

Gender Analysis of Marine Fisheries Based Livelihood in Ramanathapuram, Tamil Nadu, India



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"In order to make people Atmanirbhar (Self-Reliant)

it is the **Woman** who has to be **Atmanirbhar**.

Once **She** became **Atmanirbhar**,

the **Family** becomes, the **Village** becomes, the **Nation** becomes."





Indian Fisheries.....

- India Second largest fish producing nation in the world
- ✤ India's total fish production (2019-20) 14.16 MMTs (Inland 10.43 MMTs; Marine 3.73 MMTs)
- Provides livelihood 25 million fishers and fish farmers at the primary level and twice the number along the value chain.
- > The percentage of women in the fisheries workforce is 46% globally and 72% in India (FAO, 2018).
- > Women play key roles in harvest and post-harvest activities both in capture and culture fisheries.
- Women Peripheral role than Pivotal role
- Due to lack of gender-disaggregated data in fisheries and aquaculture, women have often been invisible to policy makers and the failure to consider women's roles and women specific constraints - Women's empowerment in this sector remains a challenge

11/17/2022





Why gender analysis is required?

- It provides methods to collect and analyse gender disaggregated data
- It helps in understanding the socio-economic conditions, gender gaps, and inequalities affecting men and women
- It helps to examine how gender dimensions impacts sustainable outcomes or results



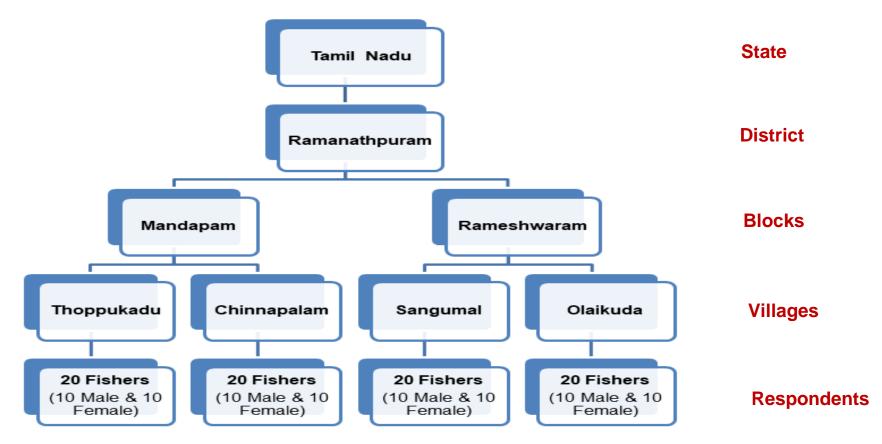




Research Questions ???....

- Is marine fisheries based livelihood in Ramanathapuram (Tamil Nadu) gender neutral?
- Whether gender based disparities exist in marine fisheries based livelihood?
- Whether marine fisheries based livelihood is more drudgery prone for women?
- Are fisher men and women empowered equally in marine fisheries based livelihood?
- What are the gender issues prevailing in marine fisheries based livelihood and strategies to address these gender issues?

Sampling Plan



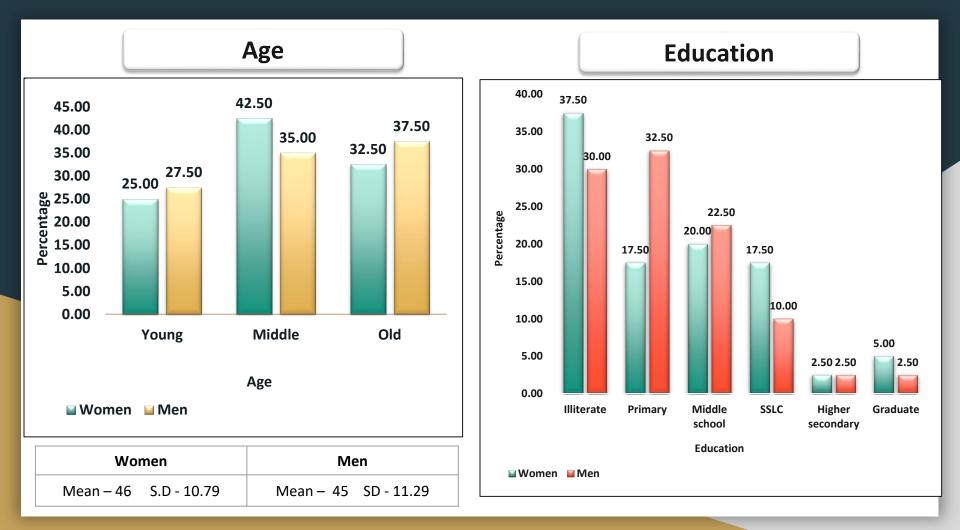
Selected Variables and Measurements

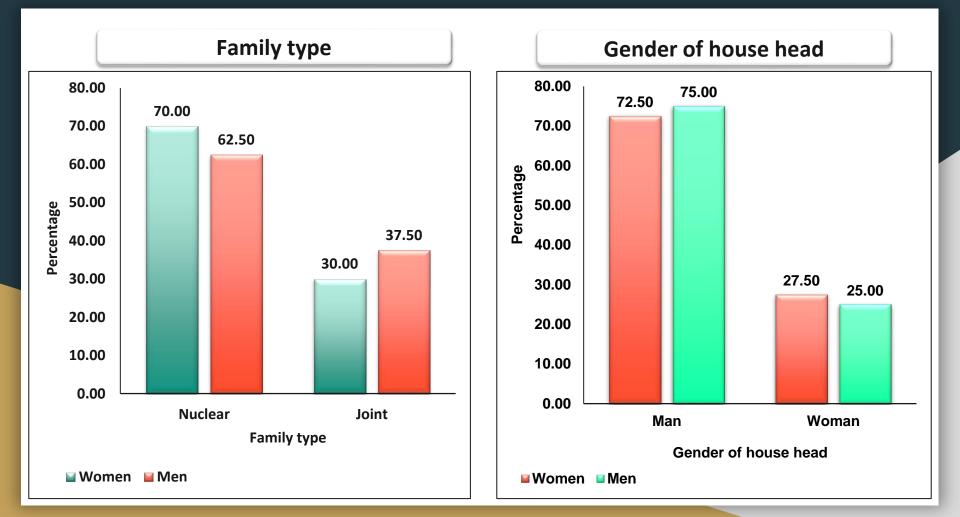
Profile variables	Measurement	Gender dimensions	Measurement
Age		Social participation	
Education		Information sources preference and	
Family type		extent of use	
Gender of family head		Extension participation	
Type of house	Structured	Daily activity profile	Structured
Gender of house owner		Drudgery	interview
Occupation	schedule	Technology adoption	schedule
Annual income		Attitude towards livelihood	
Fishing experience		Preference to livelihood options	
Boat type		Gender empowerment	
Gender of boat owner		Gender issues & strategies	



