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*Shaping Lives...
Empowering Communities...*



Report

on

3-Days Training Program for the Secretaries of PACS under Registrar of Cooperative Society, Govt. of Odisha, India.

Submitted

by

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1. INTRODUCTION

The Registrar of Cooperative Societies, Government of Odisha, organized a comprehensive 3-days training program for the Secretaries of Primary Agriculture Cooperative Societies (PACS) in Odisha at Centurion University of Technology and Management, Odisha, India. About 20 sessions were undertaken across the two campuses of the University. First days of the sessions were held at the Bhubaneswar campus and the other two days sessions were held at its Paralakhemundi campus. The objective of the program was to enhance the capacity and skills of PACS secretaries in cooperative governance, agricultural services, community engagement, and sustainable development practices. This program encompasses a diverse range of sessions, each led by experts in their respective fields, aimed at providing hands-on experiences and insightful learning opportunities.



2. BROAD OBJECTIVE

The overarching objective of this training program was to empower participants with the knowledge and skills necessary to engage effectively in sustainable agricultural practices, waste management, manufacturing, and finance. By participating in experiential learning activities, interactive sessions, and field visits, participants not only gain a deep understanding of key concepts but also developed the practical skills required to implement sustainable solutions in their communities.

Throughout the program, participants explored the intricate relationship between ecological balance, economic viability, and social well-being. By diving into topics such as pollinator ecology, waste management, manufacturing processes, healthcare practices, financial inclusion, and agricultural innovations, participants were equipped to address contemporary challenges and seize entrepreneurial opportunities in their respective fields.

Moreover, this training program emphasized the importance of interdisciplinary approaches and integrated solutions. Participants learned how different sectors intersect and how integrated farming systems, for instance, can enhance productivity, conserve resources, and improve

livelihoods. By fostering a holistic understanding of sustainable development, this program aimed to empower participants to become catalysts for positive change in their communities and beyond.

Overall, the training program seemed to inspire and equip participants to embrace sustainability as a guiding principle in their professional endeavors, fostering resilience, innovation, and inclusive growth. Through collaboration, learning, and reflection, participants emerged as informed and proactive agents of change, capable of driving meaningful impact in diverse socio-economic contexts.



3. SPECIFIC OBJECTIVE AND LEARNING OUTCOME SESSION WISE

Inaugural Session & Visit to Pollinators Paradise

The objective of this session was to understand the ecological importance of pollinators in agriculture and biodiversity.

Participants explored the business aspects of maintaining a pollinator-friendly garden, gaining insights into sustainable practices and their environmental impact.

Faculty Responsible: Prof. Yashaswi Nayak, Prof. Sagarika, Prof. Siba Prasad Parida

During this session, participants were engaged in an inaugural session followed by a visit to the Pollinators Paradise. They learned about the critical role of pollinators in maintaining ecological balance and explore various sustainable practices such as designing pollinator-friendly gardens, maintaining ornamental plants, aquaria, aviary nests, vermicompost, STP, and freshwater pearls. The experiential learning opportunity enabled participants to understand both the ecological and business aspects of maintaining a pollinator-friendly environment.

Waste to Wealth

This session aimed to educate participants about waste management and sustainable practices. Participants gained insights into implementing sustainable waste management practices and understanding their environmental impact.

Faculty Responsible: Prof. Abanikanta Bhadra

During this session, participants focused on the importance of waste management and explored sustainable practices that can be implemented at both individual and community levels. Through interactive discussions and case studies, they understood the environmental consequences of improper waste disposal and learn effective strategies for waste reduction, recycling, and resource recovery.

Visit to Pavers Unit

The objective here was to introduce participants to the manufacturing process of pavers. Participants gained knowledge about the various types of pavers and their manufacturing process.

Faculty Responsible: Prof. Abanikanta Bhadra

During this session, participants visited the Pavers Unit to gain firsthand experience of the manufacturing process. They learned about the different types of pavers, the materials used, and the techniques involved in their production. This visit provided the participants with insights into the construction industry and the role of pavers in infrastructure development.

Visit to Apparel Unit

This session aimed to introduce participants to the apparel manufacturing process and explore marketing strategies for apparel businesses. Participants gained an understanding of different fabric types, clothing manufacturing processes, and marketing strategies in the apparel industry.

Faculty Responsible: Mr. Nikhil Mohanty

During this session, participants visited the Apparel Unit to learn about different fabric types, garment manufacturing techniques, and quality control processes. They also explored marketing strategies for apparel businesses, including branding, distribution channels, and customer engagement. This visit provided the participants with insights into the textile and fashion industry and opportunities for entrepreneurship in this sector.

Visit to School of Pharmacy

The objective was to introduce participants to basic concepts of health and well-being, including eye care practices. Participants gained knowledge about essential health and wellness concepts and eye care practices.

Faculty Responsible: Prof. Himansu, Prof. Gurudatta Pattnaik

During this session, participants visited the School of Pharmacy to learn about basic health and wellness concepts, including nutrition, hygiene, and disease prevention. They also explored eye care practices and products, including Essilor specs, and visited a community diagnostic center to understand healthcare delivery models. This visit provided the participants with insights into public health and healthcare services, emphasizing the importance of preventive care and health promotion.

Session on Financial Inclusion & Digital Literacy

This session aimed to emphasize the importance of financial inclusion and digital literacy in today's context. Participants gained an understanding of financial inclusion initiatives and digital literacy programs.

Faculty Responsible: Dr. Pramod Pattajoshi

During this session, participants learned about the significance of financial inclusion and digital literacy in promoting economic empowerment and social inclusion. They explored various financial inclusion initiatives implemented in Odisha, including case studies of successful projects. Additionally, they discussed the challenges and opportunities in enhancing financial inclusion through cooperative banking and digital technologies. This session provided the participants with insights into financial inclusion strategies and the role of technology in expanding access to financial services.

This schedule outlines a comprehensive training program designed to provide participants with practical knowledge and skills in various sectors, including agriculture, waste management, manufacturing, healthcare, and finance. By engaging in experiential learning activities and interactive sessions, participants gained valuable insights into sustainable development practices and entrepreneurship opportunities in their communities.

Introduction to Drone Technology in Agriculture

This session aimed to introduce participants to the fundamental concepts of drone technology in agriculture, highlighting its various applications and potential benefits for farmers.

Faculty Responsible: Prof. J. Anil Kumar and Dr. K. Harshavardhan

Participants gained a thorough understanding of how drones could be utilized in modern agriculture, including crop monitoring, pest management, irrigation optimization, and yield prediction. They learned about the different types of drones and sensors used in agriculture and how these technologies can help farmers make data-driven decisions to improve productivity and sustainability. Through case studies and practical demonstrations, participants developed insights into the practical implementation of drone technology on farms and its impact on agricultural practices.

