

COASTAL CURRENTS

E-NEWSLETTER



COLLEGE OF FISHERIES SCIENCE

**ST. DEVASAHAYAM INSTITUTE OF
FISHERIES SCIENCE & TECHNOLOGY**

Midalam - 629 193. Kanniyakumari Dist.

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Most Rev. Dr. Nazarene Soosai
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Secretary

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Bursar

From the desk of Dean...

Dear all.....

This quarter has been pivotal for the DIFST, as the college secured a significant government order (G.O. No.75; /09.2024) from the Government of Tamil Nadu, increasing the admission capacity from 40 to 55 students. This marks a major milestone in our development, allowing us to address the long-standing issue of insufficient fisheries graduates in the state, while maintaining the high quality of education we are committed to.

Another noteworthy achievement this quarter was the publication of eight textbooks, each with an ISBN, for the first-semester courses. These books, developed with the help of the respective course instructors, will serve as valuable resources for future batches, aiding in their academic preparation. The admission process under TNJFU was highly successful, with the college reaching nearly full capacity (52 students), despite receiving the G.O. late in the counselling process. The management seats were quickly filled, mostly by students from the local region and district, much to the satisfaction of the administration as our mandate is also to produce more fisheries professionals in this district.

In terms of infrastructure, the management is planning to develop a beautiful new green campus with appropriate facilities, and they have acquired an additional 3.5 acres of land for this purpose. The process to secure approval for the master plan and to begin the construction is already underway.

Additionally, DIFST received a second transport vehicle (TATA) to facilitate field trips for various courses. In collaboration with MANAGE, Hyderabad, and AQUAFIN, Chennai, DIFST also organized a capacity-building program for the tribal community in the Pechiparai hilly region of the district.

Overall, this quarter has been marked by significant growth, including enhanced facilities, faculty recruitment, and academic progress.

Thank you

Regards,
Sugantham Felix
Dean, DIFST &
(Former Vice Chancellor, TNJFU)

**MANAGE Sponsored capacity building
program on “The Art of Fish Product
Development- Crafting, Branding &
Marketing Techniques”**



On July 27, 2024, the Department of Fish Processing Technology hosted a workshop titled "Art of Fish Product Development, Crafting Branding, and Marketing Techniques." The event, presided over by Prof. S. Felix, Dean, and with Dr. Tharahai Cuthbert, MLA of Vilavancode, as the chief guest, provided valuable insights into branding strategies for fish and fishery products while promoting knowledge exchange among local fisherwomen. The training program was coordinated by S. Thamizhanthi and N. Karthik.



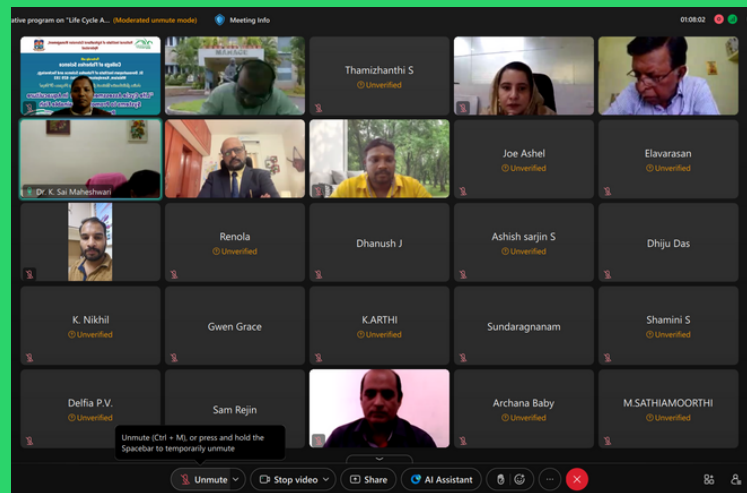
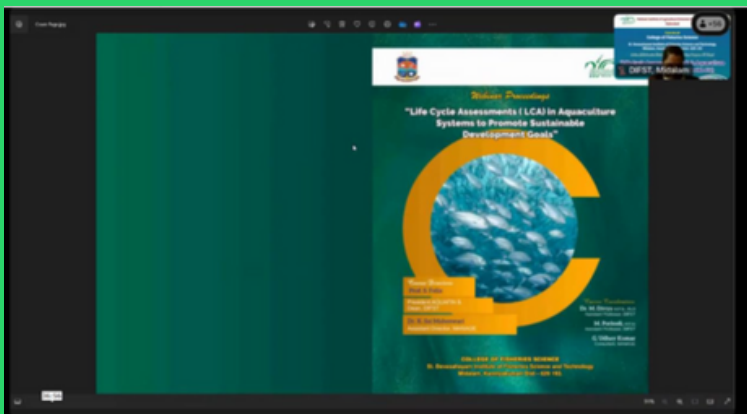
**FSSAI Promotes Awareness on Food
Quality and Safety Among Students**