Analysing Fisher's Profile

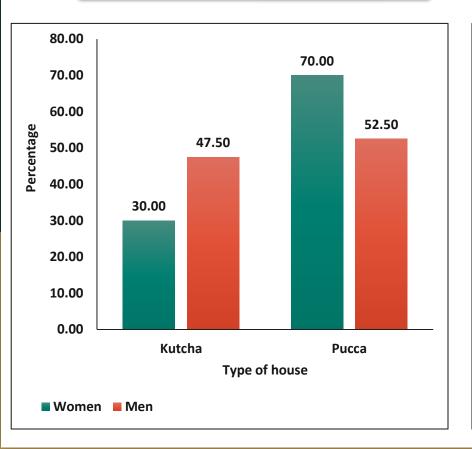


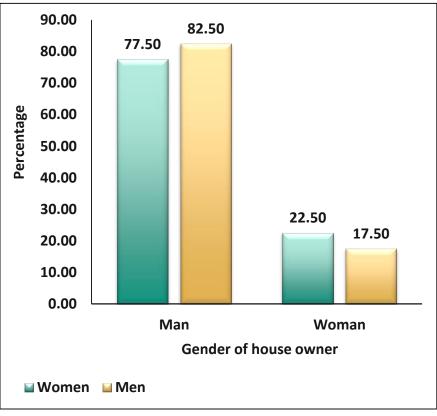




Type of house

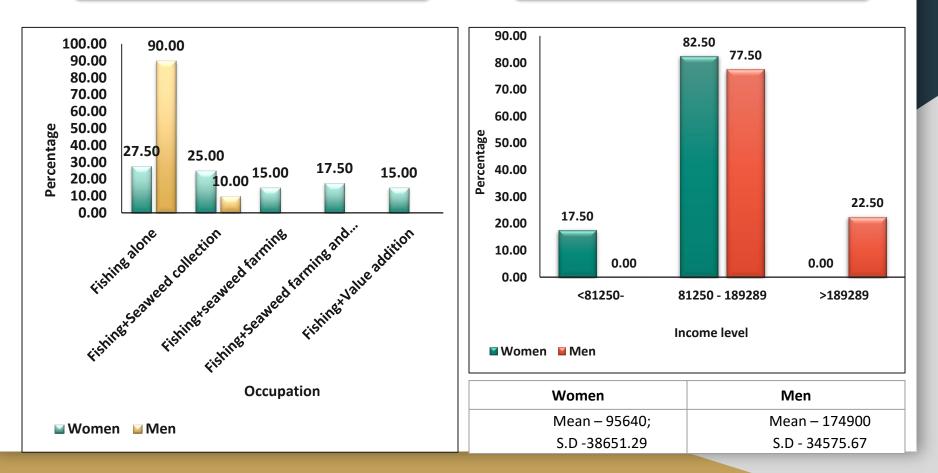
Gender of house owner





Occupation

Annual income



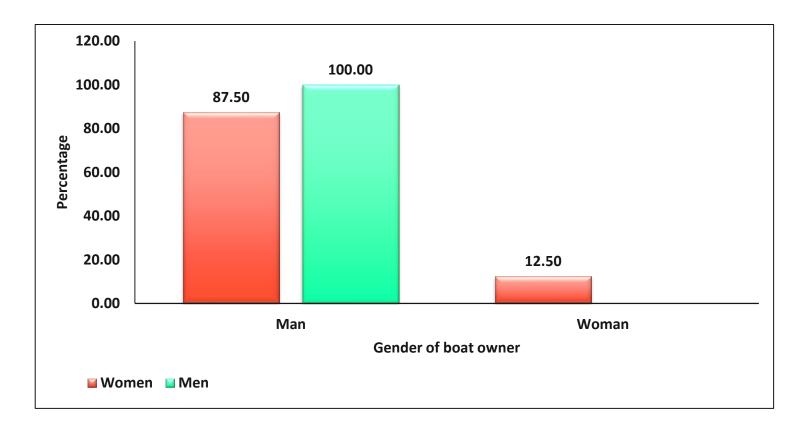
- Active fishing days: The average active fishing days of fisherwomen was 189 days and for fishermen was 238 days.
- Average catch: The average catch of fisherwomen was 6.925 kg/ trip and fishermen was 9.95 kg/trip.
- Fishing gears used: Submerged gill nets were being used for catching the fish and crab as well. In addition to that, seldom the fishers were using trammel net to catch the crabs. Traps were being used with prey to catch the squid and other fishes in Sangumal and Olaikuda villages.
- Major species harvested: Seer fish, barracuda, parrot fish are most caught finfishes and crab, and squid are being caught more in shellfish.