Visit to Dairy Unit

This session aimed to provide participants with a comprehensive overview of dairy farming practices and milk processing operations.

Faculty Responsible: Dr. Prasant Kumar Choudhury and Dr. Rajashree Jena

Participants had an opportunity to explore a dairy farm and gain hands-on experience in various aspects of dairy production, including cattle management, milking procedures, and milk processing techniques. They learned about different breeds of dairy cattle, their characteristics, and the factors influencing milk production. Through interactive sessions with industry experts, participants understood the importance of quality control, hygiene standards, and regulatory compliance in the dairy industry. By witnessing the entire milk processing chain from raw milk

collection to final product packaging, participants gained insights into the complexities of dairy value chains and the challenges faced by dairy farmers and processors.

Overview of Integrated Farming Systems

This session aimed to familiarize participants with the concept of integrated farming systems and its role in promoting sustainable agriculture.

Faculty Responsible: Dr. Saurav Barman, Dr. Nilanjana Dutta and Mr. Dwity Sundar Rout

Participants learned about the principles of integrated farming systems, which involved the combined production of crops, livestock, and other agricultural commodities within a single farming operation. They understood how integrated farming systems could improve resource use efficiency, enhance soil fertility, and reduce environmental impacts compared to conventional farming practices. Through case studies and practical examples, participants would explore different models of integrated farming systems and their applicability to diverse agro-ecological settings. They also learned about the potential benefits of crop diversification, agroforestry, and organic farming practices in enhancing farm resilience and livelihoods.

Curcumin Extraction

The main objective of this session was to provide participants with practical knowledge and skills in curcumin extraction from turmeric.

Faculty Responsible: Dr. Sagar Maitra, Mrs. Upasana Sahu and Mr. Sairam

Participants learned about the process of curcumin extraction, including the selection of raw materials, extraction methods, and purification techniques. They were engaged in hands-on activities to extract curcumin from turmeric samples, using equipment and materials commonly found in small-scale processing units. Through demonstrations and guided exercises, participants gained insights into the factors influencing the yield and quality of curcumin extracts and learned about the potential applications of curcumin in food, pharmaceutical, and cosmetic industries. Additionally, they explored market opportunities for curcumin-based products and value-added processing techniques to enhance the economic viability of turmeric cultivation.

Veterinary Activities

This session aimed to familiarize participants with basic principles of animal healthcare and veterinary practices.

Faculty Responsible: Prof. R. K. Swain, Dr. Mallikarjuna Rao and Dr. K. Prashanthi

Participants received an introduction to common veterinary procedures such as vaccination and deworming. Demonstrations and interactive sessions were conducted to provide practical insights into maintaining animal health in the community.

By the end of the session, participants had a better understanding of fundamental animal healthcare practices and were equipped with practical tips for ensuring the well-being of animals in their care.



Goat Farming and Piggery

This session aimed to introduce participants to the potential benefits of goat farming and piggery and provided them with practical knowledge on how to set up and manage a small-scale goat and pig farm.

Faculty Responsible: Prof. R. K. Swain and Dr. Mallikarjuna Rao

Participants learned about the advantages of goat farming, including its economic and ecological benefits. Practical aspects of goat farming and pig farming, such as breed selection, housing, feeding, and healthcare, was covered. Additionally, common challenges in goat farming were discussed, along with strategies for overcoming them. By the end of the session, participants were familiar with the basics of goat and pig farming and gained practical insights into the key factors involved in successfully managing a goat farm.

Greenhouse Management

This session aimed to educate participants about the importance of greenhouses in modern agriculture and provided them with practical knowledge on greenhouse construction and maintenance.

Faculty Responsible: Dr. Sagar Maitra, Mrs. Upasana Sahu and Mr. Sairam

Participants learned about the role of greenhouses in extending the growing season, protecting crops from adverse weather conditions, and optimizing yield and quality. Practical aspects of greenhouse construction, including materials, design considerations, and environmental control systems, will be covered. Participants learned about greenhouse maintenance practices to ensure optimal crop growth and productivity. By the end of the session, participants understood the benefits of greenhouse farming and gained practical knowledge on how to design, construct, and maintain a greenhouse for successful crop production.

Orchid Farming Workshop

This session aimed to introduce participants to the art and science of orchid farming and provided them with hands-on experience in orchid cultivation techniques.

Faculty Responsible: Dr. Kartik Pramanik, Dr. G. Anitha and Dr. Amit Lohar

Participants learned about the biology of orchids, including their growth habits, environmental requirements, and common pests and diseases. Practical sessions were covered ranging from the topics such as orchid propagation, potting and mounting techniques, and routine care and maintenance. Participants had the opportunity to practice these techniques under the guidance of experienced orchid growers. By the end of the session, participants gained a deeper understanding of orchid cultivation principles and acquired practical skills that they can apply to their own orchid-growing endeavors.

Diafit Rice Production and Visit to Fishery Farm

This session aimed to introduce participants to the nutritional benefits of Diafit rice and provided them with practical knowledge on its cultivation using organic farming practices. They also visited to fishery ponds and understood the basics of fish cultivation, quality assessment of water and soil of ponds, rearing, breeding, and growth methods of fishes as well as other aquaculture items.

Faculty Responsible: Prof. M. Satya Prasad, Dr. Sambid Swain and Mr. Dwity Sundar Rout

Participants learned about the nutritional composition of Diafit rice and its potential health benefits. Practical demonstrations were covered such as land preparation, seed selection and sowing, water management, weed and pest control, and harvesting and post-harvest handling. Participants also learned about organic farming techniques that promote soil health and environmental sustainability. By the end of the session, participants understood the nutritional value of Diafit rice and gained practical experience in its cultivation using organic farming methods. They were equipped with the knowledge and skills needed to produce high-quality diafit rice sustainably.

Review and Reflection

These sessions aimed to provide participants with an opportunity to reflect on their learning experiences and consolidate their understanding of key concepts covered in previous sessions.

Participants were engaged in group discussions and reflective exercises to review and summarize the main learnings from the various sessions. They identified key insights, lessons learned, and areas for further exploration or application. Participants also had the opportunity to share their experiences, challenges, and successes with their peers and facilitators. By the end of the sessions, participants synthesized their learning from the entire program and developed a deeper understanding of integrated farming systems, animal healthcare, greenhouse management, orchid farming, and Diafit rice production. They were prepared to apply their knowledge and skills in their own agricultural practices or research endeavors.