The Food Safety and Standards Authority of India (FSSAI) Safety Department organized an informative awareness program on July 29, 2024 for students focused on food quality and packaged products. The program discussed the use of chemicals in certain foods and emphasized the importance of choosing authentic ingredients. Through engaging activities, students learned about food safety practices and the impact of their choices on health. This knowledge empowers them to share valuable insights with their friends and families, promoting healthier eating habits and awareness of food quality in their communities.

**Online Collaborative training program on
“LCA in Aquaculture Systems to Promote
Sustainable Fish Production Goals”**



DIFST organized an online capacity-building program from 7-9 August 2024, with sponsorship from MANAGE, Hyderabad. Under the guidance of course directors Prof. S. Felix and Dr. K. Sai Maheswari, the program focused on "Life Cycle Assessments (LCA) in Aquaculture Systems to Promote Sustainable Fish Production Goals."



Dr. A. G. Ponniah, a former director of ICAR-CIBA and ICAR-NBFGR, presented the keynote lecture and released the e-book on the topic. Prof. S. Felix provided an overview of the course, while the event was coordinated by Dr. M. Divya, Ms. M. Porkodi from DIFST, and G. Uday Kumar from MANAGE. The program aimed to equip participants with the skills and knowledge necessary to implement LCA, promoting sustainability in aquaculture practices.

**Capacity Building Program on “Fish
Products Innovation, Branding, and
Marketing Strategies”**



Department of Fish Processing Technology at DIFST organized a five-day training program from August 19 to 23, 2024 entitled on “Fish Products Innovation, Branding, and Marketing Strategies,” sponsored by MANAGE, Hyderabad. This initiative aimed at empowering scheduled tribes by equipping participants with essential skills in fish processing, branding, and sustainable entrepreneurship.



Independence Day

Our institution proudly commemorated the 78th Independence Day on 15.08.2024 with a heartfelt memorial ceremony attended by Prof. S. Felix, Dean; Fr. Kildos, Secretary; faculty members; and students. The event commenced with the hoisting of the national flag, symbolizing our pride and unity.



Our dean shared inspiring words about the importance of freedom and the sacrifices made for it. The event reignited our patriotic spirit, reminding everyone of the strength in unity and our shared commitment to a brighter future for our nation.



The program was inaugurated by Prof. Dr. S. Felix. Tharahai Cuthbert, MLA of Vilavancode, and Ms. Virgil Cross, Assistant Director of Fisheries, Colachel, were the chief guests for the event. It was organized by Ms. S. Thamizhanthi and Mr. N. Karthik from DIFST. Throughout the program, participants engaged in hands-on activities designed to enhance the quality and marketability of fishery products. This practical approach enabled them to develop their own business strategies and promote community independence.



Teachers' Day Celebration at DIFST

Students' Scholarly Society (SSS) celebrated Teachers' Day on September 5, 2024 with great enthusiasm, recognizing the hard work and commitment of DIFST faculty. The event was presided over by Prof. S. Felix and Fr. Dr. A. Kildos. During the ceremony, various awards were presented to faculty members in recognition of their academic achievements and contributions, with heartfelt acknowledgments. This celebration not only highlighted the importance of education but also strengthened the bond between students and teachers.



College and Sports day celebration

Students' Scholarly Society (SSS) proudly organized College Day and Sports Day on September 20, 2024. The event was presided over by Prof. S. Felix, President of SSS, and Fr. Dr. A. Kildos, Secretary, with the esteemed chief guest Er. G. Arul Jerald Prakash. The day kicked off with vibrant College Day festivities, showcasing a range of cultural performances, including solo dances, singing, and group dances, where students displayed their remarkable talents and competed for exciting prizes. The event was coordinated by Mr. B. Anzil Rikesh, General Secretary and his team of SSS.

Simultaneously, Sports Day events, organized by Mr. J. Sam Rejin, Sports Secretary of SSS, featured thrilling competitions between the red and blue teams and individual games, along with various Track & Field events. As the day concluded, awards were presented to students for their exceptional contributions in both cultural and athletic domains, with the Red Team emerging victorious and claiming the overall championship trophy.



