FISS Meet™

Farmers-Industry-Scientists-Students' Meet
25.03.2014, College of Fisheries, Mangalore

Fisheries and aquaculture sector is undergoing a great transformation during the recent years. Advanced technology facilitates the competitiveness and growth through intensification, technological up-gradation, expanded business opportunities and niche market creation. However, many technological innovations are not efficiently transferred and commercialized due to various bottlenecks such as slow technological transfer, adoption, and commercialization rates. According to NSSO report (*Ministry of Statistics: Report No 592*), the rate of transfer of technology from Government institutions (Including Universities, KVKS) is only 8%; 13 % from dealers, 17% from progressive famers, 4% from cooperative societies and 58% of the farmers have no access to the technology information. Among many issues bothering the sector, low investments on research for development, lack of focused approach, poor coordination between the stakeholders are the few major ones where academic professionals can play a significant role. In this context, this **FISS Meet**-an innovative session is arranged with the following objectives:

- **To understand the current issues bothering the fisheries sector**
- **To measure the magnitude of challenges and opportunities**
- **Roles and responsibilities of the stakeholders**
- **To identify need based researchable issues**
- **Networking of research programs**
- **ITK and simple innovations to increase the yield**

The outcome of this meet will be circulated in the form of recommendations among all the colleges and research institutes involved in fisheries RFD to take up necessary steps to overcome stumble blocks in the process of science led development in the fisheries sector.

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Instructions to the stakeholders who are taking part in the deliberations

1. Before you speak, introduce yourself to the house

2. Present the issues in short

3. Opinions should be assertive not interrogative or offensive

4. **No counter argument**-you express your opinion

5. If the issue is deliberated already; further discussion will not be allowed unless it is called by the Chair

6. No blame game, no grave digging-only **constructive suggestions** are welcome

7. Do not focus on the problem-focus on the solution

8. If you do not wish to deliberate openly, you can give it in a piece of paper to the chairman and/or rapporteurs and house also reserves its opinion.

9. Do not interrogate, ask plain questions

Issues of Indian fisheries sector

Sector/ Issues	Farming (carp/shrimp etc)	Processing	Hatchery Carp/shrimp etc	Trading and Export	Orn. fish	Exotic spp.	Capture fisheries	Academic
Managerial	- Skilled man power	- Skilled man power	- Skilled man power		- Skilled man power	NA	NA	-Research in isolation
Technological	- Low Prodn. - Middleman - Input cost - Disease - Frog menace - Seed availability - Organic farming & Certification - Data Management	- Cold chain - Envi. Issue: Fish meal	- Disease - SPF/SPR - Buffer Zone	Quarantine system in India	-Breeding tech.	Producing sterile exotics - culture in complete bio-secure system	- PFZ advisories - Efficient gears - Cage farming; is it an alternative livelihood - Foreign vessels	- New courses - Subjects on mammals, crocodiles, turtles, manatees - Poor Transfer of technology
Policy	- Support service - Carp seed price not revised			Import of Pangasius and sea bass - Price regulation		- Pacu - African Catfish	-Bull trawling -Engine HP -Wanton fishing -Quota System	-Attracting good students to fisheries -Grading academicians based on performance -PPP mode for development -3+1: BFSc -Jobs in quarantine div.
Financial	- Unit cost - Insurance				- Marketing -Buy back			-less fund allocated for RFD
Non- Tech.	- Poaching	Domestic marketing					Data collection	-Duplication of research - Plagiarism -80:20 principle
Any other	- Fisheries activities to be considered as Agri-activity	- Branding (Aishwarya/ Shilpa Shetty promoting fish eating)						Diploma schools to produce skilled man power

The List of stakeholders attending the FISS Meet

Farmers	**Mr Channppa**, Maddur, Mandya District Karnataka	Carp farmer
	Mr Krishnegowda, Chotnally Village, Mandya, Karnataka	Carp farmer
	Mr Sathisha, Mandya	Carp farmer
	Mr Naresh Hanbal, Mudigere, Karnataka	Integrated farmers
	Mr Nayeem	Ornament fish producer
	Mr Umesh	Ornament fish producer
Industry	**Dr Venkatesh**, VP, CP Groups	Processing
	Dr Ganesh Arakere, VP, CP Groups	Marketing
	Dr Ganesh Yala, Accenture	Promoting agriculture
	Dr Srikanth, GM, MCF, Mangalore	Marketing
	Mr Shivanagowda	Aqua consultant
	Mr Riaz Bawa	Fish meal industry owner
	Mr Prasanth Janatha Fish Meal, Udupi	Fish meal industry owner
	Mr Harish Nayak, Raj Fish Meals, Udupi	Production Manager-Fish meal industry
	Mr Dharmaraj, Trader, Bhimavaram	Shrimp trader
Scientists/ academicians	**About 50 members**	Professionals involved in fisheries teaching and research
Students	**About 70 members**	Pursuing higher education in fisheries
Developmental Department	**Dr N R Ramakrishna**, JDI, DoF	Administrator
	Mr VK Shetty, MD, KFDC	Administrator
	Mr Girish, O, ADF, Shimoga	Developmental Officer
	Mr G M Shivakumar, ADF, Shimoga	Developmental Officer
	Mr Mahesh Kumar U, ADF, Mangalore	Developmental Officer
	Mr Kumarswamy, BV, ADF, Malpe	Developmental Officer
NGOs	**Mr Daniel Tauro**	Animal Care Trust, Mangalore Volunteer
	Dr Lakshmi	Animal Care Trust, Mangalore Volunteer
Journalists	**Mr Vinayak J**	Hindu-Business line
	Global TV	Internet TV
Entrepreneurs	**Dr Ashwin**, Ornamental fish business	Entrepreneur

	Mr Vinaykumar N Laundry Business	Entrepreneur
	Mr Mahesh Raj, Fisheries Consultant	
	Mr Jayadevaprasad Moleyar	Finance Consultant
	Mr Hari, Stone Blast Business	Willing to take up shrimp farming
	Mr Srinivas Rao Karuturi	Entepreneur
Extension/KVK	**Dr S M Shivaprakash**	Director of Extension, KVAFSU
	Dr Hanumanthappa	Extension Officer
	Dr Devaraj T N	Extension Officer