4. CONCLUSION

The 3-days training program for the Secretaries of PACS under the Registrar of Cooperative Society, Government of Odisha, India, marks a significant step towards strengthening cooperative governance, agricultural services, and community engagement in the state. Through comprehensive sessions covering cooperative principles, financial management, operational efficiency, and sustainable development practices, participants gained valuable insights and skills to effectively lead their societies and serve their members.

The program emphasized the importance of collaborative efforts, digital solutions, and innovative approaches to address the evolving challenges faced by PACS. By fostering a deeper understanding of community development priorities, social responsibility, and environmental sustainability, the training program aimed to empower PACS secretaries to drive positive change and contribute to rural development in Odisha.

Moving forward, it is essential to build upon the momentum generated by this training program and continue investing in capacity-building initiatives for PACS secretaries. By providing ongoing support, resources, and opportunities for learning and collaboration, we can ensure the resilience and effectiveness of the cooperative movement in Odisha, ultimately leading to improved livelihoods and sustainable development outcomes for rural communities across the state.



ANNEXURE-I

**Training Expenses for 30 numbers of Trainees from
Government from Office of Registrar of Cooperative Societies,
Odisha, Bhubaneswar**

Fixed Fee and Expenses				
Sl. No.	Expense Head	Basis	Per Participants Amount (INR)	For 30 Participants
1	Training Expenses	@ Rs. 100/- per session, per participant @ 20 sessions	2000/-	60,000/-
2	Course Material	@ Rs. 400/-, per person	400/-	12,000/-
3	Assessment & Certification fee	@ Rs. 1,000/- per person	1,000/-	30,000/-
4	Miscellaneous Expenses	@ 1000/-, per person (Towards office stationery, etc.)	1,000/-	30,000/-
Residential Expenses at CUTM, Bhubaneswar				
Sl. No.	Expense Head	Basis	Per Participants Amount (INR)	For 30 Participants
1	Accommodation expenses	@ Rs. 650/-, per day per person, For 4 days	2,600/-	78,000/-
2	Food expenses	@ Rs. 500/- per day per person for 4 days	2,000/-	60,000/-
Transportation Expenses				
1	Transportation From BBS to PKD- Both side (@ 1120/- for 3 Tier AC) + Refreshment (@ 125/- for 32 participants)			39840/-
2	Transportation From Paralakhemundi - Palasa Railway Station by Bus (60 KMs) on 29th April 2024			3300/-
Grand Total				313140/-

Note: The tickets were cancelled from BBS to PKD on 9th March, 13th March and 15th March 2024. The total amount after cancellation was adjusted while re-booking of the train tickets on 22nd, 23rd April 2024 and from Palasa to BBS on 19th and 20th April 2024.

Note: GST Extra as Applicable

ANNEXURE-II

Attendance Sheet

Trainees from Office of Registrar of Cooperative Societies Odisha, Bhubaneswar
Reporting Date: 25th April 2024

Sl. No.	Name of the District	Name of the Secretary	Age	Gender	Mobile No.	Aadhar No.	Designation	Name of the PACS/ LAMPCS/SCS	Attendance
1	Keonjhar	Pradeep Singh	45	Male	8260251184	213847899561	Secretary	Belabahali Scs Ltd. Belabahali	Pradeep Singh
2	Keonjhar	Dayanidhi Das	50	Male	9438021331	524762918614	Secretary	Harichandanpur Lampcs Ltd. Harichandanpur	Dayanidhi Das
3	Khordha	SIBA SANKAR PARIDA	31	Male	8249835361	378728265436	Secretary	JAMUKOLI 8637286815	Sibasankar Parida
4	Khordha	PRAVAKAR BEHERA	57	Male	8637286815	740687466828	Secretary	PANGARSINGH 8249835361	Pravakar Behera
5	Balangir	Arupananda Sahoo	32	Male	7008861315	594618853761	Secretary	Mahimunda	Arupananda Sahoo
6	Sonepur	Pravat kumar Sahu	39	Male	9853035410	425653235812	Secretary	Mursundhi PACS	Pravat kumar Sahu
7	Sonepur	TUSHAR RANJAN PANDA	40	Male	9777114982	637588228668	Secretary	BANKIGIRIDI	Tushar Ranjan Panda
8	Jagatsinghpur	Pradipta kumar Mohanty	54	Male	9937769595	213751680153	Secretary	Singharpur PACS	Pradipta kumar Mohanty
9	Jagatsinghpur	Jyoti Prakash Lenka	42	Male	9437687545	752706133767	Secretary	Naugaon PACS	Jyoti Prakash Lenka
10	Bhadrak	Ajaya Kumar Behera	48	Male	7381608430	529885117907	Secretary	Sarasada	Ajaya Kumar Behera
11	Bhadrak	Sanjay Kumar Mallik	42	Male	9348384984	413905550546	Secretary	Naguan	Sanjay Kumar Mallik
12	Dhenkanal	Jnyanaranjan Dhaar	28	Male	8457006993	837460128978	CEO	Sanjapada PACS	
13	Dhenkanal	Rakesh Roshan Pani	40	Male	9777791291	299895388190	CEO	Bainsia PACS	
14	Angul	Ajay Kumar Sahu	48	Male	9861195137	433195028723	Secretary	Khalari PACS	Ajay Kumar Sahu
15	Angul	Surendra Dalbehera	51	Male	7978302432	512028691883	Secretary	Bentapur PACS	Surendra Dalbehera
16	Jajpur	Birupakhya Saran	48	Male	9437280473	865636131890	Secretary	Deoda	
17	Jajpur	Bichitrnananda Behera	57	Male	8637235044	534605227073	Secretary	Similia	
18	Kendrapara	Prasanta Kumar Swain	47	Male	7978734979	304732401005	Secretary	Barakandha PACS Ltd	Prasanta Kumar Swain
19	Kendrapara	Biswajit Barik	37	Male	9938306211	785005808433	Secretary	Akhuadakhini PACS Ltd	Biswajit Barik
20	Kendrapara	Dillip Kumar Panda	44	Male	9438367586	208195199480	Secretary	Talakusuma PACS Ltd	Dillip Kumar Panda
21	Kendrapara	Mrutyunjaya Dash	54	Male	9437314015	478783332972	Secretary	Kusiapal PACS Ltd	
22	Mayurbhanja	Puresh Chandra Behera	28	Male	9668371277	901755078015	MD	Palasmundali	Puresh Chandra Behera
23	Mayurbhanja	Tapas Ranjan Dhir	35	Male	9439452025	811304572145	MD	Bisoi	Tapas Ranjan Dhir
24	Nayagarh	Prasanta Kumar Lenka	41	Male	9658193061	745369174376	Secretary	Lenkudipada PACS Ltd	Prasanta Kumar Lenka
25	Nayagarh	Pitabasa Swain	30	Male	9337411215	453345174605	Secretary	Durdura PACS Ltd	Pitabasa Swain
26	Ganjam	Chitrasen Sethi	43	Male	7008609822	733058498174	Secretary	A Karadabadi SCS	Chitrasen Sethi
27	Ganjam	Pratap Chandar Patra	45	Male	7682088388	972806024989	Secretary	Antarapada SCS	Pratap Chandar Patra
28	Ganjam	Jayaram Nayak	42	Male	9937638993	293263383665	Secretary	B Karadabadi SCS	Jayaram Nayak
29	Ganjam	Purna chandra Bisoyi	39	Male	8249012892	906607966807	Secretary	Pangidi SCS	Purna chandra Bisoyi
30	Ganjam	Padma Ch Gouda	39	Male	9937447224	723902329771	Secretary	Barasara PACS	Padma Ch Gouda

