



## M.E.S. ASMABI COLLEGE

Re-accredited by NAAC with 'B++' Grade

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ACADEMIC REPORT OF NATIONAL WEBINAR ON

ON

## PROSPECTS OF ASIAN SEABASS AND MUD CRAB AQUACULTURE

### **HIGHLIGHTS:**

**Date:** 12<sup>th</sup> January 2022

**Time:** 10 AM to 2 PM

**Platform:** Google Meet

**Video Conference Link:** <https://meet.google.com/yjx-wfzj-dwq>

**Total number of participants:** 107 (Students: 102 – from B.Sc. Aquaculture and B. Voc. Fish Processing Technology, Faculties: 05 – from Aquaculture, Biochemistry and Fish Processing Technology)

**Resource Person:** Dr. Ganesh K, Assistant Director, Marine Products Export Development Authority, Regional Centre, Mangalore , Karnataka.

### **Focal areas discussion based webinar:**

- **Farming and seed production of Asian Sea bass and Mud Crab – recent practices, prospects and constraints.**

#### ***I. The Course of the webinar:***

The webinar was organised with the aim of tailoring the students of Aquaculture and allied subjects in different areas of inclusion of new species in aquaculture (diversification) and trends in farming of potential species in mariculture and brackish water aquaculture.

The programme started at 9.45 AM .00 AM after admitting all participants by 10.05 AM. The speaker joined the programme from his office at mangalore. Principal Dr. A Biju conveyed his best wishes to the programme and inaugurated it. Dr. Kesavan K welcomed the guest and other participants. Sr. Shibu A Nair, Associate Professor, Department of Aquaculture delivered felicitations.

The Resource Person, Dr. Ganesh congratulated the students of aquaculture and B. Voc. FPT for being the specialists in aquaculture and allied fields.

He entered into an elaborate PowerPoint presentation enriched with excellent video clips on the aspect of the webinar. He explained that *Lates calcarifer*, commonly known as the Asian sea bass or giant perch, is known as barramundi in Australia and it has got many local names in our country such as Kalanchi in Kerala, Koduvai in Tamil Nadu etc. It is an economically important food fish in Indo-Pacific countries and It is a high value fish cultured in our country . It belongs to the Family Centropomidae.

It can live, grow, and mature in freshwater or brackish water but spawns in the sea. It is euryhaline thus it can survive from 0 ppt (freshwater) to 35 ppt (seawater) salinity which makes it a most suitable candidate species for culture In both marine as well as fresh water.

The intensive production of this species through cage and open water culture is now being developed and practiced in our country because of its quality taste, white meat and high export market value.

RGCA has taken the lead in showcasing to the mud crab farmer that quality crab seed can be hatchery produced and supplied for culturing for grow out, fattening or production of soft shell crabs. An intensive programme of awareness building and hands on training are necessary at all levels to make such programmes successful. This should also be linked with developing an integrated aquaculture - mangrove silviculture programme. Stock enhancement activities , such as, brood stock management, hatchery production of quality seed and ranching hatchery produced seed and juveniles in mangrove habitats, mark recovery programmes, restoration of mangrove ecosystems and other location specific actions need to be planned, organized and promoted.

### **The Outcome:**

The webinar and the discussions followed it have the following outcomes:

1. Aquaculture is a booming business and industry in India.
2. Mud crab and Sea bass are potential candidates for both seed production and farming, both aspects giving commendable revenue and capable of generating employment opportunities, both to skilled and unskilled personnel.
3. Aquaculture diversification is the current trend both in India and abroad.
4. Youngsters should harness the opportunities available for acquiring skills in the farming and seed production of mud crab and Asian Sea Bass.

Dr. Dhanya P R, Assistant Professor in Aquaculture delivered formal concluding remarks and vote of thanks. The resource person Dr. K Ganesh concluded that he was extremely happy in interacting with the students and faculties for actively involving in the webinar and interactive session.

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**Sd/- (Dr. Kesavan K)**

**Head of the Department.**

Copy to:

1. Principal.
2. IQAC
3. Dept. file

**Addendum**

Programme Brochure:

The brochure is a vertical rectangular poster with a blue background and orange accents. At the top, it reads 'M.E.S ASMABI COLLEGE DEPARTMENT OF AQUACULTURE' and 'Presents National Webinar on'. The main title is 'Prospects of Asian Seabass And Mud crab Aquaculture'. Below the title, it lists the date '12<sup>th</sup> January 2022' at '10 am' via 'Google meet'. A photo of a red crab on a plate is on the left. The resource person is 'Dr. Ganesh K', Assistant Director, MPEDA, Mangalore. The organizing committee includes 'Dr. A.Biju Principal', 'Dr. K. Kesavan', 'Shri Shibu A. Nair', and 'Dr. Dhanya P.R.'.

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DEPARTMENT OF AQUACULTURE

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**Prospects of  
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12<sup>th</sup> January  
2022

10 am

Google meet



Dr. A.Biju  
Principal

Organizing Committee  
Dr. K. Kesavan  
Shri Shibu A. Nair  
Dr. Dhanya P.R.

Resource Person



**Dr. Ganesh K**  
Assistant Director, MPEDA  
Mangalore

Programme Photographs:



