

SDPs Organised under TSP Scheme

(Nodal Officer: Dr. Munilkumar Sukham)

Under the **DAPST/TSP** scheme, ICAR-CIFE facilitated a wide range of capacity-building activities targeting Scheduled Tribe (ST) communities across India. Through collaborations with Krishi Vigyan Kendras (KVKs) and Fisheries Colleges, **44 training programs** were organized during the year 2024, benefiting a total of **1599 participants (Male:1071, Female:588)**. These programs focused on areas such as modern and sustainable freshwater aquaculture, fish breeding and hatchery operations, broodstock management, value-added fish product preparation, fish-based integrated farming systems, cage culture, biofloc technology, DNA sequencing, and genetic improvement in aquaculture species. The programs were conducted in Tripura (Sepahijala, Unakoti, Gomati, Dhalai), West Bengal (Bankura, Purulia, Malda), Mizoram (Mamit, Aizawl), Meghalaya (Ri Bhoi, West Khasi Hills, Jaintia Hills, Umiam), Assam (Lakhimpur, Udalguri), Jharkhand (East Singhbhum, Hazaribagh), Maharashtra (Palghar, Pune, Mumbai), Andhra Pradesh (Kakinada), Gujarat (Tapi, Nandurbar), and Telangana (Alluri Sitharama Raju). In addition to the knowledge & skill imparted, critical aquaculture inputs were distributed which comprised of fish seed (10.76 lakhs), fish feed (74.39 tonnes), lime (16.60 tonnes), pH testing kits (120 No.) DO testing kits (120 No.), Nets (111 No.), medicines (275 units), fish brooders (140 No.), etc. These programs significantly supported the upliftment of tribal communities by enhancing aquaculture-based livelihoods through scientific management practices. The **Programmes / Events Organized under TSP scheme during the year 2024 is enlisted below,**

| Title | Dates & Place | No. of Participants (Male+ Female =Total) | Name of Coordinator(s) |
|--|--|---|---|
| Field day on Composite Fish Culture | 11 th January, 2024 KVK, Sepahijala, Tripura | Male: 16 Female: 00 Total: 16 | Dr. Munilkumar Sukham & Dr. Shatabhisa Sarkar |
| Field day on Hands on Composite fish culture | 18 th January, 2024 KVK, Sepahijala, Tripura | Male: 10 Female: 00 Total: 10 | In collaboration with Dr. Shatabhisa Sarkar |
| Training on Zero waste utilization of fish | 8 th – 10 th January, 2024 ICAR-CIFE Kolkata centre | Male: 00 Female: 30 Total:30 | Dr. H. Mandakini Devi & Dr. Leesa Priyadarsani |
| Modern methods of freshwater aquaculture | 8 th – 10 th January, 2024 ICAR-CIFE Kolkata centre | Male: 23 Female: 07 Total:30 | Dr. H. Mandakini Devi & Dr. Leesa Priyadarsani |

| | | | |
|---|--|-------------------------------------|--|
| Integrated Aquaculture, Fish processing and value added fish products preparation. | 2 nd February, 2024 KVK Unakoti, Chantail, Kailashahar, Tripura | Male: 00 Female: 25 Total: 25 | In collaboration with Dr. Biswajit Bal as Local Coordinators. |
| Training and demonstration on Bio floc Technology/ Freshwater Aquaculture' | 4 th – 6 th February 2024 KVK, Kondagaon, Chhattisgarh | Male: 20 Female: 40 Total: 60 | In collaboration with Shri. Om Prakash as Local Coordinators. |
| Modern methods of freshwater aquaculture 5th-7th February 2024 | 5 th – 7 th February, 2024 ICAR-CIFE Kolkata centre | Male: 28 Female: 02 Total:30 | Dr. Parimal Sardar |
| Training -cum-Workshop on the “Aqua feed Production Technology and Feeding Management for Freshwater Aquaculture” | 14 th – 16 th February 2024 Palghar (Maharashtra) | Male: 13 Female: 07 Total: 20 | Dr. Sikendra Kumar |
| Training programme on Aquaculture focusing on Carp Fish Breeding and Hatchery Operations. | 19 th – 23 rd February, 2024 Kvk, mamit District, Lengpui, Mizoram | Male: 18 Female: 17 Total: 35 | In collaboration with Dr. Vanlalhruaia Hnamte as Local Coordinators. |
| Training on Scientific fish farming in the water body of bankura district. | 27 th – 29 th February, 2024 KVK, Sonamukhi Bankura West Bengal | Male: 30 Female: 00 Total: 30 | In collaboration with Dr. Moumita Dey Gupta as Local Coordinators. |
| Skill development training programme on Modern Methods of Freshwater Aquaculture. | 27 th – 29 th February, 2024 Sonamukhi Krishi Vigyan Kendra, Bankura, West Bengal | Male: 12 Female: 18 Total: 30 | Dr. T. K. Ghoshal |
| Training on Fish Breeding and Hatchery Management | 29 th February – 3 rd March, 2024 KVK, Dhalai Salema, Tripura Conference Hall | Male:09 Female:13 Total: 22 | In collaboration with Syam KR. as Local Coordinators. |
| Integrated Aquaculture, Fish processing and value added fish products preparation. | 2 nd February, 2024 KVK Unakoti, Chantail, Kailashahar, Tripura | Male: 00 Female: 25 Total: 25 | In collaboration with Dr. Biswajit Bal as Local Coordinators. |
| Fish based integrated farming system for household farm women | 4 th – 12 th march, 2024 KVK South Tripura | Male: 00 Female: 25 Total: 25 | In collaboration with Dr. Biswajit Debnath as Local Coordinators. |