Training Program for Participants from Registrar of Cooperative Society Odisha

Attendance Sheet

Date: 26.04.2024

Sl. No.	Name of the District	Name of the Secretary	Designation	Name of the PACS/ LAMPCS/SCS	Signature
1	Keonjhar	Pradeep Singh	Secretary	Belabahali Scs Ltd. Belabahali	Pradeep Singh
2	Keonjhar	Dayanidhi Das	Secretary	Harichandanpur LamPCS Ltd. Harichandanpur	Dayanidhi Das
3	Khordha	SIBA SANKAR PARIDA	Secretary	JAMUKOLI	Siba Sankar Parida
4	Khordha	PRAVAKAR BEHERA	Secretary	PANGARSINGH	Pravakar Behera
5	Balangir	Arupananda Sahoo	Secretary	Mahimunda	Arupananda Sahoo
6	Sonepur	Pravat kumar Sahu	Secretary	Mursundhi PACS	Pravat Kumar Sahu
7	Sonepur	TUSHAR RANJAN PANDA	Secretary	BANKIGIRIDI	Tushar Ranjan Panda
8	Jagatsinghpur	Pradipta kumar Mohanty	Secretary	Singharpur PACS	Pradipta Kumar Mohanty
9	Jagatsinghpur	Jyoti Prakash Lenka	Secretary	Naugaon PACS	Jyoti Prakash Lenka
10	Bhadrak	Ajaya Kumar Behera	Secretary	Sarasada	
11	Bhadrak	Sanjay Kumar Mallik	Secretary	Naguan	
12	Dhenkanal	Jnyanaranjan Dhaar	CEO	Sanjapada PACS	
13	Dhenkanal	Rakesh Roshan Pani	CEO	Bainsia PACS	
14	Angul	Ajay Kumar Sahu	Secretary	Khalari PACS	Ajay Kumar Sahu
15	Angul	Surendra Dalbehera	Secretary	Bentapur PACS	Surendra Dalbehera
16	Jajpur	Birupakhya Saran	Secretary	Deoda	
17	Jajpur	Bichitrnanda Behera	Secretary	Similia	

18	Kendrapara	Prasanta Kumar Swain	Secretary	Barakandha PACS Ltd	Prasanta Kumar Swain
19	Kendrapara	Biswajit Barik	Secretary	Akhuadakhni PACS Ltd	Biswajit Barik
20	Kendrapara	Dillip Kumar Panda	Secretary	Talakusuma PACS Ltd	Dillip Kumar Panda
21	Kendrapara	Mrutyunjaya Dash	Secretary	Kusiapal PACS Ltd	
22	Mayurbhanja	Puresh Chandra Behera	MD	Palasmundali	Puresh Chandra Behera
23	Mayurbhanja	Tapas Ranjan Dhir	MD	Bisoi	Tapas Ranjan Dhir
24	Nayagarh	Prasanta Kumar Lenka	Secretary	Lenkudipada PACS Ltd	Prasanta Kumar Lenka
25	Nayagarh	Pitabasa Swain	Secretary	Durdura PACS Ltd	Pitabasa Swain
26	Ganjam	Chitrasen Sethi	Secretary	A Karadabadi SCS	Chitrasen Sethi
27	Ganjam	Pratap Chandar Patra	Secretary	Antarapada SCS	Pratap Ch. Patra
28	Ganjam	Jayaram Nayak	Secretary	B Karadabadi SCS	Jayaram Nayak
29	Ganjam	Purna chandra Bisoi	Secretary	Pangidi SCS	Purna Ch. Bisoi
30	Ganjam	Padma Ch Gouda	Secretary	Barasara PACS	Padma Chandra Gouda

Training Program for Participants from Registrar of Cooperative Society Odisha

Attendance Sheet

Date: 27.04.2024

Sl. No.	Name of the District	Name of the Secretary	Designation	Name of the PACS/ LAMPCS/SCS	Signature
1	Keonjhar	Pradeep Singh	Secretary	Belabahali Scs Ltd. Belabahali	Pradeep Singh
2	Keonjhar	Dayanidhi Das	Secretary	Harichandanpur Lampcs Ltd. Harichandanpur	Dayanidhi Das
3	Khordha	SIBA SANKAR PARIDA	Secretary	JAMUKOLI	Sibasankar Parida
4	Khordha	PRAVAKAR BEHERA	Secretary	PANGARSINGH	Pravakar Behera
5	Balangir	Arupananda Sahoo	Secretary	Mahimunda	Arupananda Sahoo
6	Sonepur	Pravat kumar Sahu	Secretary	Mursundhi PACS	Pravat kumar Sahu
7	Sonepur	TUSHAR RANJAN PANDA	Secretary	BANKIGIRIDI	Tushar Ranjan Panda
8	Jagatsinghpur	Pradipta kumar Mohanty	Secretary	Singharpur PACS	Pradipta kumar Mohanty
9	Jagatsinghpur	Jyoti Prakash Lenka	Secretary	Naugaon PACS	Jyoti Prakash Lenka
10	Bhadrak	Ajaya Kumar Behera	Secretary	Sarasada	Ajaya Kumar Behera
11	Bhadrak	SUMANTA K. SENAPATI Sanjay Kumar Malik	Secretary	Navagaon Navayanpur	Sumanta K. Senapati
12	Dhenkanal	Jnyanaranjan Dhaar	CEO	Sanjapada PACS	Jnyanaranjan Dhaar
13	Dhenkanal	Rakesh Roshan Pani	CEO	Bainsia PACS	Rakesh Roshan Pani
14	Angul	Ajay Kumar Sahu	Secretary	Khalari PACS	Ajay Kumar Sahu
15	Angul	Surendra Dalbehera	Secretary	Bentapur PACS	Surendra Dalbehera
16	Jajpur	Birupakhya Saran	Secretary	Deoda	Birupakhya Saran
17	Jajpur	Bichitrnananda Behera	Secretary	Similia	Bichitrnananda Behera