Fishing experience

Type of boat



Gender of boat owner





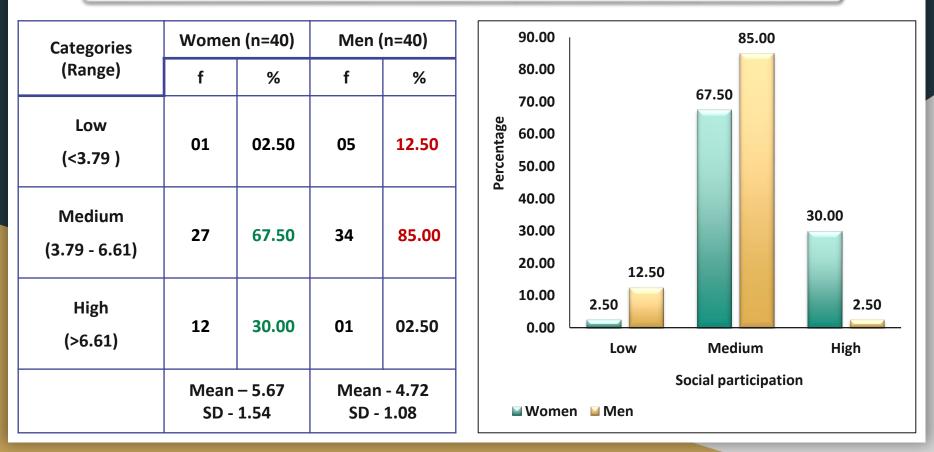
Gender analysis of selected variables with respect to marine fisheries-based livelihood



Social Participation

		Degree of	Wome	en (n=40)	Men	(n=40)
Variable	Categories	participation	f	%	f	%
		Always	07	17.50	10	25.00
	Village panchayat	Sometime	13	32.50	13	32.50
		Never	20	50.00	17	42.50
		Always	22	55.00	30	75.00
	Co-operative society	Sometime	18	45.00	10	25.00
		Never	00	00.00	00	00.00
	Self-help group	Always	30	75.00	00	00.00
		Sometime	09	22.50	00	00.00
Cocial narticipation		Never	01	02.50	40	100
Social participation		Always	00	00.00	00	00.00
	Farmers club	Sometime	00	00.00	00	00.00
		Never	40	100.00	40	100.00
		Always	25	62.50	35	87.50
	Religious institutions	Sometime	15	37.50	05	12.50
		Never	00	00.00	00	00.00
		Always	01	02.50	01	02.50
	NGO's	Sometime	02	05.00	09	22.50
		Never	37	92.75	30	75.00

Social Participation

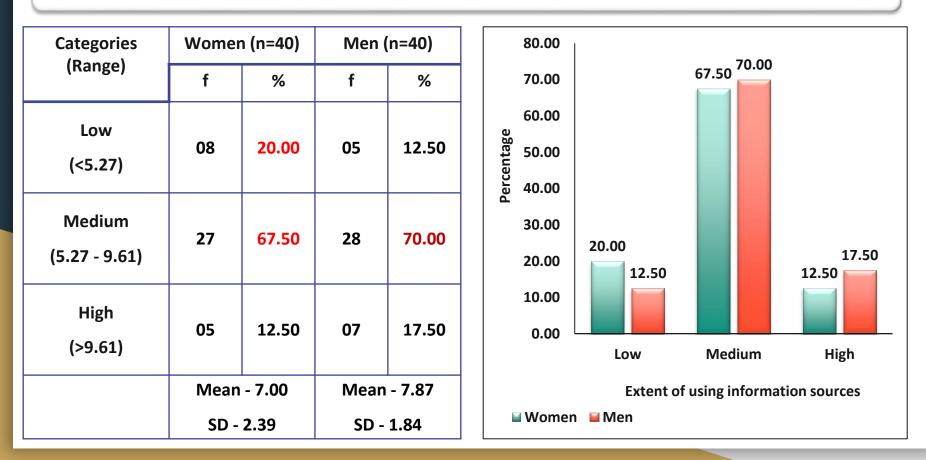


Information Sources Preference

		Extent of	Wome	n (n-40)	Men (n-40)		
Variables	Categories	preference	f	%	f	%	
		Always	04	10.00	05	12.50	
	Mobile Phone	Sometime	12	30.00	13	32.50	
		Never	24	60.00	22	55.00	
		Always	03	07.50	01	02.50	
	Television	Sometime	31	77.50	39	97.50	
		Never	06	15.00	00	00.00	
		Always	01	02.50	03	07.50	
Information sources	Newspaper	Sometime	05	12.50	09	22.50	
extent of use		Never	34	85.00	28	70.00	
		Always	05	12.50	14	35.00	
	Community Radio	Sometime	15	37.50	06	15.00	
		Never	20	50.00	20	50.00	
		Always	34	85.00	31	77.50	
	Neighbour/Friends	Sometime	06	15.00	09	22.50	
		Never	0	00.00	00	00.00	

Catagorias	Extent of	Wome	n (n=40)	Men (n=40)		
Categories	preference	f	%	f	%	
Village panchayat	Always	07	17.50	09	22.50	
	Sometime	12	30.00	14	35.00	
	Never	21	52.50	17	42.50	
Co-operative society/ Self-	Always	22	55.00	23	57.50	
help group	Sometime	18	45.00	17	42.50	
	Never	00	00.00	00	00.00	
Fisheries department	Always	01	02.50	01	02.50	
	Sometime	19	47.50	29	72.50	
	Never	20	50.00	10	25.00	
Research institution/KVK	Always	02	05.00	01	02.50	
	Sometime	04	10.00	03	07.50	
	Never	34	85.00	36	90.00	

Extent of Using Information Sources



Extension Participation

Variable	Cotogorias	Degree of	Womer	n (n=40)	Men (n=4	40)
Variable	Categories	participation	f	%	f	%
	Fisheries exhibition	Regularly	00	00.00	00	00.00
		Occasionally	02	05.00	01	02.50
		Never	38	95.00	39	97.50
	Exposure visits	Regularly	00	00.00	00	00.00
		Occasionally	04	10.00	02	05.00
		Never	36	90.00	38	95.00
	Field demonstrations	Regularly	00	00.00	00	00.00
		Occasionally	08	20.00	01	02.50
Extension		Never	32	80.00	39	97.50
participation	Training on fishing and	Regularly	03	07.50	02	05.00
	value addition	Occasionally	32	80.00	19	47.50
		Never	05	12.50	19	47.50
	Fisheries advisory	Regularly	02	05.00	01	02.50
	services	Occasionally	07	17.50	24	60.00
		Never	31	77.50	15	37.50
	Others (NGO)	Regularly	00	00.00	00	00.00
		Occasionally	02	05.00	02	05.00
		Never	38	95.00	38	95.00

