

REGISTRATION FORM

1. Title of the course:
2. Name of the candidate (in Capital Letters):
3. Gender (Male / Female / Transgender):
4. Nationality:
5. Highest Education Qualification:
6. Category: (Aqua Farmer/ Fisher/ Farmer/ Aqua Technician/ Input Dealer/ Input Supplier/ Aqua Industry/ Aqua Marketing/ State Government/ Central Government/ Development Boards/ Commercial Banks/ Other Financial Institutions/ Research Scholar/ Student/ Others (Please specify):
7. Designation if employed, name and address of the employer:
8. Complete postal address with Pin code:
9. E-mail ID:
10. Mobile No.:
11. Whether belong to SC/ST Category: Yes / No
12. Particulars of the course fee DD / NEFT UTR Number etc.

I certify that the information furnished above is correct to the best of my knowledge and my records

Date:

Place: Signature of the applicant

13. Recommendations of forwarding Institute:

Signature with seal

Designation:

Date:

Address:

IMPORTANT DATES

Last date for receipt of nomination: 5th Oct., 2023

Training: 9th to 14th October, 2023



COURSE ADVISOR

Dr. Kuldeep K. Lal
Director, ICAR-CIBA, Chennai

COURSE DIRECTOR

Dr. Debasis De
Head of Regional Centre
KRC of ICAR-CIBA, Kakdwip, South 24 Parganas

COURSE CONVENER

Mr. Biju I.F.
Scientist, Kakdwip Research Centre of ICAR-CIBA
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Dr. N. S. Sudheer
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CORRESPONDENCE

Please send the application in E-mail to:
Head of Regional Centre
Kakdwip Research Centre
ICAR-Central Institute of Brackishwater Aquaculture
E-mail: krckakdwip@gmail.com / oic_krc.ciba@icar.gov.in



**Hands on training
on shrimp and
mudcrab
aquaculture in
eastern India**



9th to 14th October, 2023

**Central Institute of Brackishwater Aquaculture
Kakdwip Research Centre**

(Indian Council of Agricultural Research)
Kakdwip, South 24 Parganas, West Bengal – 743 347, India
Tel. No.: 03210 – 255072, Fax No.: 03210 - 257030
E-mail: krckakdwip@gmail.com / oic_krc.ciba@icar.gov.in

KAKDWIP RESEARCH CENTRE OF ICAR-CIBA

Kakdwip Research Centre (KRC) came into existence in the year 1968 as a brackishwater experimental fish farm under the Central Inland Fisheries Research Institute, Barrackpore. Later, on 1st April 1987, it was brought under the aegis of ICAR-Central Institute of Brackishwater Aquaculture (CIBA), Chennai to facilitate research and provide technological support to the growing brackishwater aquaculture sector of the country. KRC has completed 55 years in serving the brackishwater sector of the nation. The centre has scientific, administrative and technical manpower, well-developed farm facilities and well equipped laboratories to cater the needs of brackishwater aquaculture research, training (HRD), outreach and demonstration. KRC campus comprises of around 17.99 ha total area. The farm facility consists of 42 experimental ponds and 9 nursery ponds with combined water spread area of 10 ha. The office infrastructure comprises of office buildings, laboratories, live feed culture unit, modern feed mill, challenge shed, experimental yards, recirculatory aquaculture system (RAS), power sub-station, staff quarters (type IV-2 nos; type III-8 nos; type II-4 nos; type I-12 nos.) and a trainees hostel

INTRODUCTION

The brackishwater aquaculture in the country is synonymous with the shrimp farming and the farming of brackishwater shell fishes is popular among the farmers due to the higher returns achieved. This achievement was possible due to the intervention of scientific farming practices and also by the adoption of best management practices. Shrimp farming once mainly based on the tiger shrimp *Penaeus monodon* farming is now shifted

towards the farming of the Exotic *Penaeus vannamei* shrimp farming. Several setbacks in the past like viral disease outbreaks, poor seed quality etc. hindered the development of the shrimp farming in the country. Mud crabs are another highly priced brackishwater shell fish commodity. Mud crab farming once lost interest among farmers due to lower productivity is coming up with the adoption of new technologies.

Shell fish farming being a highly profitable venture, the risks associated with the farming activities are also very high which will lead to large monetary losses. Farmers and newcomers entering to aquaculture need to understand the technological advancements, recent developments and challenges in the sector for successfully managing an aqua venture. Kakdwip Research Centre, KRC of ICAR-CIBA, Kakdwip have the expertise in farming and developing innovative and low-cost culture technologies in the field of brackishwater crustacean farming. In this outline kakdwip research centre of ICAR-CIBA is organizing a 6 day training programme on "Hands on training on shrimp and mudcrab aquaculture in eastern India" from 9th to 14th October, 2023. We invite interested candidates to join the training programme.

COURSE SUMMARY

- ☞ Site selection, construction, site development and water quality analysis.
- ☞ Recent advances in pond water management.
- ☞ Trouble shooting water and soil quality issues.
- ☞ Seed selection and estimation of seed quality.
- ☞ Molecular diagnosis of shrimp PL for identification of shrimp diseases.

- ☞ Pond fertilization, developing plankton density and water quality management.
- ☞ Feeding and feed management, biomass calculation and check tray estimation.
- ☞ Microbial based pond dynamics and use of probiotics.
- ☞ Best management practices and Biosecurity.
- ☞ Introduction to mud crab farming methods.
- ☞ Fattening of mud crabs in HDPE box systems.
- ☞ Molt stage identification and selective stocking.
- ☞ Feeding and husbandry of mud crabs.

APPLICATION AND COURSE FEE

Aquaculture farmers, Technicians, Entrepreneurs, Academicians, Research Scholars, Students who are all keen to learn about shrimp and mudcrab aquaculture are welcome to join the training. Employed candidates should apply through proper channel. The selected candidates will be intimated by phone/e-mail and they are requested to report on the first day of the commencement of the training course. Interested candidates are requested to pay the fee online and fill the registration form given along with the brochure and send to the mail - krckakdwip@gmail.com / oic_krc.ciba@icar.gov.in. The training fee is ₹ 3500 + 18% GST per candidate, which includes Course fee, training kit, working lunch and refreshments.

TRAVEL AND ACCOMMODATION

The expenditure on travel and TA, DA, etc., has to be borne by the sponsoring authority / organization or by the candidates themselves. Accommodation will be provided in KRC of CIBA trainees hostel on payment basis. No accompanying persons will be allowed.