18	Kendrapara	Prasanta Kumar Swain	Secretary	Barakandha PACS Ltd	Prasanta Kumar Swain
19	Kendrapara	Biswajit Barik	Secretary	Akhuadakhini PACS Ltd	Biswajit Barik
20	Kendrapara	Dillip Kumar Panda	Secretary	Talalusuma PACS Ltd	Dillip Kumar Panda
21	Kendrapara	Mrutyunjaya Dash	Secretary	Kusiapal PACS Ltd	Mrutyunjaya Dash
22	Mayurbhanja	Puresh Chandra Behera	MD	Palasmundali	Puresh Ch. Behera
23	Mayurbhanja	Tapas Ranjan Dhir	MD	Bisoi	Tapas Ranjan Dhir
24	Nayagarh	Prasanta Kumar Lenka	Secretary	Lenkudipada PACS Ltd	Prasanta Kumar Lenka
25	Nayagarh	Pitabasa Swain	Secretary	Durdura PACS Ltd	Pitabasa Swain
26	Ganjam	Chitrasen Sethi	Secretary	A Karadabadi SCS	Chitrasen Sethi
27	Ganjam	Pratap Chandar Patra	Secretary	Antarapada SCS	Pratap Ch. Patra
28	Ganjam	Jayaram Nayak	Secretary	B Karadabadi SCS	Jayaram Nayak
29	Ganjam	Purna chandra Bisoi	Secretary	Pangidi SCS	Purna ch. Bisoi
30	Ganjam	Padma Ch Gouda	Secretary	Barasara PACS	Padma Ch Gouda

Training Program for Participants from Registrar of Cooperative Society Odisha

Attendance Sheet

Date: 28.04.2024

Sl. No.	Name of the District	Name of the Secretary	Designation	Name of the PACS/ LAMPCS/SCS	Signature
1	Keonjhar	Pradeep Singh	Secretary	Belabahali Scs Ltd.Belabahali	
2	Keonjhar	Dayanidhi Das	Secretary	Harichandanpur Lampcs Ltd.Harichandanpur	Dayanidhi Das
3	Khordha	SIBA SANKAR PARIDA	Secretary	JAMUKOLI	Sibasankar Parida
4	Khordha	PRAVAKAR BEHERA	Secretary	PANGARSINGH	
5	Balangir	Arupananda Sahoo	Secretary	Mahimunda	Arupananda Sahoo
6	Sonepur	Pravat kumar Sahu	Secretary	Mursundhi PACS	Pravat kumar Sahu
7	Sonepur	TUSHAR RANJAN PANDA	Secretary	BANKIGIRIDI	Tushar Ranjan Panda
8	Jagatsinghpur	Pradipta kumar Mohanty	Secretary	Singharpur PACS	Pradipta kumar Mohanty
9	Jagatsinghpur	Jyoti Prakash Lenka	Secretary	Naugaon PACS	Jyoti Prakash Lenka 28/04/2024
10	Bhadrak	Ajaya Kumar Behera	Secretary	Sarasada	Ajaya Kumar Behera
11	Bhadrak	SUMANTA K. SENAPATI Sanjay Kumar Malik	Secretary	Nagan Navayanpur	Sumanta K. Senapati
12	Dhenkanal	Jnyananarjan Dhaar	CEO	Sanjapada PACS	Jnyananarjan Dhar.
13	Dhenkanal	Rakesh Roshan Pani	CEO	Bainsia PACS	Rakesh Roshan Pani
14	Angul	Ajay Kumar Sahu	Secretary	Khalari PACS	Ajay Kumar Sahu
15	Angul	Surendra Dalbehera	Secretary	Bentapur PACS	Surendra Dalbehera
16	Jajpur	Birupakhya Saran	Secretary	Deoda	Birupakhya Saran
17	Jajpur	Bichitrananda Behera	Secretary	Similia	Bichitrananda Behera

18	Kendrapara	Prasanta Kumar Swain	Secretary	Barakandha PACS Ltd	Prasanta Kumar Swain
19	Kendrapara	Biswajit Barik	Secretary	Akhuadakhini PACS Ltd	Biswajit Barik
20	Kendrapara	Dillip Kumar Panda	Secretary	Talakusuma PACS Ltd	Dillip Kumar Panda
21	Kendrapara	Mrutyunjaya Dash	Secretary	Kusiapal PACS Ltd	
22	Mayurbhanja	Puresh Chandra Behera	MD	Palamundali	Puresh Chandra Behera
23	Mayurbhanja	Tapas Ranjan Dhir	MD	Bisoi	Tapas Ranjan Dhir
24	Nayagarh	Prasanta Kumar Lenka	Secretary	Lenkudipada PACS Ltd	Prasanta Kumar Lenka
25	Nayagarh	Pitabasa Swain	Secretary	Durdura PACS Ltd	Pitabasa Swain
26	Ganjam	Chitrasen Sethi	Secretary	A Karadabadi SCS	Chitrasen Sethi
27	Ganjam	Pratap Chandar Patra	Secretary	Antarapada SCS	Pratap Ch. Patra
28	Ganjam	Jayaram Nayak	Secretary	B KaradabadiSCS	Jayaram Nayak
29	Ganjam	Purna chandra Bisoi	Secretary	Pangidi SCS	Purna ch. Bisoi
30	Ganjam	Padma Ch Gouda	Secretary	Barasara PACS	Padma Charam Gouda

ANNEXURE-III

Feedback Reports



TRAINING OF SECRETARIES (PACS) UNDER REGISTRAR OF COOPERATIVE SOCIETIES, GOVT. OF ODISHA, INDIA

Date: 26th -28th April 2024

Organizer: Centurion University of Technology and Management, Paralakhemundi

Feedback Form

Date: 28.04.2024

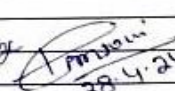
SL.NO.	TRAINEE'S NAME	REMARKS FOR SESSIONS	SIGNATURE
01	Prasanta Kumar Sahoo	1-Dairy Processing unit 2-Protected cultivation cenrl- land Poly houses 3-Agriculture lab 4-Disease Centre 5-Herbar Garden 6-Dragon fruit garden 7-Coffee Garden, 8-Organic Research farm 9-vegetable field 10-poultry farm 11-Diatit Rice-1 12-cochid flower all are very very well. Training very well for me. Thanks Centurion University and founder and all staff. Specially give for and Abhinav's very much thanks. one suggestion - farming Training need.	