Extension Participation



Gender Daily Activity Profile

Wom	en	Men			
Activities	Time	Activities	Time		
Wake up & refreshment	4:00 am – 4:15 am	Wake up & refreshment	5:00 am – 5:15 am		
House cleaning, cooking, etc.	4:15 am – 5:30 am		E 45		
Prior arrangements for fishing	5:30 am – 6:00 am	Prior arrangements for fishing	5:15 am – 6:00 am		
Travel time (Paddling)	6:00 am – 7:00 am	Travel time (Paddling)	6:00 am – 7:00 am		
Net setting in the fishing area	7:00 am – 7:30 am	Net setting in the fishing area	7:00 am – 7:30 am		
Breakfast	7:30 am – 8:15 am	Breakfast	7:30 am – 8:15 am		
Net hauling, removal of fish from the net & icing of the fish	8:15 am – 10:30 am	Net hauling, removal of fish from the net & icing of the fish	8:15 am – 10:30 am		
Net setting (Second time)	10:30 am – 11:00 am	Net setting (Second time)	10:30 am – 11:00 am		

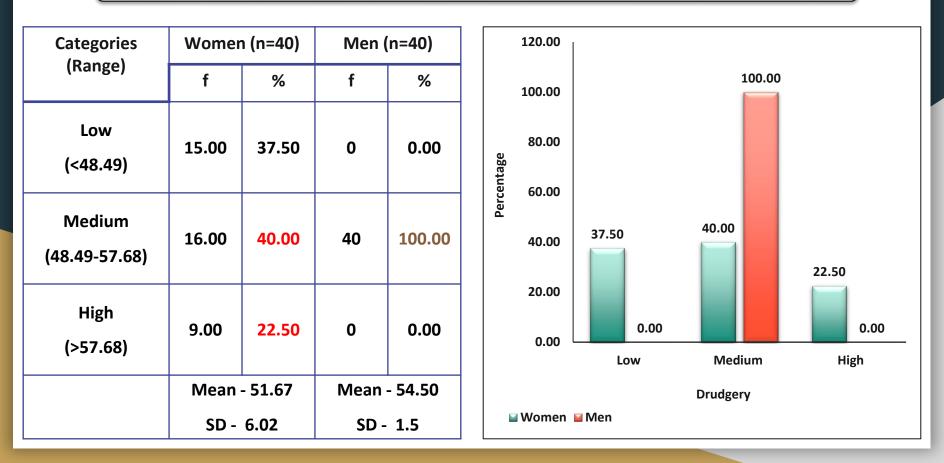
Net hauling, removal of fish & icing of the fish	11:00 am – 12:00 pm	Net hauling, removal of fish & icing of the fish	11:00 am – 12:00 pm
Travel time (Paddling) & unloading of fish	12:00 pm – 1:00 pm	Travel time (Paddling) & unloading of fish	12:00 pm – 1:00 pm
Fish selling (In companies)	1:00 pm – 2:00 pm	Fish selling (In companies)	1:00 pm – 2:00 pm
Lunch	2:00 pm – 2:30 pm	Lunch	2:00 pm – 2:30 pm
Rest	2:30 pm – 3:00 pm	Rest	2:30 pm – 4:30 pm
Washing cloth and utensils & cooking	3:00 pm – 6:30 pm	Fetching water, grocery shopping, childcare, etc.	4:30 pm – 5:30 pm
Net repairing (Helping their husband)	6:30 pm – 7:00 pm	Net repairing and removal of seagrass	5:30 pm – 7:00 pm
Personal grooming	7:00 pm – 7:30 pm	Personal grooming	7:00 pm – 7:30 pm
Serving food, dinner & washing of utensils	7:30 pm – 8:30 pm	Dinner time	7:30 pm – 8:00 pm
Watching TV, spending with neighbours, etc.	8:30 pm – 9:30 pm	Watching TV, spending with neighbours, etc.	8:00 pm – 9:30 pm
Sleeping time	9:30 pm – 4:00 am	Sleeping time	9:30 pm – 5:00 am

Daily activity profile hour's distribution of fishermen and fisherwomen

Activities	Women	Men
Productive work hours	8.15	9.30
Reproductive work hours	5.45	1.00
Leisure hours	1.30	3:30
Personal work hours	2.00	2.30
Sleeping time	6.30	7.30

On an average, fisherwomen work **3 hours 30 mins** more than fishermen by combining both productive and reproductive activities.

Drudgery (Using gender drudgery index)