| | | | |
|---|---|-------------------------------------|---|
| Training on Integrated Fish Farming | 6 th – 8 th march 2024 KVK, Ri Bhoi Umiam Meghalaya | Male: 01 Female: 29 Total: 30 | In collaboration with Dr. M. Mokidul Islam as Local Coordinators. |
| Demonstration cum training programme on “Fish-based integrated farming system” | 6 th - 8 th March, 2024 KVK, West Khasi Hills, | Male: 07 Female: 18 Total: 25 | In collaboration with Dr.L. Warjri as Local Coordinators. |
| Integrated fish culture and fish health management. | 11 th – 13 th march 2024 KVK, Ri Bhoi Umiam Meghalaya | Male: 19 Female: 04 Total: 25 | In collaboration with Dr. M. Mokidul Islam as Local Coordinators. |
| ‘Training on Fish-based integrated farming system | 12 th – 14 th March, 2024 KVK Churachandpur | Male: 20 Female: 05 Total: 25 | In collaboration with L. Somendro Singh as Local Coordinators. |
| Training programme on Aquaculture for their livelihood and improving socio-economic status’. | 12 th March, 2024 KVK, North Tripura, Panisagar, | Male: 11 Female: 09 Total: 20 | In collaboration with Dr. Somendra Kumar, as Local Coordinators. |
| Training on Fish-based integrated farming system/ Integrated aquaculture | 12 th March, 2024 KVK Churachandpur | Male: 25 Female: 05 Total: 25 | In collaboration with Dr. N. Soranganba as Local Coordinators. |
| Training on Value added fish product development for household farm women 13th -21 march 2024 | 13 th – 21 st march, 2024 KVK South Tripura | Male: 00 Female: 25 Total: 25 | In collaboration with Biswajit Debnath as Local Coordinators. |
| Training programme on Sustainable freshwater aquaculture practices | 13 th March, 2024 KVK Churachandpur | Male: 18 Female: 07 Total: 25 | In collaboration with Dr. N. Soranganba as Local Coordinators. |
| Hands on training programme on Enhancement of fish productivity through farmer participatory research | 14 th March, 2024 KVK Churachandpur | Male: 16 Female: 12 Total: 26 | In collaboration with Dr. N. Soranganba as Local Coordinators. |