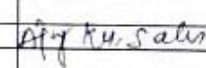
SL.NO.	TRAINEE'S NAME	REMARKS FOR SESSIONS	SIGNATURE
1-	Devlip Kumar Panda	First Session was very good for me. Because we saw the processing of Ocean fishing Processing Taroni (B.B.R). Then saw medicinal trees and full shade trees and different types of mango trees and other trees. How to earn maximum production of mango and other things. Then saw ducks, cockroth, hen's. Then went to electrification of Transfer Production Center and How to manufacture these and referring. It was the experience of Jatrai Learning Center. Then we come at Paralakhemundi at (Gajapati). Here we saw Dairy Policy Paper of Odisha. I am appreciate the system. So I am happy for this training. It was very helpful for my business.	

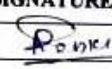
SL.NO.	TRAINEE'S NAME	REMARKS FOR SESSIONS	SIGNATURE
01	DIPATI PRAKASH Lenka	<p>* Diapit Rice can available at PACS Level for Paddy Seed Sale to farmer</p> <p>* every Suleed/ where Avail at center on unit that kind of provided to farmer farmer where the farmer farmer Avail. Learn from PACS</p> <p>* To Newly Started a program that is Research regarding Solar Pressure cooker. it can help from family of solar cooker.</p>	Dipati Prakash Lenka

SL.NO.	TRAINEE'S NAME	REMARKS FOR SESSIONS	SIGNATURE
	Chitra Sen Patil	<ul style="list-style-type: none"> • Diapit Rice Seed will avail at PACS level by the KCS recommendation request for the better of our society. • This institution is best place of para-technical education where students are to study in theoretical as well as practically and economically. • while PTU farm is good for farmer to earn money. • cow pawning is good, and the technique taught by professor is good for a farmer for economic benefit. • Horticulture unit, paddy flower farming is best for today's market, in urban area. • At last All insts of this organization is best for agricultural purpose of farmer benefit. 	SR Patil

SL.NO.	TRAINEE'S NAME	REMARKS FOR SESSIONS	SIGNATURE
01.	Tapas Rajan Dhis	<p>✓ Dawn Session was so excellent.</p> <p>✓ Then cow feed was so good.</p> <p>✓ Then Bubbly session was so good.</p> <p>✓ Horticulture nursery was amazing.</p> <p>✓ first time we came to know about occluded plantation and how to cultivate.</p> <p>✓ Diapit rice topic is so much good.</p> <p>✓ plantation of coffee tree in our local climate is so much encourage us.</p> <p>✓ One of the most profitable farming is pig farming, the cost of this farming is less than other farming but profit is so much higher than others.</p>	Tapas Rajan Dhis

SL.NO.	TRAINEE'S NAME	REMARKS FOR SESSIONS	SIGNATURE
	Purna ch Bisoyi	<p>The Training session is so good. All Lecturers teach for our better knowledge.</p> <p>The Centurion university of Technology and management both Jafani and Paragbakhambadi is also a great institute whose skill development is the major part of those helps to provide our farmers to cultivate many profitable farming to increase their economy. We want to gain better knowledge in future from this organization for growth our farmers' economy.</p> <p>All activities of CUTM is very much please like feeding, branding and transcribing. And also the smile voice of all activities.</p>	 28.4.24

SL.NO.	TRAINEE'S NAME	REMARKS FOR SESSIONS	SIGNATURE
	Ajay K. Sahu	<p>Centurion university teaches us many things in the my brain from 26 to 28 April 2024 in all aspect of agricultural production. From Rice, Coco, soybean, Dairy, Eggplant, Broiler, Porki and other farm also. Other cultivation Dragon food, coffee, etc.</p> <p>Many things we already had every work will be done by an self interest in everywhere.</p> <p>I like the direct knowledge cultivation it increases the farmer's strength the farmers small farms help presently. Double rice cultivation will spread among the farmers for better production.</p> <p>Lastly my best of knowledge I admit am telling that I am trying to aware the farmers in my nearest village.</p>	

SL.NO.	TRAINEE'S NAME	REMARKS FOR SESSIONS	SIGNATURE
1	Prasanta Kumar Lenka	<p>During visit all units overally all departments are very nice in view of skill teaching method and production method is also very good.</p> <p>Basically school of Agriculture dairy, goat, poultry unit and Horticulture unit is very useful for me in future.</p> <p>All Professors, deans, Doctors, Instructors are very helpful by way of visit and teaching about the different breeds.</p>	

ANNEXURE-IV

Session Plan



3 days MDP of Secretaries (PACS) under Registrar of Cooperative Societies, Govt. of Odisha, India