This celebration not only highlighted the talents of our students but also fostered a spirit of community and camaraderie, making it a memorable occasion for all.



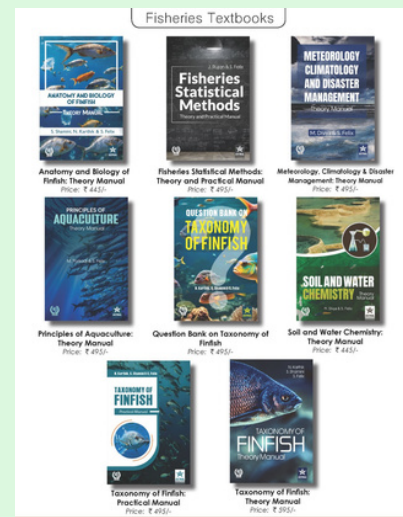
Orientation Programme :

On September 23, 2024, our college warmly welcomed 2024- 25 new batch of students. The event was presided over by our Dean, Prof. S. Felix, together with Secretary Fr. Dr. A. Kildos and Bursar Fr. Amal Raj.



Chief Guest Most. Rev . Dr. Nazarene Soosai initiated the celebration with inspiring words to motivate our new students as they embark on their academic journey. Mr. N. Karthik, Assistant Professor & Coordinator, and Ms. Shamini, Assistant Professor & Counsellor, and other faculty of departments provided invaluable insights into academic rules and regulations for the new batch of students.





The Chairman Bishop released the textbooks published by the DIFST at the Governing Council Meeting held



"Professor S. Felix, Dean, delivered the esteemed 13th Ganapathi Pillai Endowment Lecture at Scott Christian College, Nagercoil, on October 3, 2024. His lecture, titled 'Blue Growth and Beyond: Aquaculture Technologies to Revolutionize Fisheries in Kanniyakumari District,' explored cutting-edge solutions for the industry."

Dr.M.Divya Prof.S.Felix	Soil and Water Chemistry -Theory Manual Meteorology, Climatology and Disaster Mangement- Theory Manual
N.Karthik S.Shamini Prof.S.Felix	Taxonomy of Finfish – Theory Manual Taxonomy of Finfish – Practical Manual Taxonomy of Finfish - Question Bank Anatomy and Biology of Finfish – Theory Manual
M.Porkodi Prof.S.Felix	Principles of Aquaculture – Theory Manual
J.Rujan Prof.S.Felix	Statistical Methods – Theory Manual



Fieldwork Sessions

Manakudy Estuary

Students from DIFST conducted a field trip to the Manakudy Estuary on July 12, 2024, to study fish catches. The students gained valuable experience with Estuarine fishes. They collected and preserved several freshwater specimens for the college museum. Additionally, We observed local fishermen demonstrating the use of cast nets. The estuary's mangrove ecosystem was also a highlight of the field trip.



Kovalam Beach

Students from DIFST visited the Kovalam Beach on July 12, 2024, for a field trip focused on studying the estuarine ecosystem. The hands-on experience provided the students with invaluable learning opportunities. They collected and preserved various estuarine specimens, which are now stored in the DIFST museum. Additionally, the students observed local fishermen skillfully using cast nets, gaining insights into traditional fishing practices. A major highlight of the trip was exploring the rich mangrove habitat of the estuary, offering a deeper understanding of this unique ecosystem.





Pechiparai Reservoir

On July 12, 2024, DIFST students visited Kovalam Beach, Kanyakumari, for a hands-on learning experience. They collected and preserved various marine specimens, including molluscs, seaweeds, aquatic plants, and shore organisms. The students identified these species based on their morphological features and studied their habitat preferences during practical classes. This trip enriched their understanding of marine biodiversity and ecosystem dynamics.



Pechiparai Reservoir's Fish Seed Farm

DIFST students visited the Pechiparai Reservoir and a nearby fish farm on August 19, 2024, for a field trip. During the visit, they gathered valuable information on reservoir management practices and inland fisheries. The Assistant Director Mrs. Virgil Cross reservoir in-charge provided insights into various fishing crafts and gear, as well as techniques used in both culture and capture fisheries, offering a deeper understanding of the complexities involved in managing inland aquatic resources. At the fish seed farm, which serves as a vital fish source for the people of Pechiparai, Mrs. Sophiya, the Inspector of Fisheries, explained the farm's Operation details. Students learned about the culture and packaging techniques for fish seeds, gaining practical knowledge of the fish farming process



Creative Fisheries Projects by Future Fisheries Scientists

As part of an engaging and educational exercise in their Marine Fisheries course, Sophomore at St. Devasahayam Institute of Fisheries Science and Technology undertook an assignment, exploring “Marine zonation”. This hands-on activity enabled students to learn in-depth about the distinct environmental zones within marine ecosystems, including their specific biological features, physical conditions, and ecological importance.