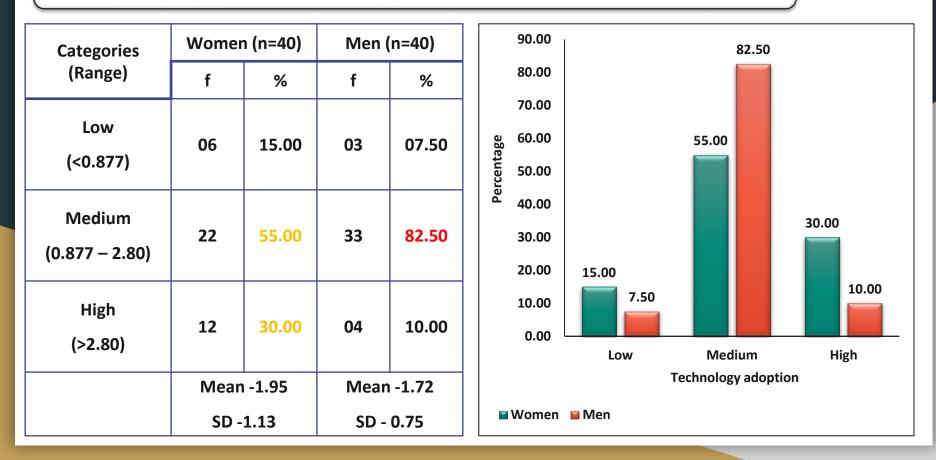


Gender drudgery index in different activities

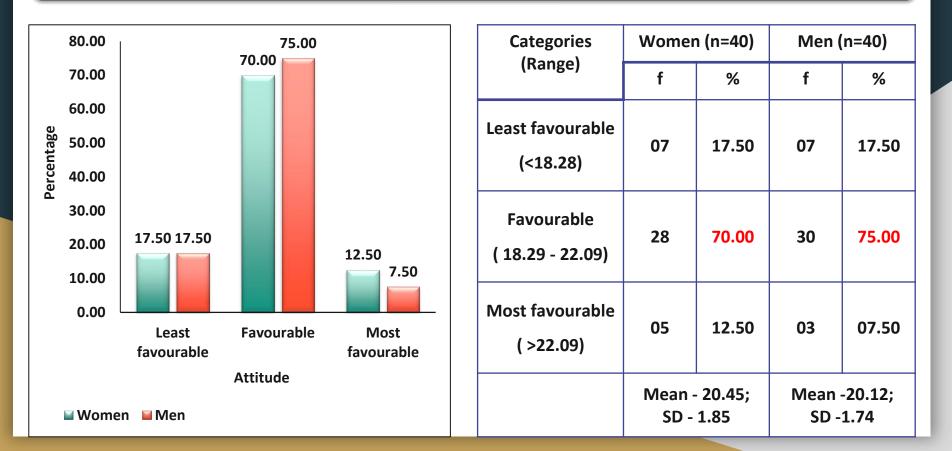
Fishing Livelihood Activities	Women	Men	ʻp' values
Fishing / Net setting	52.28	59.14	0.000
Paddling	57.33	67.42	0.007
Harvesting	53.54	61.55	0.000
Marketing	50.15	50.46	0.042
Loading and unloading	50.90	49.69	0.013
Net repairing	66.87	64.57	0.000
lcing	30.60	28.66	0.256
Overall	51.57	54.50	0.000

- Fisherwomen Net repairing, paddling, and harvesting found drudgery-prone activities.
- Fishermen Paddling, net repairing, and net setting found drudgery-prone activities.
- lcing was found to be less drudgery prone for women and men

Technology adoption



Attitude Towards Livelihood



Gender Preference to Livelihood Options

Cotosovies	Future of such as a	Womer	n (n=40)	Men (n=40)		
Categories	Extent of preference	Frequency	%	Frequency	%	
Fishing	Mostly	35	87.50	39	97.50	
	Less	02	05.00	01	02.50	
	Not	03	07.50	00	00.00	
Ornamental fish culture	Mostly	01	02.50	00	00.00	
	Less	00	00.00	01	02.50	
	Not	39	97.50	39	97.50	
Seaweed farming	Mostly	31	77.50	13	32.50	
	Less	07	17.50	07	17.50	
	Not	02	05.00	20	50.00	
Seaweed collection	Mostly	05	12.50	00	00.00	
	Less	06	15.00	00	00.00	
	Not	29	72.50	40	100.00	

Fish marketing	Mostly	00	00.00	00	00.00
	Less	01	02.50	00	00.00
	Not	39	97.50	40	100.00
Value addition	Mostly	02	05.00	00	00.00
	Less	19	47.50	00	00.00
	Not	19	47.50	40	100.00
Ornamental shell	Mostly	05	12.50	00	00.00
making	Less	11	27.50	00	00.00
	Not	24	60.00	40	100.00
Cage culture	Mostly	00	00.00	15	37.50
	Less	00	00.00	14	35.00
	Not	40	100.00	11	27.50
Any others (Fish	Mostly	00	00.00	00	00.00
processing)	Less	06	15.00	00	00.00
	Not	34	85.00	40	100.00





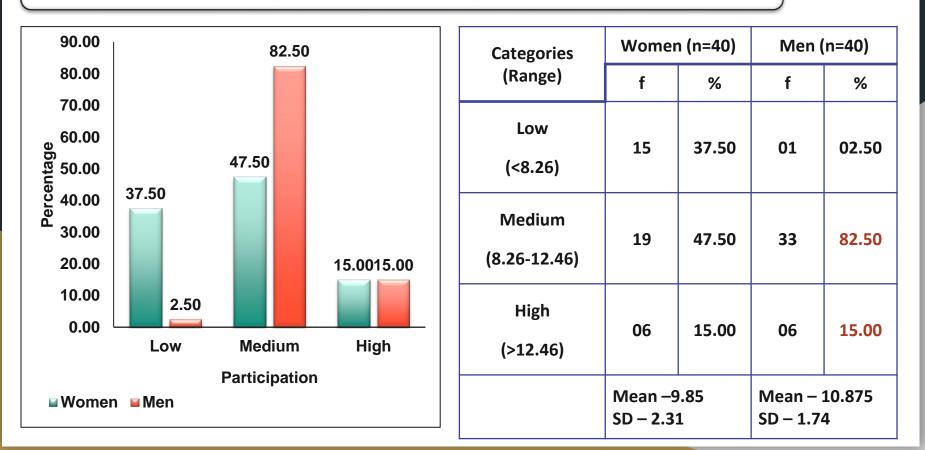
Analysing Gender Empowerment



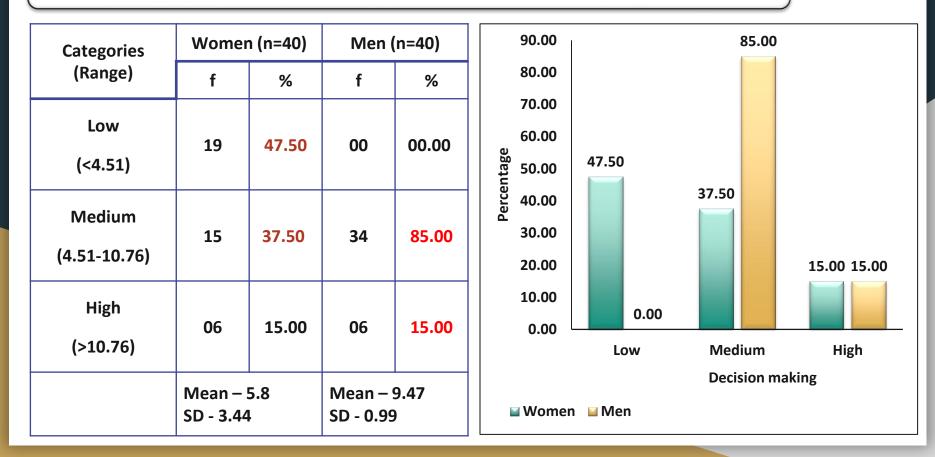
Access to Resources and Services

Categories	Wome	n (n=40)	Men	Men (n=40)		70.00			62.50					
(Range)	f	%	f	%		60.00								
Low						50.00								
(<14.18)	12	30.00	03	07.50		07.50		00.04 Gercentage 00.05 Gercentage						
Medium						90.00 Berce	30.0	0				27.50		
(14.18-17.7)	25	62.50	26	65.00		20.00								
High						10.00		7.50			7.50			
(>17.7)	03	07.50	11	27.50		0.00	L	.ow	Med	lium	Hig	gh		
	Mean –1 SD - 1.66		Mean –16.45 SD - 1.723889			Access to resources and services			ervices					