Dt.: 26th to 28th April 2024

Session plan

Day	Production Centres	Session Timings (Breakups)	Activity Session	Objectives	Learning Outcome	Faculty Responsible	
Day 01 (26 th April 2024)	Pollinators Paradise, Waste-to-Wealth, Apparel Unit, Pharmacy and Theoretical Understanding	9:30-10:00 AM Session 1:	Inaugural Session & Visit to Pollinators Paradise: Understanding the Motive and Business Aspects, Experiential learning through designing pollinators friendly garden, ornamental plants, aquaria, aviary nest, vermicompost, STP, and freshwater pearls.	Understand the ecological importance of pollinators in agriculture and biodiversity. Explore the business aspects of maintaining a pollinator-friendly garden.	<ul style="list-style-type: none"> Explain the critical role of pollinators in maintaining ecological balance; Assess and plan the development of a pollinator-friendly garden; Implement sustainable practices for maintaining ornamental plants, aquaria, aviary nests, vermicompost, 	Visit to Pollinators Paradise: 1) Prof. Yashaswi Nayak 2) Prof. Sagarika 3) Prof. Siba Prasad Parida	
		10:00-11:00 AM Session 2:	Waste to Wealth: Understanding the waste management and sustainable practices at the University, Pottery	Understand waste management, sustainable practices & their environmental impact. Explore sustainable practices related to waste management.	<ul style="list-style-type: none"> STP, and freshwater pearls; Discuss the significance of waste management for environmental sustainability. Identify and implement sustainable waste management practices. 	Waste to Wealth 1) Prof. Satish 2) Prof. Sangram Swain	
		11:00-12:00 PM Session 3:	Visit to Pavers Unit: Introduction and process of manufacturing the pavers.	Introduce participants to the manufacturing process of pavers.	<ul style="list-style-type: none"> Explain the key steps involved in manufacturing pavers. Identify various types of fabrics and their applications. 	Pavers Unit 1) Prof. Jyoti Prakash 2) Prof. Kamal Kumar Barik	
		12:00-1:00 PM (GAP)	Lunch:				
		1:00-2:00 PM Session 4:	Visit to Apparel Unit: Introduction to Apparel Unit, Types of Fabric, GSM, Understanding the clothing manufacturing process and exploring marketing strategies for apparel businesses. Designing and creating apparel samples.	Introduce participants to different types of fabrics and GSM (Grams per Square Meter) and understand the clothing manufacturing process.	<ul style="list-style-type: none"> Describe the step-by-step clothing manufacturing process. 	Apparel Unit 1) Prof. Girija Nandini 2) Prof. Nikhil	
		2:00-3:00 PM Session 5:	Visit to School of Pharmacy: Understanding the basic concepts of health and well-being, eye care, etc. Essilor specs, etc. and visit to community diagnostic center.	Understand fundamental concepts related to health and well-being. Explore eye care practices and products, including Essilor specs.	<ul style="list-style-type: none"> Explain essential concepts related to health and well-being. Demonstrate knowledge of eye care practices and products. 	School of Pharmacy 1) Prof. Himansu 2) Prof. Gurudatta Pattnaik	
		3:00-4:00 PM Session 6:	Session on the importance of financial inclusion and digital literacy by Dr. Girija Nandini and Dr. Pramod Patijoshi	Emphasize the importance of financial inclusion and digital literacy in today's context.	<ul style="list-style-type: none"> Appreciate the significance of financial inclusion and digital literacy in societal development. 	Financial Inclusion & Digital Literacy 1) Dr. Pramod Patijoshi 2) Dr. Girija Nandini	
		4:00-5:00 PM Session 7:	Overview of financial inclusion initiatives in Odisha: Case studies on successful financial inclusion projects, Discussion on challenges and opportunities in enhancing financial inclusion through cooperative banking by Dr. Susanta Mishra	Provide an overview of financial inclusion initiatives in Odisha. Present case studies on successful financial inclusion projects. Introduce participants to the concept of leadership and its significance.	<ul style="list-style-type: none"> Understand the specific financial inclusion initiatives undertaken in Odisha. Analyze and draw lessons from case studies of successful projects. Define and understand the key attributes of effective leadership. Demonstrate improved teamwork and leadership skills through active participation in games and group activities. 	Financial Inclusion initiatives 1) Dr. Susanta Mishra	
		1:00-2:00 PM Lunch:					
		2:00-3:00 PM Session 8:	Session 8: Introduction to Drone Technology in Agriculture: Introduce participants to the fundamental concepts of drone technology in agriculture. Drones can be utilized	Explore various applications of drones in modern agriculture.	<ul style="list-style-type: none"> Participants will understand how drones can be utilized for crop monitoring, precision agriculture, and data-driven decision-making. 	drone technology 1) Prof. J. Anil Kumar 2) Dr. K. Harshavardha	

<p>Day 02</p> <p>(Visit to PKD Campus</p> <p>(Travel time: 6:00 AM to 11:00 AM)</p> <p>(27th April 2024)</p>	<p>Use of Drone Technology in Agriculture and Visit to Mini Dairy Unit, Integrated Farming systems, Greenhouse Management</p>	<p>3:00-4:00 PM Session 9:</p> <p>4:00-5:00 PM Session 10:</p> <p>5:00-6:00 PM Session 11:</p> <p>5:00-6:00 PM Session 12:</p>	<p>for crop monitoring and other aspects.</p> <p>Session 9: Overview of the milk processing: Visit to Mini Dairy Unit, Supply chain analysis including pasteurization, homogenization, and milk product manufacturing, Understanding the marketing strategies Hands-on Experience on Milk Processing Demonstration, observe dairy cattle management practices, milking procedures, and cow welfare measures and Witness milk processing at the unit, understanding the various stages from raw milk to finished products.</p> <p>Session 10. Overview of integrated farming systems, Importance of diversification in agriculture. Visit to Organic Research Farm, Low-cost Poly House, Gobar Gas plant, Inter-cropping, Azolla</p> <p>Session 11: Overview of protected cultivation techniques: Visit to Protected Cultivation Unit, the importance of poly houses and shed-net houses, automated fertigation, and protected farming processes</p> <p>Session 12: Greenhouse Management: Importance of Greenhouses in Agriculture, different shapes and types of greenhouses, basics of greenhouse Construction and maintenance, practical demonstration of greenhouse management, Tips for growing specific crops in greenhouses, economic benefits of greenhouse cultivation.</p>	<p>To provide participants with an overview of dairy processing practices and setting up strategies for the establishment of the milk processing industry.</p> <p>To provide participants with an overview of the sustainable income-generating process. Explain the concept of integrated farming systems.</p> <p>Provide the strategies to enhance production throughout the year and automated agri. production</p> <p>To energize the trainees with the types of greenhouses, and their role in controlling environmental factors, highlight the importance of greenhouses in agriculture. Provide knowledge on greenhouse construction and maintenance, economic analysis of greenhouse production</p>	<ul style="list-style-type: none"> Participants will gain knowledge about the dairy industry, different dairy farming systems, and the factors contributing to successful dairy farm management. Participants will be familiar with common dairy cattle breeds and their specific characteristics. Gain an overview of milk processing techniques and through the farm visit and milk processing demonstration, participants will gain hands-on experience in dairy cattle management and milk processing. Participants will gain knowledge regarding integrated farming systems and their benefits to small and marginal farmers They can get an overall idea of establishing a sustainable environment with multiple crops along with organic production techniques Understand the techniques of implementation of protected houses for high-value crop production Gain knowledge about different strategies to be followed for automation in farming processes Explain the role and benefits of greenhouses in agricultural practices. Understand the basics of constructing and maintaining greenhouses. Know the accessory items, and types of crops suitable for greenhouse cultivation 	<p>n</p> <p>Dairy Processing Unit</p> <ol style="list-style-type: none"> Dr. Prasant Kumar Choudhury Dr. Rajashree Jena <p>Integrated Farming System</p> <ol style="list-style-type: none"> Dr. Saurav Barman Dr. Nilanjana Dutta Mr. Dwity Sundar Rout <p>Protected Cultivation Techniques</p> <ol style="list-style-type: none"> Dr. Sagar Maitra Mrs. Upasana Sahu Mr. Sairam <p>Protected Cultivation Techniques</p> <ol style="list-style-type: none"> Dr. Sagar Maitra Mrs. Upasana Sahu Mr. Sairam
<p>Day 03</p> <p>(28th April 2024)</p>	<p>Veterinary Activities, orchid propagation, horticulture nursery, dragon fruit cultivation, fishery farm, Diafit rice production, Curcumin extraction process, Self-Reflection and Valedictory Programme.</p>	<p>8:00-9:00 AM Session 13:</p> <p>9:00-10:00 PM Session 14:</p> <p>10:00-11:00 PM Session 15:</p>	<p>Session 13: Veterinary Activities (Dairy): Introduction to Dairy Farming and Milk Processing, Understanding the Dairy Cattle Breeds and Selection process, Basics of animal health care and veterinary practices, Demonstration of common veterinary procedures (vaccination, deworming, etc.), Interactive session with a local veterinarian, Tips on maintaining animal health in the community.</p> <p>Session 14: Poultry Farming: Introduction to poultry farming and its benefits, Practical aspects of setting up and managing a small-scale poultry farm, and Discussion on common challenges and solutions.</p> <p>Session 15: Goatery (Goat Farming): Introduction to goat farming and its benefits,</p>	<p>Provide participants with an understanding of integrated farming systems. Emphasize the importance of diversification in agriculture for sustainable farming practices. Familiarize participants with the basics of animal healthcare and veterinary practices. Demonstrate common veterinary procedures such as vaccination and deworming.</p> <p>Introduce participants to the benefits of goat farming. Provide practical insights into setting up and managing a small-scale goat farm.</p> <p>Make participants know different varieties, their</p>	<ul style="list-style-type: none"> Understand fundamental principles of animal health care. Know about appropriate nutrition of cattle and requirement of amount of feeds Recapitulate the ideal varieties of cows, buffalos and economic output Get acquainted with insemination process and cattle breeding Learning the healthcare procedures of cattle To understand the type of poultry farming Gain knowledge regarding the poultry feeds and economic analysis Learn about the costs and production strategies throughout the year Identify the advantages of goat farming. 	<p>Veterinary Activities and Dairy farming</p> <ol style="list-style-type: none"> Prof. R. K. Swain Dr. Mallikarjuna Rao Dr. K. Prashanthi <p>Poultry Farming</p> <ol style="list-style-type: none"> Prof. R. K. Swain Dr. Mallikarjuna Rao Dr. K. Prashanthi <p>Goat Farming</p> <ol style="list-style-type: none"> Prof. R. K. Swain