Student Skills Spotlight: a glimpse into unique abilities



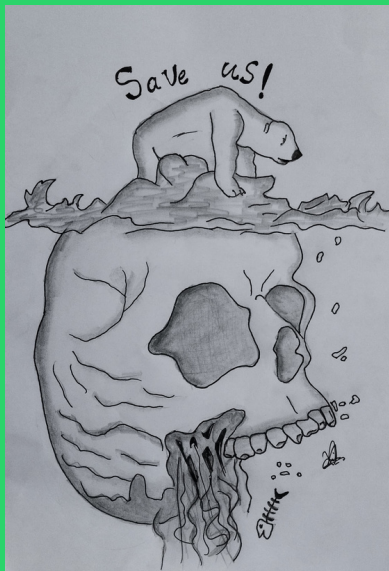
“Only way to find happiness is to stop searching for it and let it finds you.”

B. Asvitha - II Year B.F.Sc



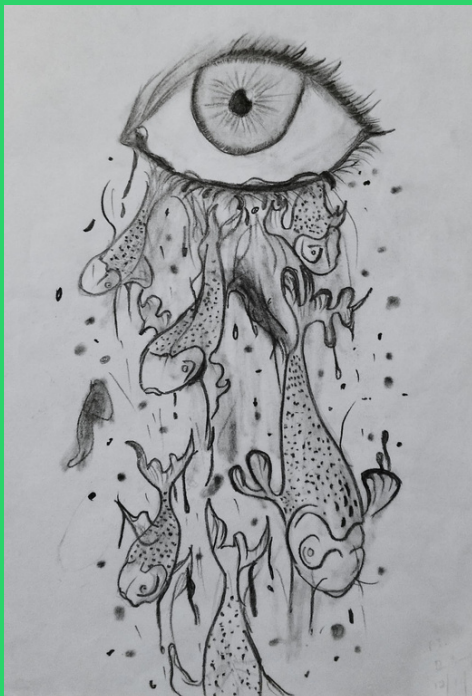
“Just because you can't hear the screams of sharks”

S. Ashish Sarjin - II Year B.F.Sc



"Ocean drop counts, Let's keep it clean."

S. Shiyoba - II Year B.F.Sc



"The Fishers Toil"

P. V. Delfia - II Year B.F.Sc



"Ocean is a place of both beauty and more beauty"

A. Mary Jeni - I Year B.F.Sc

Save ocean

**Nature's beauty, a fragile art.
Human waste leaves a lasting mark.
Let's protect this precious earth,
Before its beauty fades from birth.**

A. Joe Ashel - II Year B.F.Sc

Lesson of the river

**Life's a river, flowing free.
Learn from its lessons, wild and carefree.
Like the ocean, find your peace,
At life's end, let your journey cease.
With success as your guiding light.**

J. Pushpa Renola - II Year B.F.Sc

Turtle in Trouble Waters

**Turtles swim in the ocean blue,
But plastic waste makes their world
new !**

**They think it's food, a tasty treat,
And swallow it, a bitter defeat !
Bottles and trash where waves once
played,
Show how our careless world is made !
Brave turtles swim with strength and
might,
Hoping for seas that are clean and
bright !**

Oh, humans, let us hear their plea,
And protect the ocean, wild and free.
Let's keep the seas a future bright,
A world restored by starlight's .

K. Arthi - II Year B.F.Sc

நீல வானின் நெஞ்சில்

மீனவர் வாழ்க்கையில் நிம்மதி
இல்லை. கடல் தான் அவர்களின் பசி
தீர்க்கும் தாய். அதனால் வரும்
ஆபத்துகள் இரவு நேரங்களில்.
வலையில் மீன்கள் சிக்கிய
காலமெல்லாக, அழகான
கனவுகளோடு துடிக்கும் இதயத்தில்
கடலின் மாறும் மணத்துடன்
பொறுமை கொண்டிருக்கும் நிலம்.