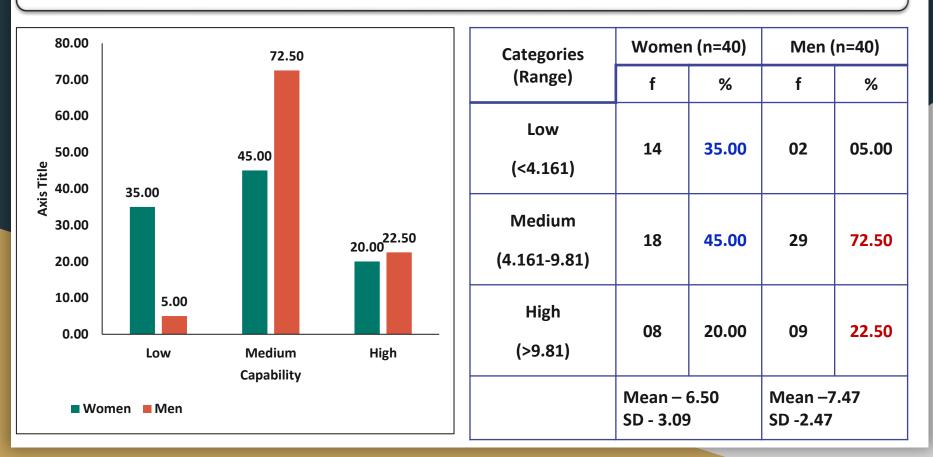
Economic Participation



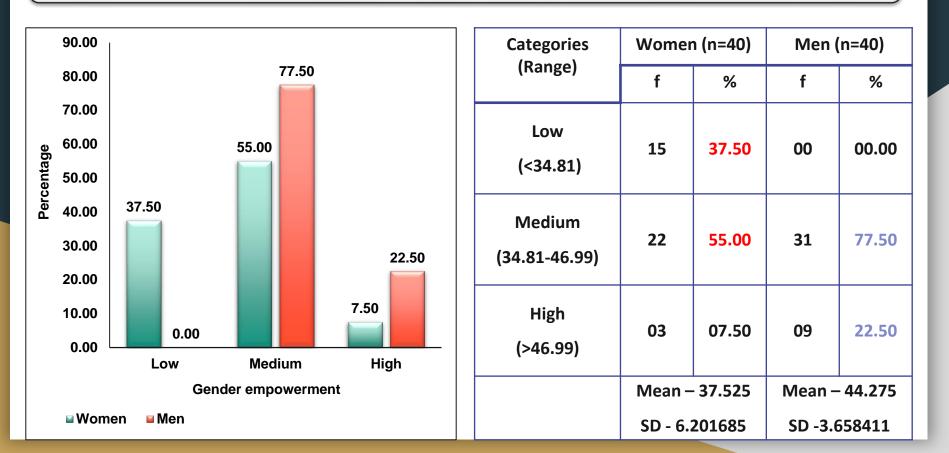
Decision Making



Capability

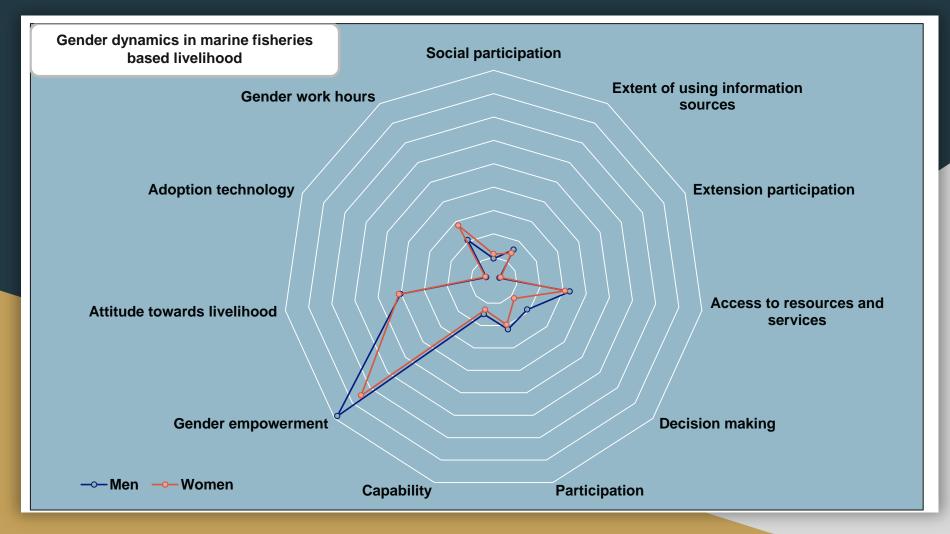


Gender Empowerment



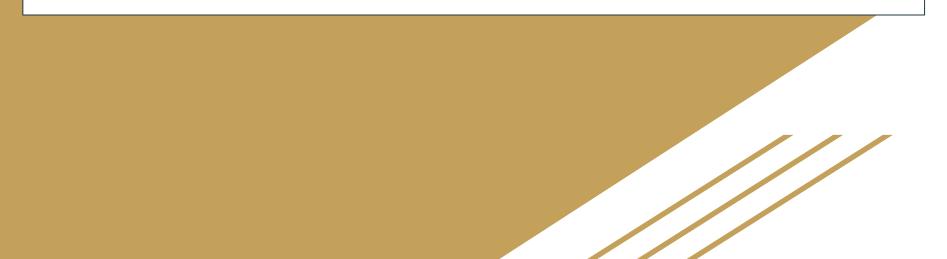
Dynamics among gender dimensions

Variables	Men	Women	ʻp' values
Social participation	04.73	05.68	0.017
Extent of using information sources	07.88	07.00	0.413
Extension participation	01.38	01.63	0.776
Gender work hours	10.30	14.00	0.000
Drudgery	51.67	54.50	0.000
Technology adoption	01.73	01.95	0.097
Attitude towards livelihood	20.13	20.45	0.704
Access to resources and services	16.45	15.43	0.585
Economic participation	10.88	09.85	0.024
Decision making	09.48	05.80	0.000
Capability	07.48	06.50	0.184
Gender empowerment	44.28	37.52	0.001