			Practical aspects of setting up and managing a small-scale goat farm, and Discussion on common challenges and solutions.	demands, and economic perspectives of farming with different varieties	<ul style="list-style-type: none"> • Demonstrate practical knowledge in the setup and management of a small-scale goat farm. • To understand the varieties of goats and sheep • Learn about the costs and production strategies throughout the year • Gain knowledge regarding food habits • To be thorough about economics and risk management strategies 	2) Dr. Mallikarjuna Rao
	11:00-12:00 PM Session 16:	Session 16: Piggery (Pig Farming): Introduction to pig farming and its benefits, Practical aspects of setting up and managing a small-scale piggery farm, and Discussion on common challenges and solutions.	Deliberate participants about the living style of pigs, different varieties of pigs, their live weight as well as the cost of their flesh, and the economic benefits of pig farming	<ul style="list-style-type: none"> • To be acquainted with the lifestyle of pigs, their nutrition • Understand the farming practices • Learn the breeding process and health care of pigs as well as piglets 		Pig Farming 1) Prof. R. K. Swain 2) Dr. K. Prashanthi
	12:00-1:30 PM Session 17:	Session 17: Orchid Farming Workshop: Introduction to orchid farming and Practical session on orchid cultivation techniques	Introduce participants to the fundamentals of orchid farming and conduct a practical session on orchid cultivation techniques.	<ul style="list-style-type: none"> • Understand the basics of orchid farming. • Gain hands-on experience in orchid cultivation techniques. 		Orchid Farming 1) Dr. Kartik Pramanik 2) Dr. G. Anitha 3) Dr. Amit Lohar
	1:30-2:30 PM (GAP)	Lunch:				
	2:30-3:30 PM Session 18:	Session 18: Dragon Fruit Cultivation: Overview of dragon fruit cultivation, varieties of dragon fruits, construction and maintenance strategies, economic output of dragon fruit cultivation	Make the trainees know about the practices followed for dragon fruit cultivation, their multiplication, care, and input use in dragon fruit cultivation	<ul style="list-style-type: none"> • Gain hands-on experience in dragon fruit cultivation techniques. • Get the idea of economic analysis of dragon fruits • Marketing strategies and land use benefits in dragon fruit cultivation 		Dragon fruit Cultivation 1) Dr. Subhrajyothi Chatterjee
	3:30-4:30 PM Session 19:	Session 19: Diafit Rice Production: Overview of diafit rice and its nutritional benefits and Practical demonstration of diafit rice cultivation and Tips on organic farming practices for diafit rice	Provide an overview of diafit rice and its nutritional benefits. Demonstrate the practical aspects of diafit rice cultivation.	<ul style="list-style-type: none"> • Describe the nutritional benefits of diafit rice. • Demonstrate practical knowledge in the cultivation of diafit rice. 		Diafit Rice Production 1) Prof. M. Satya Prasad
	4:30-5:30 PM Session 20:	Session 20: Visit to Fishery Farm: Basics of fish cultivation, quality assessment of water and soil of ponds, rearing, breeding, and growth methods of fishes as well as other aquaculture items.	Exposure of the participants to fish rearing, growth, and breeding methods, types of fishes, and other aquaculture items production strategies, economic analysis of fish production	<ul style="list-style-type: none"> • Know about the basics in aquaculture • Learn the breeding methods of fishes • Economic analysis of fish production 		Fish Farming 1) Dr. Sambid Swain 2) Mr. Dwity Sundar Rout
	5:30-6:00 PM Session 21:	Session 21: Curcumin Extraction Workshop: Presentation on the curcumin extraction process, Hands-on session on curcumin extraction from turmeric. Q&A session.	Introduce participants to the curcumin extraction process. Provide a hands-on experience in curcumin extraction from turmeric.	<ul style="list-style-type: none"> • Summarize key insights and learnings from various sessions. • Describe the steps involved in curcumin extraction. • Demonstrate practical skills in extracting curcumin from turmeric. 		Curcumin Extraction 1) Dr. Satya Narayan Dhal
		Session 22: Review and reflection: Group Formation and brainstorming on different Units. Q&A session.	Facilitate a review of the knowledge gained from different units. Form groups for collaborative reflection and brainstorming on key learnings.	<ul style="list-style-type: none"> • Evaluation and assessment 		Feedback Session 1) Dr. Abhinay Mishra 2) Dr. Shiv Sankar Das 3) Dr. Saurav Barman 4) Mr. Dwity Sundar Rout
	5:00-6:00 PM Session 22:	Valedictory Programme	Certificate Distribution by the Hon'ble registrar, Deans, and other delegates	<ul style="list-style-type: none"> • Receive training completion certificates 		