அலைகள் ஆவேசம் கொண்டால்,
அவர்களின் நம்பிக்கையும் நடுங்கும்.
காற்றின் குரல் மீனவர்களின்

கரங்களை கிழித்தால், வாழ்வின்
போக்கையே மாற்றிவிடும். ஆனால்
மீண்டும்
விடாமுயற்சியுடன், தண்ணீரின்
நுணுக்கத்தில் வாழ்வின் தேடலில்
மீண்டும் வலையை வீசி
அலைகளுடன் போரிடுவார்கள்!!

M. Madhan - II Year B.F.Sc

கண் முன்னே பார்த்தேன்

நீலக்கடலில் விளையாடும்
மீனே. உன் அழகைப் பார்த்தேன்...

செந்தமிழ் நதியில் நீ வாழ்வாய்
செல்வம் பெறுவேன் உன்னைப்
பார்த்தேன்...

கடலின் கொட்டும் அலைகளில்
கரை தேடி நீ...

நீரில் நடந்து வரும்
மீனே என் நண்பனே...

கண்ணில் குளிரும் நீ
மீனே என் விழியே...

வர்ணம் வர்ணமாய் விளையும்.
மீன் உருவம் கண்...

மீனே! உன் அழகை கண்டு
வியந்தேன்...

இந்த உப்புக் காத்து இனிக்கிது
உன்னையும், என்னையும் இழுக்குது...

S. Priyadevi - I Year B.F.Sc

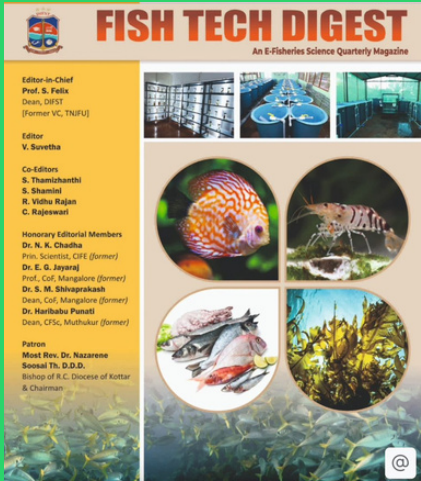
உப்பு - வாழ்வின் உயிர்நாடி

பவளங்களை உன்னில் வைத்து
பாறைப்போல் ஆகிறாய் !
சிப்பியை வாழ வைத்து சிவந்த
முத்தை தருகிறாய் மீன் வளம்
கொண்டு மீனவனை வாழ
வைக்கிறாய்!

கப்பலோட்டி உன் மடியில்
குழந்தையாய் தவழ்ந்து கரை
சேர்கிறான் வாழ்வில் !
"உப்பில்லா பண்டம் குப்பையலே"
உப்பின் அருமையை உனை வைத்து
தான் அறிந்தோம்!

D. Boomika - I Year B.F.Sc

The College is set to launch its inaugural e-magazine, 'Fish Tech Digest', in November, showcasing the latest trends and advancements in aquaculture and fisheries technology. This digital publication will feature insightful articles, research updates, and expert opinions from the field.



Breaking Boundaries: Articles
Making Waves in Publishing
World

Titles of the articles published in pipeline:	
▲	Smart Aquaculture: How IoT Innovations Drive Energy Efficiency, Financial Savings & yield Optimization.
▲	Turning Waste into Wealth: Advancing Fish Product Lines with Circular Economy Solutions.
▲	From Concept to Reality: Aqua mimicry's Impact on Aquaculture Advancement.
▲	A Cross Disciplinary Approach to Study the Impact of Micro plastics on Aquatic Organisms, Ecosystems and Human Health.
▲	Transforming Waste into Values: Eco-Innovation with Fish Meal for Economic Advancement.
▲	Charting the Course for India's Seaweed Farming Industry: Prospects and Strategies for National and International Prominence.
▲	Value Added Initiatives in Indian Seafood Sector for Maximizing Return.
▲	Dry Fish Cuisine: Relevance in Modern Dietary Practice.

Fresh Grant Proposals
Presented to Goverenment
Agencies for Funding Support

Titles of the proposals submitted	
▲	The business of beauty mass producing and trading freshwater ornamental fish.
▲	Harnessing algal potential Techniques for large scale production and product development.
▲	The business of seafood culinary creation and brand building
▲	Establishment of disease diagnostic and water quality testing lab at Kanyakumari district.
▲	Seaweed ventures: Navigating the farming , processing and marketing in the near shore marine waters.
▲	From Tank to market: The Bubbling business of freshwater Ornamental fish.

THE OCEAN, OUR PLANET'S HEART,
SUSTAINS ALL LIFE. LET'S PROTECT ITS
BEAUTY AND HEALTH

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