productivity. He specifically mentioned about the demonstrations on prawn culture. The Guest of Honour, Dr. Ravikant Avasthe, Joint Director, ICAR Complex for Sikkim spoke on the occasion about resources and potential of fisheries in Sikkim. Shri Bhutia, Director of Fisheries, Sikkim proposed vote of thanks. Scientists also visited Departmental Fish Farm at Makha, Near Singtam, East Sikkim to explore the possibilities of undertaking demonstration programs on giant freshwater prawn culture.

Workshop -cum-Farmers' Meet on Fisheries and Aquaculture Development in Nagaland: Research and HRD needs was organized on 14th February, 2014 Kohima-Dimapur, Nagaland.

Scientists of CIFE visited trout hatchery at Uttarey in Sikkim during 8-9th February, 2014 to find out the reasons for mortality of trout in early stages and suggested measures. Discussions were held with the officials of the Department of Fisheries about the establishment of Chocolate mahseer hatchery, demonstration programmes, research and HRD needs.



Visit Abroad

SNo	Name	Programme	Funding Agency	Venue	Duration
1	Dr P. Gireesh	International training on Marker Assisted Selection	NAIP, ICAR	Department of Biology, University of Kentucky, Lexington, Kentucky, USA	17 Oct 2013 to 16 Jan 2014
2.	Dr A. Pavan Kumar	Conservation of genetic resources (Fisheries)	NAIP, ICAR	Department of Biological Sciences, University of Andes, Bogota, Colombia, South America.	Oct-Dec 2013
3.	Dr M .Makesh	'Development of Enzyme linked Immuno-spot (ELISPOT) and antibody in lymphocyte supernatant (ALS) assay to assess the mucosal immune response in fish	DBT-CREST	Department of Fish and Wildlife Resources, College of Natural Resources, University of Idaho, Moscow, Idaho, USA.	17 Nov 2013 to 14 Feb 2014
4.	Dr K. V. Rajendran	Workshop on Multi-disciplinary approaches to fish health and disease research (Attended as Country delegate)	ICAR	UK's Biotechnology and Biological Sciences Research Council (BBSRC) Birmingham, UK	18-19 Mar 2013