Identified the gender issues and suggested strategies for gender mainstreaming



Gender issues	Strategies for gender mainstreaming
Poor education levels and capability	Gender specific skill development Gender specific skill enhancement training, capacity building programme and technological support
Men's dominance in ownership of resources and assets	Promotion of joint ownership of resources and assets suitable policy interventions can ensure that the resources and assets should have joint ownership and registered in the name of both fishermen and women
Less extension participation and use of information sources	Gender sensitive time, place and personnel To ensure fishermen's and women's equal participation in extension and social activities, the time, place and extension personnel should be gender sensitive. The gender activity profile analysis reported that fishermen and women had free time from 2 PM to 4 PM.
Limited access to fisheries resources and services	Gender equitable access to resources and services Gender aware fisheries extension system need to facilitate both fishermen and fisherwomen and to provide tailored, timely, affordable and quality access to production resources
Less participation in decision making	Gender sensitization It helps to realise the biasness in gender division of labour, participation in decision making and access to and control over resources.

Gender issues	Strategies for gender mainstreaming
Overburdened of works	Gender sensitization Gender sensitization can induce equal gender division of labor, ensure men's and women's equal participation in household activities and increase effective use of resources including time.
Drudgery	Gender friendly technology interventions In order to reduce drudgery in fishing related livelihood activities and increase technology adoption, the gender friendly technological interventions needs to be designed and implemented
Poor technological adoption	Gender friendly technology interventions The gender friendly technological interventions needs to be designed and implemented.
Poor marketing and sanitation facilities	The separate sanitation and first aid facilities should be provided for both the genders at market premises and sufficient market facilities may be made available in market to keep their catch.

To.....Generate educated, trained, self-reliant, self-motivated, innovative and visionary women fishers

Strengthen their way from.....

- ✤ Kitchen to aquaCulture
 - Food Provider to Food Producer
 - ✤ Farm labourer to Farm Owner
 - ✤ Fisher to Aquapreneur
 - ✤ Job Seeker to Job Provider

Women: Visible Face of Indian Fisheries



Food For Thought.....

A + T + T + I + T + U + D + E = 100%1 + 20 + 20 + 9 + 20 + 21 + 4 + 5 = 100%



It is **OUR ATTITUDE** towards Life and Work that makes us <u>100%</u> !!!







Interview schedule

1) Name:		2) Mobile Number:						
3) Village:	4) Block:	5) Sex: Male / Female						
6) Age (years):	5) Age (years): 7)Education: 8) Family type: Nuclear / Joint							
9) Gender of family he	ead : Man / Woman							
10) Type of house: Kut	tcha/ Pucca	11)Gender house owne	r: Man / Woman					
12) Occupation	Main:	13) Annual	Main:	Total				
	Subsidiary:	income (`)	Subsidiary:	_				
14) Fishing experience	e (years):							
15) Major species harv marketing)	vested/ sold (in case of							
16) Average catch per	day (kg)							
17) How many active f	fishing days have been obso	erved in a year?						
18) Boat type: Non- Motorized/ Motorized								
19) Gender of boat Owner: Man /Woman								

			Extent of Visit &Participation		SI		Preference		Extent of use of information sources		
SI. No.	Social Institutions	Always	Someti	Never	No	o Information Sources	Ye s	No	Always	Someti me	Never
		Always	me	Never	1	Mobile phone					
1	Village Panchayat				2	Television					
-					3	Newspaper					
					4	Radio/Community Radio					
2	Co-operative society					Progressive					
					5	fishermen/ Neighbours					
3	Self-help group				6	Village panchayat					
					7	Co-operative society					
4	Farmers club				8	Fisheries					
5	Religious institutions					development Officer Research					
6	Any other (specific)				9	Institutions/KVK					
0					10	Any other					

SI.		Extent	of participa	tion
_	Extension Activities	Regularl	Occasio	Nev
No.		У	nally	er
1	Fisheries exhibitions			
2	Exposure visits			
3	Field demonstrations			
4	Training on fishing/value additior fish	nin		
5	Fisheries advisory services			
6	Any other			
	Men	W	omen	

Men		Women			
Activity	Time	Activity	Time		

SI.		Extent of Adoption					
No.	Technologies		Partial	No			
А	Fish harvesting Technology						
1	Modern fish harvesting technologies						
2	Modern motors for voyage						
3	Modern machine braided nets for fishing						
4	Usage of turtle extruder to conserve the endangered species						
5	Usage of modern communication tools during voyage (GPS etc.)						
В	Fish post harvesting Technology		·				
6	Usage of newly developed insulated boxes for icing the fish						
7	Ice crusher for icing the fish						
8	Moped and vehicle for transportation						
9	Usage of market information system for selling the fish						
10	Using dryer for fish processing						
D	Marketing & Value Addition						
15	Fish marketing						
16	Value addition in fish						
18	Any other (Specify)						

	Required Time		Frequen	cy of Doing	g work			Ease of do	oing/level of	difficulty	
Fishing related activities	to complete activity (Minutes)	Daily	Alternate days	Weekly	Fortnight ly	Seasonal	Very Easy	Easy	Somewhat difficult	Difficult	Very Difficult
Fishing Livelihood	ł										
Fishing											
Harvesting											
Marketing											
Unloading & Loading											
Drying of fish											
Icing of fish											
Net making &repairing											

