

Invitation



Aquatic Animal Health Laboratory
OIE Reference Laboratory
C. ABDUL HAKEEM COLLEGE
(Autonomous)
(Re-accredited by the NAAC with 'A' Grade)

DBT – Sponsored National Workshop on
**HANDS-ON TRAINING ON MOLECULAR DIAGNOSTIC
TECHNIQUES**

22nd to 27th April, 2019

To

From :

Dr. A.S. Sahul Hameed, Ph.D.,
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PG & Research Department of Zoology
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REGISTRATION FORM

National Workshop on Hands-on Training on
Molecular Diagnostic Techniques
22nd to 27th April, 2019

Name:
Qualification:
Gender:
Designation:
Department:
Organization:
Address for correspondence:
Phone:
Email:
Registration fees details:

(Signature of candidate)

Forwarding from the Head of Institution/ Competent
Authority: Candidature of Dr./ Mr./ Miss/ Mrs.
.....working
as, is forwarded for inclusion
in the Workshop on Hand-on Training on Molecular
Diagnostic Techniques - 2019.

(Signature and seal of Competent Authority)

Name:

Designation:

Please send the completed registration form to:

Dr. A. S. Sahul Hameed, Ph.D.,
Coordinator, Aquatic Animal Health Laboratory
PG & Research Department of Zoology
C. Abdul Hakeem College,
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Organizing Secretary

Dr. A. S. Sahul Hameed, OIE Expert & FNAAS
Tata Innovation Fellow (DBT)
Chair, Study Group - Nodaviridae
International Committee on Taxonomy of Viruses (ICTV)

Workshop Co-ordinators

Dr. S. Vimal
Dr. S. Abdul Majeed
Dr. G. Taju

Research Scholars of AAHL



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Organized by
AQUATIC ANIMAL HEALTH LABORATORY
PG & Research Department of Zoology
C. ABDUL HAKEEM COLLEGE (Autonomous)
Hakeem Nagar, Melvisharam - 632509.
Vellore District, Tamilnadu.
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Sponsored by
Department of Biotechnology
Ministry of Science and Technology
Government of India, New Delhi

ABOUT INSTITUTION

C. Abdul Hakeem College is managed by the Melvisharam Muslim Educational Society which was established in 1919. It is located at Melvisharam, Vellore Dt., Tamilnadu, approximately 120 Km from Chennai on the Chennai-Bangalore National Highway. The College is affiliated to the Thiruvalluvar University, Vellore. The college has been Re-accredited by the NAAC with 'A' grade and has been given autonomous status by UGC. At present, the College offers 11 Courses at Under-Graduate level and 6 Courses at Post-Graduate level, apart from facilities for research leading to the award of M.Phil. and Ph.D.

ABOUT AAHL

Aquatic Animal Health Laboratory (AAHL) is a part of the Department of Zoology, C. Abdul Hakeem College. This Laboratory has been involved in research on diseases of economically important aquatic animals since the year 2000. It maintains strong working relationships with National and International research organizations, aquaculture industries, farmers and hatchery operators. The objective of AAHL is to carry out research work on diseases of aquatic animals, particularly on developing diagnostics and control and preventive measures. The activities of the AAHL are coordinated by Dr. A.S. Sahul Hameed (Research Coordinator).

More than 120 research papers have been published on diseases of aquatic animals in well reputed International Journals with total impact factor of more than 250, citations 3769, h-index 37 and i10 index 72. The AAHL has 6 ongoing and 24 completed research projects funded by DBT, DST, UGC, ICAR, NFDB, MoES, IFCAR and BIRAC with total cost of more than 15 crores. The outcome of the research projects has been commercialized through a company for the benefit of aquaculture industry. Two products, namely Dr. Sahul's PCR kit for detecting shrimp viruses and Immuzone (herbal immunostimulant) to enhance resistance in shrimp have been commercialized. Few more products are in the process of commercialization.

The AAHL has collaborative research with various National and International Organizations. Some of them are CUSAT, Cochin, ARI, Pune, CIBA, Chennai, CIFE, Mumbai, NBFGR, Lucknow, CIFA, Bhubaneswar, University of Madras, Annamalai University and Jammu and Kashmir Agricultural University, University of Montpellier, France, Institute of Marine Research, Bergen, Norway, Southampton University, UK, St. Andrew University, UK and University of Kelaniya, Sri Lanka.

Recently, DBT funded National Repositories for fish cell lines and viral pathogens of aquatic animals have been established to provide service and training to the researchers in the field of aquatic animal health management.

The AAHL has excellent facilities with wet lab facility and is equipped with modern biological equipment and has 24 hours uninterrupted power supply. The AAHL has a well-established cell culture facility to develop and characterize cell lines from economically important fishes.

In AAHL, all viral pathogens of shrimp, prawn and fish encountered in Indian aquaculture system are being maintained and supplied to various National and International organizations. In addition, plasmids bearing the partial genome fragment of viral pathogens of fish and shrimp (not reported in Indian aquaculture system) are available in AAHL for diagnostic purpose.

WORKSHOP OVERVIEW

The objective of the Workshop is to train the researchers in the field of advanced molecular diagnostic techniques in the field of aquatic animal health. The hands-on training program is designed to cover all kinds of applications of advanced molecular diagnostics. The highlights of the training program will be on hands-on experience and skill development of the participants. A 6 Day workshop has been planned with practical hands-on training on advanced molecular diagnostic techniques which include: Primer designing, PCR, RT-PCR, Real-time PCR, Molecular Cloning, ELISA and Western Blot analysis.

WORKSHOP HIGHLIGHTS

- ✓ PCR, RT-PCR and Real-time PCR techniques using OIE listed viral, bacterial and fungal pathogens of shrimp.
- ✓ Hands-on practical experience supplemented with theory classes to be conducted by experts in the field of molecular techniques.
- ✓ Study materials will be provided to the trainees for better and comprehensive understanding.
- ✓ Limited seats to ensure effectual hands-on individual training (Enrolment is limited to 10 candidates).

Eligibility

PG students, PhD scholars, Faculty, Scientists as well as people working in industry in the field of Biotechnology, Life Sciences, Medical Sciences, Pharmaceutical Sciences, Chemical Sciences and related subject areas.

Registration Fees: Rs. 3,000/- payable by DD in favour of "The Principal, C. Abdul Hakeem College" payable at Melvisharam (Registration fees include bench fee, workshop material, working lunch and Tea).

Number of participants: 10 participants (on first come first serve basis).

Last date for registration: 15.04.2019
Intimation to selected candidates will be sent on or before 20th April, 2019.

Workshop Dates: 22nd to 27th April, 2019.

Workshop Timings: 09:00 am to 6:00 pm every day.

WORKSHOP CERTIFICATE will be issued to all participants on last day.

Accommodation

Accommodation will be arranged in Gents and Ladies hostels for male and female candidates, respectively with nominal charges which should be paid by the candidates. Registration fee is non-refundable.