| | | | |
|--|--|---------------------------------------|---|
| Training on Cage Culture for fish farmers of Sardar Sarovar Reservoirs | 14 th March, 2024 Shelkada Village, Nandurbar | Male: 167 Female: 07 Total: 174 | Dr. Kapil Sukhdane |
| Demonstration cum training programme in fisheries activities” under TSP Scheme | 14 th – 16 th March, 2024 College of Fisheries, CAU (Imphal), Lembucherra, Tripura, Meghalaya | Male: 16 Female: 14 Total: 30 | In collaboration with Dr. Pradyut Biswas as Local Coordinators. |
| Demonstration cum training programme on “Fish processing and value-added fish products” under TSP Scheme | 14 th – 16 th March, 2024 KVK, West Khasi Hills, | Male: 05 Female: 22 Total: 27 | In collaboration with Dr. L. Warjri as Local Coordinators. |
| Training on “Brood stock management and seed production of Clarias magur and establishment of demonstration unit for uplift the tribal community | 14 th March, 2024 KVK, Gomati District Tripura | Male: 21 Female: 02 Total: 23 | In collaboration with Alish Debbarma as Local Coordinator Dhalongsaih Reang, S. Munil Kumar, Arun Sharma, T.I Chanu, Sunil Kumar Nayak |
| Demonstrating cum training on integrated fish farming | 19 th – 22 nd March, 2024 KVK, Jaintia Hill Wahiajer Meghalaya | Male: 12 Female: 13 Total: 25 | In collaboration with Dr. Pasweth as Local Coordinator |
| Entrepreneurship development through commercial fish farming | 19 th – 27 th March, 2024 KVK Lakhimpur Assam | Male: 41 Female: 34 Total: 75 | In collaboration with Dr. P. K. Pathak as Local Coordinators. |
| Training programme on Fish based integrated farming system/ Integrated aquaculture under TSP Scheme | 27 th March, 2024 KVK, Aizwal, Selesih, Mizoram | Male: 18 Female: 08 Total: 26 | In collaboration with Dr. Lalrohlupuii as Local Coordinator |
| Training Program on “Ornamental Fish Culture: Potential & Opportunities” | 19 th - 21 st June, 2024 Balabhadrapuram, ICAR- CIFE, Kakinada | Male: 6 Female: 4 Total: 10 | Dr. Shamna N |
| Demonstration cum training on "Seed production and rearing genetically improved fish | 25 th – 27 th July, 2024 Patas, Pune Maharashtra | Male: 50 Female: 00 Total: 50 | Dr. Kiran Rasal |

| | | | |
|--|---|--------------------------------------|--|
| species (GIFT and Jayanti Rohu)" | | | |
| Training cum awareness programme on "Cage aquaculture: A profitable livelihood option" | 13rd August, 2024 ICAR-CIFE Mumbai, Maharashtra | Male: 18 Female: 00 Total: 18 | Dr. Madhuri Pathak |
| Demonstration on "Polyculture of air - breathing fish with carp using different feeds" | 3rd – 8th Sept, 2024 KVK Malda, West Bengal | Male: 35 Female: 25 Total: 60 | In collaboration with DR.Shailesh Kumar as Local Coordinator |
| skill development training program on 'Modern methods of freshwater aquaculture' | 3 rd - 5 th October, 2024 Barabazar, Purulia, West Bengal | Male: 06 Female: 14 Total: 20 | Dr. Suman Manna |
| Capacity Building of Scheduled Tribe Farmers of East Singhbhum, Jharkhand by ICAR CIFE | 16 th – 18 th October 2024 of East Singhbhum, Jharkhand | Male: 12 Female: 08 Total: 20 | Dr. Dilip Kumar Singh |
| Training programme on aquaculture for their livelihood and improving socio-economic status under TSP Scheme. | 7 th – 9 th November, 2024 KVK, Gomati Tripura | Male: 25 Female: 00 Total: 25 | In collaboration with Alish Debbarma as Local Coordinator |
| Training on Fish Genetic improvement program for enhancement of Aquaculture production | 7 th – 8 th November, 2024 Udalguri, BTC, Assam | Male: 75 Female: 25 Total: 100 | Dr. Mukunda Goswami & Mr. Angom Lenin Singh |
| Training on Fish Genetic improvement program for enhancement of Aquaculture production | 11 th – 13 th November, 2024 Umiam, Meghalaya | Male: 16 Female: 14 Total: 30 | Mr. Angom Lenin Singh & Dr. Shirinivas Jahangeerdar |
| Training on DNA Sequencing using Ion Torrent NGS Platform and Data Analysis | 4 th – 11 th December, 2024 ICAR-CIFE, Mumbai | Male: 03 Female: 07 Total: 10 | Dr. Aparna Chaudhari & Dr. Annam Pavan Kumar |
| Training on Feed-based scientific fish farming | 12 th – 14 th December, 2024 Palghar District, Maharashtra | Male: 25 Female: 03 Total: 28 | Dr. Sikendra Kumar |

| | | | |
|---|---|---------------------------------------|---|
| Training on Genetically Improved Fish Species (GIFT and Jayanti Rohu/ GI Catla) | 13 th – 14 th December, 2024 Junnar, Pune | Male: 125 Female: 02 Total: 127 | Dr. Manoj P. Brahmane, Dr. Arvind Sonwane, Dr. Sunil Kumar Nayak, and Dr. Kiran Rasal |
| Training on Aquaculture Practices and Feed Management | 16 th – 22 nd December, 2024 ICAR-CIFE, Kakinada | Male: 07 Female: 00 Total: 07 | Dr. Shamna N. |
| Training on Freshwater Fish Farming and Farmers Mela | 22 nd December, 2024 Ukai, Gujarat | Male: 92 Female: 02 Total: 100 | Dr. Kapil Sukhdane |