SI.	Statement	Agree	Not	Disagre
No		7.8.00	Sure	е
1	I feel that fishing is a respectable occupation in our society			
2	Fishing is becoming less attractive as an occupation due to less profitability			
3	I don't want my children to pursue / consider fishing as an occupation			
4	Fishing is women friendly occupation			
5	Fishing is more drudgery prone and tiresome occupation			
6	If I get good livelihood option, I will leave fishing			
7	It's difficult to get credit for fishing due to uncertainty of fish catch			
8	I feel that government support to fishing is inadequate			
9	I feel that insurance scheme for fishers are difficult to avail due to high premium cost			
10	I feel fishing is becoming more skill/knowledge intensive occupation now a days			

		Extent of preference					
Sl. No.	Livelihood activities	Mostly	Less	Never			
1	Fishing						
2	Ornamental fisheries						
3	Seaweed farming						
4	Seaweed collection						
5	Fish marketing						
6	Value addition in fish						
7	Ornamental shell making						
8	Any other						

Α.	Access to Resources & Services	Always	Sometime	Never
1.	Do you have access to fishing grounds/landing centre/Market			
1.	Do you have a fishing license?			
1.	Do you have the required nets, craft and fish marketing implements			
1.	Do you get timely required weather information?			
1.	Do you get timely required labor for pre fishing activities and harvesting operations? (If he or she is owner)			
1.	Do you have access to adequate post-harvest processing facilities/marketing facilities?			
1.	Do you have market facilities for selling fish at a reasonable price?			
1.	Do you get timely training on post-harvest fishery activities?			
1.	Do you have a bank account?			
1.	Do you get loan/other facilities from banks? (Kisan Credit Card, Crop Insurance, etc.), subsidies			
	from State Fisheries Dept, FFDA, NFDB etc.?			
1.	Do you get resources & opportunities to upscale your fishing business?			
1.	Have you received any government assistance in fishing work			
1.	Is the department providing any risk coverage insurance schemes to you?			
В.	Decision Making	Alone	With Spouse	Never
1.	I take decisions on what, when where and how to fish			
1.	I take decisions on purchase of critical fishing input (nets, tools, etc.)			
1.	I take decisions on availing credit facilities or subsidies			
1.	I take decisions on how much produce to retain for home consumption or sell			
1.	I take decisions on when, where, at what price to sell the fish			
1.	I make decisions on how to spend money earned from fishing			

C.	Participation	Always	Sometime	Never
1.	Do you take part in performing different activities (harvesting, post-harvest processing, marketing)?			
1.	Do you attend community/ village meetings related to fishing issues?			
1.	Are you able to visit the places related to fishing needs?			
1.	Are you a member in any fishing institution/groups like Farmer Interest Group, Commodity Interest Group, fish Cooperative, SHG, etc.?			
1.	Do you contact agricultural research/development officials? (Fisheries officer, Scientists, Other experts)			
1.	Are you allowed to attend any Exhibitions/ Mela related fishery?			
1.	Are you allowed to attend any fishery skill development training?			
1.	Are you beneficiary of any fishery developmental schemes?			
D.	. Capability		Some Extent	No
1.	Are you able to read and write?			
1.	Are you able to manage all the fishing activities?			
1.	Are you able to operate your bank account?			
1.	Do you know about new fishing techniques/new processing techniques?			
1.	Do you use mobile/ internet to get required information related to fishing?			
1.	Do you know the required documents and procedures to get a Kisan Credit Card/ Crop Loan from banks, subsidy schemes from FFDA or State Fisheries Dept, NFDB?	ı		
1.	Do you know the sources where to get fish gear and craft and fisheries information?			
1.	Do you know how to do value addition in fishto get a better price?			

Training needs		S.No	Gender constraints	
Information needs				
Resources & inputs needs				
Any others				

Gender Drudgery Index

Drudgery index of j^{th} respondent in i^{th} activity = $\mathsf{DI}_{ij} = \left\{\frac{X_{ij}+Y_{ij}+Z_{ij}}{3}\right\} \times 100$

Overall drudgery index of j^{th} respondent = $DI_j = \frac{1}{m_i} \sum_{i=1}^{m_j} DI_{ij}$

Where,

 $X_{ij} = \frac{x_{ij}t_{ij}}{\sum_{i=1}^{7} x_{ij}t_{ij}}; \qquad Y_{ij} = \frac{y_{ij}}{5}; \quad Z_{ij} = \frac{z_{ij}}{5} \quad i = 1(1)7; \quad j = 1(1)n; \quad n = \text{Number of respondent (80)};$

 m_i = Number of activities performed by J^{th} respondent (7 activities)

 x_{jj} =Average time spent in minutes in a day by j^{th} respondent in i^{th} activity

 t_{ij} =Number of days j^{th} respondent performed i^{th} activity (365 days)

y_{ij} =Relative score related to frequency of work for jth respondent in ith activity, takes value 1: Seasonal, 2: Fortnightly, 3: Weekly, 4: Alternate day, 5: Daily

 z_{ij} =Relative score related to degree of difficulty for j^{th} respondent in i^{th} activity, takes value 1: Very easy, 2: Easy, 3: Somewhat difficult, 4: Difficult, 5: Very difficult

Gender needs

Gender needs of fisherwomen						
Categori es	Needs	%	Rank			
	Value addition	40.00	3			
	Seaweed farming	60.00	1			
Training	Ornamental shell making	05.00	4			
needs	Ornamental fish farming	02.50	5			
	Motorboat operation	52.50	2			
	Motorized boats	62.50	2			
	Fishing nets	77.50	1			
Resourc	Ice boxes	35.00	4			
e needs	Safety devices	55.00	3			
	Bags and goggles for seaweed collection	12.50	5			

Gender needs of fishermen					
Categor ies Needs		%	Rank		
	New fishing techniques	55.00	1		
Training needs	Seaweed farming	22.50	3		
necus	Cage culture	47.50	2		
	Ornamental fish farming	02.50	4		
	Motorized boats	57.50	2		
	Fishing nets	85.00	1		
Resourc	Ice boxes	45.00	3		
e needs	Ice crusher	05.00	5		
	GPS and buoy	35.00	4		

Gender needs

Gender needs of fisherwomen					Gender needs of fishermen			
Catego ries	Needs	%	Rank		Catego ries	Needs	%	Rank
	Schemes available for fishers	85.00	1		Informa tion needs	Schemes available	75.00	1
Informa tion needs	Market information for value added products	30.00	2			About subsidies	52.50	2